

**Monday, March 14, 2022****7:00 PM****McFarland Municipal Center**  
*Community Room***AGENDA**

You are invited to this meeting through a Zoom webinar. The public is strongly encouraged to watch and participate in these meetings remotely through either the webinar or telephone options listed below.

PLEASE CLICK THE LINK BELOW TO JOIN THE ZOOM WEBINAR:

<https://us02web.zoom.us/j/85619537048>

Or by Telephone: +1 (312) 626-6799

Webinar ID: 856 1953 7048

Press \*9 to raise/lower hand. Press \*6 to mute/unmute.

1. CALL TO ORDER.
2. ATTENDANCE/ROLL CALL.
3. PUBLIC ANNOUNCEMENTS AND COMMUNICATIONS.
  - a. Public Announcements
    - 1) Voting Information - April 5, 2022
    - 2) WCW Friend of Access Award - John Wells
    - 3) Village Trustee Edward Wreh - Honored by Great Madison in Business Magazine as 40 under 40 honors.
  - b. Public Communications
4. CONSENT AGENDA.
  - a. All items listed under the Consent Agenda will be approved in one motion unless a Board member requests that the item be removed for individual discussion and action. Any item(s) removed for individual consideration shall be considered in the same order in which they were originally listed on the agenda under Business.
    - 1) Motion to approve the minutes of the February 28, 2022 regular Village Board meeting.
    - 2) Motion to approve checks in the amount of \$758,716.62.
5. PUBLIC APPEARANCES.
  - a. This is an opportunity for members of the public to address the Village Board. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the board may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the board

for their consideration. Members of the public who are present in person and wish to address the board should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to [cassandra.suettinger@mcfarland.wi.us](mailto:cassandra.suettinger@mcfarland.wi.us) to be included as part of the meeting.

6. BUSINESS.

- a. Presentation and update on the construction progress for the Public Safety Center.
- b. Discussion and action regarding proposed Change Order PS-001 for the Public Safety Center to address additional concrete protections.
- c. Parks, Recreation, and Natural Resources (Trustees Nelson & Rupert)
  - 1) Discussion and action regarding the award of contract to construct Pickleball Courts at William McFarland Park.
- d. Public Works Committee (Trustees Rupert & St. Clair)  
Public Utilities Committee (Trustees Wreh & Nelson)
  - 1) Discussion and action regarding the award of Contract A for the 2022 Terminal Drive Reconstruction Project including supplemental bid for the 2022 Sidewalk Replacement Project.
  - 2) Discussion and action regarding the award of Contract B for the 2022 Street & Utility Improvements project(s).
- e. Public Utilities Committee (Trustees Wreh & Nelson)
  - 1) Discussion and action regarding the award of Contract C for the 2022 Stormwater Improvement Project(s).
  - 2) Discussion and action regarding the award of contract for meter replacement installation services.
  - 3) Discussion and action regarding the award of contract for forcemain locating services.
  - 4) Discussion and action regarding the award of contract for storm sewer cleaning and televising services.
  - 5) Discussion and action regarding the MS4 permit and plan.
- f. Public Safety Committee (Trustees Brassington & Wreh)
  - 1) Discussion and recommendation on Ordinance 2022-10: An ordinance amending the Municipal Code concerning alcohol beverage licenses and fees for operator's licenses.
- g. School District and Village Board Joint Planning Committee (President Clow & Trustee Flaherty)
  - 1) Discussion and action regarding the development of a Memorandum of Understanding to formally create and establish the ongoing utilization of the "Joint School/Village Committee".



- h. Discussion and action regarding Resolution #2022-08: a resolution to create an affordable housing fund and commit funds to support affordable housing projects.
- i. Future Authority, Board, Commission, and Committee agenda items requests and referrals - *This is an opportunity for Village board members to put forth Authority, Board, Commission and Committee agenda item requests and referrals, without discussion.*

## 7. ADJOURNMENT.

This meeting notice constitutes an official meeting of the above referenced group and was posted in accordance with all applicable laws related to Open Meetings Law. It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice. Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals. For additional information or to request this service, contact the McFarland Municipal Center at (608) 838-3153 or [cassandra.suettinger@mcfarland.wi.us](mailto:cassandra.suettinger@mcfarland.wi.us)



**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Public Announcements & Communications

**DEPARTMENT:** Administration

**CONTACT:** Cassandra Suettinger, Village Clerk/Treasurer

**AGENDA ITEM:** Voting Information - April 5, 2022

**PREVIOUS ACTION:**

**ISSUE SUMMARY:**

The Village of McFarland will hold the Spring Election on April 5, 2022 for several statewide offices as well as the following Village and McFarland School District Offices:

Village Trustee - Vote for no more than 3

Edward J Wreh

Clair Bud Utter

Mike Flaherty

TJ Jerke

McFarland School Board - Vote for no more than 2

Tom Mooney

Meghan Fessler

Samanthan Zeilenga

Voters can preview the full spring ballot with all contests by visiting: <https://myvote.wi.gov/en-us/PreviewMyBallot>

Make a Plan, Make it Count - The Village's public outreach theme for the 2022 Election Cycle will be Make a Plan and Make it Count. As we have seen in the last couple years, election processes and protocols have become a bit more complex and subject to change with little notice. 2020 is a great example of how court rulings and legislative updates changed rules for voting frequently. Our media plan in 2022 will focus on making sure voters are prepared for each election.

Make a plan - Voters should start thinking now about how they would like to complete their ballot (via absentee by mail, in-person absentee, or on Election Day). If voters intend to vote absentee, they should plan to take the necessary steps in a timely manner.

Make it Count - If voting absentee, make sure you comply with all instructions to complete and return your ballot in a manner that will allow it to be counted.

Not sure and have questions on how to make your plan to make it count? Administration Office staff are available to assist with any voting/election related questions, and to help voters make a



plan to make it count. For questions or assistance, contact 608-838-3153 or email [village.administration@mcfarland.wi.us](mailto:village.administration@mcfarland.wi.us).

**COURT CASE UPDATES/CHANGES TO ABSENTEE VOTING PROCEDURES-** Currently the WI Supreme Court is reviewing the lawfulness of returning ballots via dropbox in the State of Wisconsin. As a result of the pending case, the WI Supreme Court has ordered that dropboxes CANNOT be used for the April Election. The WI Supreme Court has also noted that State law provides only the voter them self may return a ballot to the Clerk's Office.

**Voter Registration -** Voters can register to vote by mail or online through Wednesday March 16th at midnight. Voters wishing to register to vote should visit: <https://myvote.wi.gov/en-us/Register-To-Vote>.

#### **Absentee by Mail -**

**By Mail Absentee Voting -** Absentee ballot by mail will be mailed on Tuesday March 15th. Requests may be made up through and for requests made by Thursday March 31st at 5 p.m. Ballots can be requested by visiting: <https://myvotwe.wi.gov/en-US/Vote/Absentee>

#### **Make a plan, Make it Count**

Unless you are an indefinitely confined, or military elector, be sure you have a photo ID to make your request. For more information visit: <https://bringit.wi.gov/>

Make sure you have time to return your ballot. Ballots may only be returned via USPS or in-person by the voter in the administration office during business hours.

Voters must fully complete the absentee certificate envelope including voter signature, witness signature, and full witness address provided.

#### **In Person Absentee Voting Information**

**In-office absentee -** Begins Tuesday March 22nd and runs through Saturday April 2nd in the administration offices. Extended hours will be offered once again this year. The in-person absentee voting schedule will be as follows:

Tuesday March 22nd - 7 a.m. to 8 a.m.

Wednesday March 23 - 8:00 a.m. to 4:30 p.m.

Thursday March 24th - 7 a.m. to 8 a.m.

Friday March 25th - 8:00 a.m. to 4:30 p.m.

Saturday March 26th - 9 a.m. to 12 p.m.

Monday March 28th - 8:00 a.m. to 4:30 p.m.

Tuesday March 29th - 7 a.m. to 8 a.m.

Wednesday March 30th - 8:00 a.m. to 4:30 p.m.

Thursday March 31st - 7 a.m. to 8 a.m.

Friday April 1st - 8:00 a.m. to 5:00 p.m. - **LAST DAY FOR VOTERS TO REGISTER TO VOTE PRIOR TO THE ELECTION.**

Saturday April 2nd - 9 a.m. to 12 p.m.

**\*\*CURBSIDE ABSENTEE VOTING AVAILABLE -** Ring the bell in the accessible stall, and a member of the administration department will be out to assist you with voting curbside for absentee.

#### **Make a plan, Make it Count**

Make sure you have a copy of a valid photo ID with you to bring with you to vote in the



administration office. For more information visit: <https://bringit.wi.gov/>

Make sure you are registered to vote, or be prepared to bring documents with you to register to vote: <https://myvote.wi.gov/en-us/Register-To-Vote> (Voters may register to vote up through the Friday before the election at 5 p.m.)

Specific information about election day will follow at the March 28th Village Board Meeting.

Please contact the Village Administration office with any voting questions via phone at 608-838-3153 or via email at [village.administration@mcfarland.wi.us](mailto:village.administration@mcfarland.wi.us)

**FINANCIAL/BUDGET IMPACT:**

**VILLAGE PLAN REFERENCE:**

**ORDINANCE REFERENCE:**

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

**ATTACHMENTS:**

1. McFarland Sample Ballot

Official Ballot  
Nonpartisan Office  
April 5, 2022

**Notice to voters:** If you are voting on Election Day, your ballot must be initialed by 2 election inspectors. If you are voting absentee, your ballot must be initialed by the municipal clerk or deputy clerk. Your ballot may not be counted without initials. (See end of ballot for initials.)

| General Instructions                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                      | Municipal                                                                                                                                                                                                                                                                            |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| If you make a mistake on your ballot or have a question, ask an election inspector for help. (Absentee voters: Contact your municipal clerk.)<br><br>To vote for a name on the ballot, fill in the oval next to the name like this: ●.<br><br>To vote for a name that is not on the ballot, write the name on the line marked "write-in" and fill in the oval next to the name like this: ●. | <b>Village Trustee</b><br><b>Vote for not more than 3</b>                                            | <div>Official Ballot<br/>Nonpartisan Office<br/>April 5, 2022<br/>for<br/>V McFarland Wds 1-10</div>                                                                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                              | <input type="radio"/> Edward J. Wreh                                                                 |                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                              | <input type="radio"/> Clair Bud Utter                                                                |                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                              | <input type="radio"/> Mike Flaherty                                                                  |                                                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                              | <input type="radio"/> TJ Jerke                                                                       |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              | <input type="radio"/> write-in:                                                                      | <b>Ballot Issued by</b><br><br>_____<br><br>Initials of election inspectors<br>_____<br><br><b>Absentee ballot issued by</b><br><br>_____<br><br>Initials of municipal clerk or deputy clerk<br>_____<br><br>(If issued by SVDs, both SVDs must initial.)                            |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              | <input type="radio"/> write-in:                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <b>Judicial</b>                                                                                                                                                                                                                                                                                                                                                                              | <b>School District</b>                                                                               |                                                                                                                                                                                                                                                                                      |  |
| <b>Court of Appeals Judge</b><br><b>District 4</b><br><b>Vote for 1</b>                                                                                                                                                                                                                                                                                                                      | <b>School District of McFarland</b><br><b>School Board Member</b><br><b>Vote for not more than 2</b> |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> Brian Blanchard                                                                                                                                                                                                                                                                                                                                                        | <input type="radio"/> Tom Mooney                                                                     |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              | <input type="radio"/> Meghan Fessler                                                                 | <b>Certification of Voter Assistance</b><br><br>I certify that I marked or read aloud this ballot at the request and direction of a voter who is authorized under Wis. Stat. §6.82 to receive assistance.<br><br>_____<br><br>Signature of assistor                                  |  |
| <b>Circuit Court Judge</b><br><b>Branch 3</b><br><b>Vote for 1</b>                                                                                                                                                                                                                                                                                                                           | <input type="radio"/> Samantha Zeilenga                                                              |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> Diane Schlipper                                                                                                                                                                                                                                                                                                                                                        | <input type="radio"/> write-in:                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              | <input type="radio"/> write-in:                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <b>Circuit Court Judge</b><br><b>Branch 4</b><br><b>Vote for 1</b>                                                                                                                                                                                                                                                                                                                           |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> Everett D. Mitchell                                                                                                                                                                                                                                                                                                                                                    |                                                                                                      | <b>For Official Use Only</b><br><br><b>Inspectors:</b> Identify ballots required to be remade.<br><br><input type="checkbox"/> Overvoted<br><input type="checkbox"/> Damaged<br><input type="checkbox"/> Other                                                                       |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <b>Circuit Court Judge</b><br><b>Branch 5</b><br><b>Vote for 1</b>                                                                                                                                                                                                                                                                                                                           |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> Nicholas J. McNamara                                                                                                                                                                                                                                                                                                                                                   |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <b>Circuit Court Judge</b><br><b>Branch 14</b><br><b>Vote for 1</b>                                                                                                                                                                                                                                                                                                                          |                                                                                                      | <div>If this is the<br/><b>Original Ballot</b>,<br/>write the serial<br/>number here:<br/><br/>_____</div> <div>If this is the<br/><b>Duplicate Ballot</b>,<br/>write the serial<br/>number here:<br/><br/>_____</div> <div>_____<br/>Initials of inspectors who remade ballot</div> |  |
| <input type="radio"/> John D. Hyland                                                                                                                                                                                                                                                                                                                                                         |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <b>Circuit Court Judge</b><br><b>Branch 15</b><br><b>Vote for 1</b>                                                                                                                                                                                                                                                                                                                          |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> Stephen Ehlke                                                                                                                                                                                                                                                                                                                                                          |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <b>County</b>                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <b>County Supervisor</b><br><b>District 34</b><br><b>Vote for 1</b>                                                                                                                                                                                                                                                                                                                          |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> Patrick Miles                                                                                                                                                                                                                                                                                                                                                          |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> Herb Taylor                                                                                                                                                                                                                                                                                                                                                            |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |
| <input type="radio"/> write-in:                                                                                                                                                                                                                                                                                                                                                              |                                                                                                      |                                                                                                                                                                                                                                                                                      |  |

Continue voting at top of next column.

# WISCONSIN COMMUNITY MEDIA

Strong media centers. Strong communities.

March 2, 2022

## Board of Directors

### Officers

Jake Timm  
President  
Oshkosh Media

Lisa Wolf  
Vice-President  
Watertown Television

Dave Grooman  
Secretary  
Lake Mills Community &  
Government Television

Deb Brunett  
Treasurer  
Emeritus Member  
Merrill

### Directors

Boyce Johnson  
Madison City Channel

Tom Loppnow  
City of Milwaukee

Tom Loucks  
Marshfield Media Access

Alan Luckett  
Janesville JATV

Will Nimmow  
Monona Community Media

Jeff Robbins  
Sun Prairie Media Center

Derek Westby  
WTCO Trempealeau

## Executive Director

Mary Cardona  
(608) 215-5594  
exec@  
wisconsincommunitymedia.com

Mr. John Wells  
5507 Alben Avenue  
McFarland, Wisconsin 53558

Dear John,

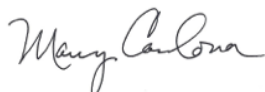
I have the great pleasure to inform you that the WCM Board of Directors has chosen you to be the recipient of the 2022 Friend of Access Award! The award reads, *In recognition of your work on behalf of the true democratic voice of the community – Public, Education, and Government Access Television.* Thank you for your dedication to community media in McFarland.

In nominating you for the award, Stephanie Miller, Director of the Department of Communications and Technology for the Village of McFarland, said, "The number of hours John has put in to provide commentary on sports broadcasts and parades is exponential and he does it all from the goodness of his heart and love for local programming. The community recognizes him as being "The Voice of McFarland" and always asks, 'Where's John?' when he isn't there. John is and always has been an advocate for local access and we cherish all of the work he has dedicated to WMCF over the years. He is one of the nicest and selfless people you will ever meet and WMCF is beyond grateful for everything he does to support our media station and local programming."

Nick Boucher, WCMF Production Assistant, echoed Stephanie, writing, "John is a fantastic candidate for the Friend of Access Award because he has brought expertise and joy to the WMCF channel for years. When John isn't working at the local middle school, he volunteers for WMCF broadcasts. For over 20 years John has lent his voice to WMCF broadcasts, providing fun and friendly commentary for sports and public events. John is a knowledgeable and patient person, and always tries to help out where he can. He is driven by a desire to bring the community together and loves having the opportunity to be a part of the shows we put on at WMCF. John will always be a valued member of our team and the McFarland community."

WCM is honored to recognize your contribution. You will receive your award at the Best of the Midwest Media Fest Banquet and Show on Thursday, May 12 at the Park Hotel in Madison, which begins with a reception at 5 pm, dinner at 6:30 pm. You and a guest will be our guests at the event. At the award presentation after dinner, we hope you will say a few words to the group. Please contact me by Friday, May 6 to let me know whether you plan to attend. Congratulations!

Sincerely,



Mary Cardona  
Executive Director



**VILLAGE OF  
McFarland  
SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Public Announcements & Communications

**DEPARTMENT:** Administration

**CONTACT:** Cassandra Suettinger, Village Clerk/Treasurer

**AGENDA ITEM:** Village Trustee Edward Wreh - Honored by Great Madison in Business Magazine as 40 under 40 honors.

**PREVIOUS ACTION:**

**ISSUE SUMMARY:**

Each year, In Business magazine introduces a new class of up-and-coming business leaders as part of its annual 40 Under 40. Our own Village Trustee Edward Wreh was honored as part of the 2022 40 under 40.

<https://www.ibmadison.com/40under40class2022/>

**FINANCIAL/BUDGET IMPACT:**

**VILLAGE PLAN REFERENCE:**

**ORDINANCE REFERENCE:**

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

**ATTACHMENTS:**

None

VILLAGE OF MCFARLAND  
MCFARLAND MUNICIPAL COURT  
March, 2022

**Monthly Court Docket**

February 8, 2022 – Court Docket – Initial Appearances

- 21 cases scheduled for Initial appearances (24 citations)
  - 3 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
  - 4 Paid prior to Appearance
  - 3 Not Guilty pleas - Citations adjudicated or Pretrial scheduled for February 22, 2022
  - 10 Default appearances – Scheduled for April 12, 2022, Indigency Hearing
  - 1 Rescheduled Court date to February 22, 2022

February 8, 2022 - Juvenile Court – Initial Appearances

- 0 cases scheduled for Initial appearances (0 citation)
  - 0 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
  - 0 Paid prior to Appearance
  - 0 Not Guilty plea - Citations adjudicated or Pretrial scheduled for February 22, 2022
  - 0 Default appearances – Scheduled for April 12, 2022, Indigency Hearing
  - 0 Rescheduled Court date to February 22, 2022
  - 0 Reviews - Monthly progress review

February 15, 2022 – Truancy Court – Initial Appearances

- 4 cases scheduled for Initial appearances (4 citation)
  - 3 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
  - 0 Paid prior to Appearance
  - 0 Not Guilty pleas - Citations adjudicated or Pretrial scheduled for March 8, 2021
  - 1 Default appearances – Scheduled for April 26, 2022, Indigency Hearing
  - 0 Rescheduled Court date to March 15, 2022

February 22, 2022 – Court Docket – Initial Appearances

- 35 cases scheduled for Initial appearances (43 citations)
  - 10 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
  - 7 Paid prior to Appearance
  - 1 Not Guilty plea - Citations adjudicated or Pretrial scheduled for March 8, 2022
  - 16 Default appearances – Scheduled for April 26, 2022, Indigency Hearing
  - 1 Rescheduled Court date to March 8, 2022

February 22, 2022 - Juvenile Court – Initial Appearances

- 5 cases scheduled for Initial appearances (9 citations)
  - 4 No Contest or Guilty pleas – Citations adjudicated at Initial Appearance
  - 0 Paid prior to Appearance
  - 1 Not Guilty plea - Citations adjudicated or Pretrial scheduled for March 8, 2022
  - 0 Default appearances – Scheduled for April 26, 2022, Indigency Hearing
  - 0 Rescheduled Court date to March 8, 2022
  - 0 Reviews - Monthly progress review



## **Court Activities**

### Monthly Financial Report

The Municipal Court received 83 payments for the month of February, 2022. Total revenue received by the Court was \$9776.02. The Municipality retained \$5,129.68 in Court revenue, \$1,635.40 was sent to Dane County and \$3,010.94 was sent to the State.

There were 32 credit card transactions for the month of February, 2022. The Court received a total of \$4,671.40 in payments from Allpaid on-line credit card payments.

As of February, 2022, the Municipal Court has received a total of \$489.61 in delinquent fines from the Department of Revenue Tax Intercept Program.

As of February, 2022, the Municipal Court has received a total of \$4,786.06 in delinquent fines from the State Debt Collection.

Year to date, \$27,507.38, in forfeitures have been ordered from 163 citations adjudicated in the Municipal Court. Of that, \$ 3,976.80 has been converted to classroom education and/or community service hours for juveniles. A total of \$20,319.97 has been collected for 2022 and prior forfeitures.

# McFarland Police Department



## January 2022 Monthly Report

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## **McFarland Police Department**

### **Calls for Service**

The Department had 529 calls for service in January 2022 compared to 465 in 2021.

### **Cases of Interest:**

1/6/2022 – Officers were dispatched to a person slumped over in a vehicle partially in the roadway. Officers observed the driver was impaired and evidence of drug use. The driver conducted field sobriety testing and was ultimately arrested for operating while intoxicated. A search of the vehicle was conducted, and officers located drug paraphernalia and heroin. The driver was booked into the Dane County Jail.

1/12/2022 – Officers checked on an occupied vehicle in a park after hours. As officers approached the vehicle, they detected a strong odor of marijuana. During the investigation officers conducted a search of the vehicle and located marijuana, drug paraphernalia, and 2 handguns. One of the recovered guns was a Polymer 80 which is a “build your own gun kit”. The suspect was a convicted felon and unable to have firearms. The suspect was taken to the Dane County Jail for a probation hold while charges were referred to the District Attorney’s Office.

1/31/2022 – Officers were requested to assist an outside agency with a pursuit of a stolen vehicle. McFarland Officers were able to successfully deploy a tire deflation device (Stop Sticks) causing the vehicle to eventually become disabled. Officers assisted with taking the suspect into custody.

### **Staffing Report**

The Department is currently short one patrol officer due to an officer resigning from the department. The Village Board authorized the filling of the vacancy. That process will now go to the Police & Fire Commission for discussion and action.

### **Training Report**

Department In-Service began in January, the remaining staff will complete this in-service training in March.

- 
- Officer Zietsma attended a 3-day Wisconsin Association of Community Oriented Policing Conference.
  - Lt. Job attended the 5-day Department of Justice New Police Chief & Sheriff's Conference.

## **Officer Complaints/Compliments**

**Officer Complaints** – Officer complaints can be submitted using the online procedure found on the Departments web page or also by calling the Police Department and asking to talk to a supervisor.

- No Complaints were received in January.

**Officer Compliments** - Officer compliments can be submitted using the online form found on the Departments web page, by submitting an email to the Department, or by calling the Police Department and asking to talk to a supervisor.

- No specific compliments were received in January.

## **Use of Force Incidents**

The Department wishes to operate in a more transparent way so a section on Use of Force Incidents will be added to the monthly report. The Department categorizes a reportable Use of Force Incident as anytime a firearm or ECD is used or displayed, or any other force is used that is at or above a compliance hold as outlined in the Intervention Options issued by the State standards.

All reportable Use of Force Incidents are reviewed by a supervisor which consists of reading reports and watching body camera or squad video of the incident. The supervisor is checking for compliance with policy, training, and acceptable standards issued by the State. If a problem is identified, the officer could be disciplined, counseled, and/or mandatory re-training will be ordered.

- 22-269 Assist Other Agency – Officer were requested to assist an outside agency with a combative subject that was displaying signs of excited delirium. Officers assisted with securing the subject on the ground until paramedics could assist with the situation.
- 22-9728 Domestic Disturbance – Officers responded to a domestic disturbance. Upon arrival the suspect had left the scene. The suspect was located a short time later. The suspect was approaching officers and not following commands. An officer deployed a taser and it was ineffective. A second officer also deployed a taser and that deployment was effective to take the subject into custody.

- 
- 22-16037 Disturbance – Officers responded to a disturbance. While trying to take the suspect into custody the suspect was trying to pull away from officers and hitting his head on the squad car. Officer stabilized the suspect on the ground. Handcuffs were applied and the suspect was able to remove them in the squad car. The suspect began punching the inside of the squad and attempted to punch officers when he was removed to be placed back in handcuffs. The suspect was stabilized on the ground again, handcuffed and transported to the jail.
  - 22-22145 Disturbance – Officers were dispatched to an intoxicated subject armed with a knife. Officer arrived and found a glass door shattered. The suspect would not comply with officers' requests to show his hands. When officers contacted the subject, they displayed a firearm towards the subject until the subject could be secured in handcuffs.
  - 22-35815 Assist Other Agency – Officers were dispatched to assist another agency after a hit and run and the driver ran on foot from the scene. An officer located the subject, and a McFarland Officer assisted this officer by placing the subject in an escort hold, assisting the subject to the ground to be placed into handcuffs.
  - 22-37602 Assist Other Agency – Officers were dispatched to assist another agency that was pursuing a stolen vehicle. McFarland Officers successfully deployed a tire deflation device. The vehicle a short time later was involved in an accident with a fence. The suspect failed to comply with officers and would not exit the vehicle. The suspect stated he had a firearm and would use it. McFarland Officers displayed their patrol rifles towards the suspect vehicle. No firearms were discharged by either the officers or suspect. The suspect was ultimately taken into custody.



## Incident Analysis Report Summary By Incident Type

McFarland Police Department  
Official Case Report  
  
Do Not Re-Release

Print Date/Time: 02/01/2022 15:22

Login ID: mcj dj

Incident Type: All

Call Source: All

From Date: 01/01/2022 00:00

To Date: 01/31/2022 23:59

McFarland Police Department

ORI Number: WI0137300

Officer ID: All

Location: All

| Incident Type                   | Number of Incidents |
|---------------------------------|---------------------|
| 911 Abandoned Call              | 5                   |
| 911 Call Playing w/Telephone    | 1                   |
| 911 Call Silent                 | 6                   |
| 911 Call Unintentional          | 12                  |
| 911 Disconnect                  | 1                   |
| 911 Misdial Call                | 1                   |
| Accident Private Property       | 2                   |
| Accident Property Damage        | 6                   |
| Accident Unknown Injuries       | 2                   |
| Accident w/Injuries             | 3                   |
| Adult Arrested Person           | 6                   |
| Alarm                           | 8                   |
| Assist Citizen                  | 21                  |
| Assist EMS/Fire                 | 58                  |
| Assist Police                   | 18                  |
| Check Person                    | 22                  |
| Check Property                  | 94                  |
| Conveyance                      | 1                   |
| Damage to Property              | 2                   |
| Disturbance                     | 9                   |
| Domestic Disturbance            | 2                   |
| Drug Incident/Investigation     | 10                  |
| Follow-Up                       | 9                   |
| Foot Patrol                     | 1                   |
| Fraud                           | 5                   |
| Information                     | 15                  |
| Neighbor Trouble                | 1                   |
| OMVWI Arrest/Intoxicated Driver | 2                   |
| Parking Complaint On Street     | 12                  |
| Phone                           | 9                   |
| PNB/AED Response                | 2                   |
| Repo                            | 1                   |
| Road Rage                       | 1                   |
| Safety Hazard                   | 9                   |
| Sex Offense Miscellaneous       | 1                   |
| Special Event                   | 3                   |
| Suspicious Person               | 2                   |
| Suspicious Vehicle              | 12                  |

Page: 1 of 2



## Incident Analysis Report Summary By Incident Type

McFarland Police Department  
Official Case Report  
**Do Not Re-Release**

**Print Date/Time:** 02/01/2022 15:22  
**Login ID:** mcjdg  
**Incident Type:** All  
**Call Source:** All

**From Date:** 01/01/2022 00:00  
**To Date:** 01/31/2022 23:59

McFarland Police Department  
**ORI Number:** WI0137300

**Officer ID:** All  
**Location:** All

| Incident Type                   | Number of Incidents |
|---------------------------------|---------------------|
| Test 911 Call                   | 1                   |
| Theft                           | 2                   |
| Theft from Auto                 | 1                   |
| Theft Retail                    | 2                   |
| Threats Complaint               | 2                   |
| Traffic Complaint/Investigation | 16                  |
| Traffic Stop                    | 128                 |
| Violation of Court Order        | 2                   |
| <b>Total:</b>                   | <b>529</b>          |



# McFarland Police Department



## February 2022 Monthly Report



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## **McFarland Police Department**

### **Calls for Service**

The Department had 446 calls for service in February 2022 compared to 440 in 2021.

### **Cases of Interest:**

2/3/2022 – Officers were dispatched to a local pharmacy for a prescription fraud. Officers and Pharmacy staff were able to prevent the subject from getting the fraudulent prescription. After investigation officers were able to identify the suspect and request charges from the District Attorney's Office. The department has seen an increase in this type of activity and has worked with area pharmacies to assist in training to attempt to prevent further occurrences.

2/9/2022 – Officers attempted to conduct a traffic stop. The driver of the vehicle increased their speed and turned off their lights. Officers were able to locate the vehicle and driver. The driver was arrested to for Fleeing and Officer. Officers also located drugs and drug paraphernalia in the vehicle.

2/28/2022 – Officers took a report of a possible juvenile runaway. During the investigation it was learned that the juvenile had left the state. Officers were able to coordinate with multiple out of state agencies to intercept the missing juvenile. The juvenile was ultimately located by one of the agencies and reunited with the family.

### **Staffing Report**

The Department is currently short two patrol officers due to a past resignation and recent retirement. Detective Michael Klementz retired with his last working day February 25<sup>th</sup> after 30 years of service to the Village of McFarland Police Department. With his retirement, School Resource Officer John Miller was promoted to Detective. The department is currently working to fill the K9 Handler and School Resource Officer assignments. The department has also started a hiring process to fill the two patrol officer vacancies. The K9 Handler selection should be completed in March, School Resource Officer end of March or early April, and the police officer positions will be anticipated to begin field training in late May or early June.

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## Training Report

Officers Kilcoyne and Peterson attended the Cub Scout Meeting to conduct a presentation on February 1<sup>st</sup>.

- Police Department Staff attended the annual wellness checks.
- Sgt. Wallace, Lt. Job, Chief Chapin attended the Wisconsin Chiefs of Police Conference in Wisconsin Dells.
- Several staff attended reunification training in conjunction with members of the School District.
- Sgt. Jacobsen attended a two-day Leadership Training at Madison Police Department
- Wisconsin State Crime Lab provide a Best Practices Training to department Staff, a second date is scheduled for March for remaining staff.

## Officer Complaints/Compliments

**Officer Complaints** – Officer complaints can be submitted using the online procedure found on the Departments web page or also by calling the Police Department and asking to talk to a supervisor.

- No Complaints were received in February.

**Officer Compliments** - Officer compliments can be submitted using the online form found on the Departments web page, by submitting an email to the Department, or by calling the Police Department and asking to talk to a supervisor.

- No specific compliments were received in February.
- Officer Peterson was issued a Letter of Recognition for her work locating a missing juvenile that had left the state and was able to locate the juvenile in another state.

## Use of Force Incidents

The Department wishes to operate in a more transparent way so a section on Use of Force Incidents will be added to the monthly report. The Department categorizes a reportable Use of Force Incident as anytime a firearm or ECD is used or displayed, or any other force is used that is at or above a compliance hold as outlined in the Intervention Options issued by the State standards.

All reportable Use of Force Incidents are reviewed by a supervisor which consists of reading reports and watching body camera or squad video of the incident. The supervisor is checking for compliance

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with policy, training, and acceptable standards issued by the State. If a problem is identified, the officer could be disciplined, counseled, and/or mandatory re-training will be ordered.

- There were no Use of Force incidents in February.



## Incident Analysis Report Summary By Incident Type

McFarland Police Department  
Official Case Report  
**Do Not Re-Release**

Print Date/Time: 03/01/2022 10:31  
Login ID: mcjdj  
Incident Type: All  
Call Source: All

From Date: 02/01/2022 00:00  
To Date: 02/28/2022 23:59

McFarland Police Department  
ORI Number: WI0137300

Officer ID: All  
Location: All

| Incident Type                   | Number of Incidents |
|---------------------------------|---------------------|
| 911 Abandoned Call              | 4                   |
| 911 Call Silent                 | 5                   |
| 911 Call Unintentional          | 13                  |
| 911 Disconnect                  | 5                   |
| Accident Hit and Run            | 1                   |
| Accident Mv/Deer                | 1                   |
| Accident Private Property       | 1                   |
| Accident Property Damage        | 7                   |
| Accident Unknown Injuries       | 1                   |
| Accident w/Injuries             | 1                   |
| Adult Arrested Person           | 2                   |
| Alarm                           | 3                   |
| Animal Bite                     | 1                   |
| Animal Complaint/Disturbance    | 2                   |
| Animal Stray                    | 4                   |
| Assist Citizen                  | 26                  |
| Assist EMS/Fire                 | 39                  |
| Assist Police                   | 21                  |
| Check Person                    | 14                  |
| Check Property                  | 67                  |
| Damage to Property              | 1                   |
| Disturbance                     | 1                   |
| Disturbance Unwanted Person     | 2                   |
| Domestic Disturbance            | 4                   |
| Drug Incident/Investigation     | 5                   |
| Extortion                       | 1                   |
| Follow-Up                       | 4                   |
| Foot Patrol                     | 4                   |
| Fraud                           | 1                   |
| Information                     | 19                  |
| Juvenile Arrest                 | 1                   |
| Juvenile Complaint              | 1                   |
| Missing Juvenile/Runaway        | 3                   |
| Noise Complaint                 | 1                   |
| OMVWI Arrest/Intoxicated Driver | 5                   |
| Parking Complaint On Street     | 7                   |
| Phone                           | 6                   |
| Preserve the Peace              | 2                   |



## Incident Analysis Report Summary By Incident Type

McFarland Police Department  
Official Case Report  
**Do Not Re-Release**

Print Date/Time: 03/01/2022 10:31  
Login ID: mcjdj  
Incident Type: All  
Call Source: All

From Date: 02/01/2022 00:00  
To Date: 02/28/2022 23:59

McFarland Police Department  
ORI Number: WI0137300

Officer ID: All  
Location: All

| Incident Type                   | Number of Incidents |
|---------------------------------|---------------------|
| Problem Solving Property        | 1                   |
| Property Found                  | 3                   |
| Repo                            | 1                   |
| Safety Hazard                   | 7                   |
| Sex Offense Miscellaneous       | 1                   |
| Special Event                   | 2                   |
| Suspicious Vehicle              | 9                   |
| Test 911 Call                   | 1                   |
| Theft                           | 3                   |
| Theft Retail                    | 2                   |
| Threats Complaint               | 2                   |
| Traffic Complaint/Investigation | 21                  |
| Traffic Stop                    | 103                 |
| Trespass                        | 1                   |
| Unknown                         | 1                   |
| Violation of Court Order        | 2                   |
| <b>Total:</b>                   | <b>446</b>          |

## Department Report For February 2022 Activity

- **General**

- The Public Safety Center construction continues at a fairly strong pace. We have been receiving a considerable amount of product submittals for review. The contractor has been working to avoid substantial delays due to supply chain issues and some possibilities have been identified. They are working on plans to minimize them as much as possible. It does appear that they should be able to meet the schedule, but a few essential items are scheduled to arrive at the last minute.
- We met with four turnout gear suppliers and shared some good information from the vendors. We hope that we can keep costs similar to our current costs with some minor modifications to our specification. We are awaiting final quotes to make a determination on the vendor to place this year's order. We usually purchase gear in the fall; however, current lead times have doubled to tripled in length for the spring. The fall would prevent the purchase from occurring within the budget cycle.
- The vacancy that is noted later in the report has brought up a review of our current level of service. The Public Safety Analysis that was completed in early 2019 identified that the department should upgrade the level of service to paramedic. While time to study will delay filling our vacancy, filling the vacancy with an individual that aligns with the future of service warrants the time. The topic is planned to be discussed at the Public Safety Committee on March 9<sup>th</sup>.
- On February 2<sup>nd</sup>, the Rome Fire Department in Jefferson County had a house fire that depleted several Jefferson County Departments. MABAS Division 118 (Jefferson County) requested a Task Force to provide coverage for a large portion of Jefferson County from the Jefferson Fire Station. Engine 1, Rescue 84, and Car 1 were deployed as part of the nine-vehicle team with 27 staff members. While the team was assembling at the Deerfield Fire Station, a request was received from the Watertown Fire Department for the task force. The task force was disregarded a few blocks from the incident. The task force then returned to the initial

mission by staffing the Jefferson Station. Crews were reduced as Jefferson County units were released from the Town of Rome fire. However, Engine 1 and later Car 1 did respond to an apartment building for an odor investigation. We did staff Rescue 82 while Rescue 84 was deployed.

- The incident serves as an example of the difficulties that EMS and fire departments are having not only in the state but across the nation. The daytime staffing is not permitting departments to address incidents that they once did without mutual aid or with one or two departments. This incident not only affected well over a dozen departments but impacted two counties. As little as 5-10 years ago, it would be unheard of having this quantity of communities impacted by a house fire. However, today it is becoming more common.
- On February 4<sup>th</sup> we provided assistance to Oregon Area Fire/EMS at a structure fire in the Town of Brooklyn. We had Rescue 84, Car 1, and Tender 6 respond to the scene. As the incident deescalated, Rescue 84 was relocated to the Oregon station to provide EMS coverage for their area, while Tender 6 and Car 1 were released to return to quarters. Once the fire was knocked down, the Incident Commander requested additional units to provide a fire watch until daylight and Oregon crews were able to recover. Ladder 8 and Car 1 responded to assist. We were able to staff Rescue 82 during the incident to ensure McFarland had EMS coverage.

- **Operations**

- We placed the firefighter staffing workgroup on hold due to other tasks needing attention currently. We hope that we will be able to start the workgroup with a draft policy in March.
- We have seen COVID-19 cases return to a low level again. We are continuing to use preventive measures and the measures are working. We have not had any staff members develop COVID-19 due to exposure to an incident.
- The incident reports for the month have been produced from the one records management system again, and the previous medical reports are now based on patient contacts only. The new reports will not double count the ambulance responding on fire incidents or fire apparatus

responding to medical incidents. This is the second month of performing the new reports.

- **Personnel**

- Current Staffing Levels
  - Full-time Fire & Rescue Chief – 1
  - Full-time Administrative Captain – 1 (on light duty)
  - Full-time Fire Inspector/Public Education Specialist – 1
  - Full-time EMT/FFs – 6 (1 resignation submitted)
  - Full-time Confidential Administrative Assistant – 1 (50%)
  - Paid-On-Call – 48 (10 EMTs (2 on medical leave), 25 Firefighters (2 Active Retired, 1 on medical leave, 1 on personal leave), 6 EMR/Firefighter (1 Active Retired), & 7 EMT/Firefighters (1 on leave))
  - Total Staffing Level – 58
  - Preferred Paid-On-Call staff – 30 EMTs and 45 Firefighters. The current level is down 13 EMTs and 7 firefighters from preferred amounts.
- Career EMT/FF Becky Blanke has submitted her resignation. She is in the process of completing her Master's degree and is switching to part-time with another agency and Paid-On-Call with us. She is looking to reduce her work time to allow more time to focus on her classes.
- Administrative Captain Reiter will remain on light duty for some time. His injury was more severe than initially thought. He is expected to be on light duty through the first quarter of 2022 and possibly the second quarter.
- We have seven individuals that interviewed with the membership committee and six have moved onto background screening. One that didn't progress requested to be removed from the process due to being deployed with the military. Three are requesting EMT status, two are requesting firefighter status, and one is requesting to be dual disciplined (EMT/FF).



| <b><u>Inspection/Prevention Activity</u></b> | <b><u>Completed</u></b> | <b><u>Year to Date Total</u></b> |
|----------------------------------------------|-------------------------|----------------------------------|
| Building Inspections                         | 54                      | 112                              |
| Fire Code Violations Identified              | 6                       | 12                               |
| Re-inspections Completed                     | 4                       | 15                               |
| Corrections Noted                            | 3                       | 18                               |
| Building Plan Reviews                        | 3                       | 5                                |
| Development Reviews                          | 0                       | 3                                |
| Acceptance Test/site visits                  | 1                       | 2                                |
| Fire Drills                                  | 0                       | 0                                |
| AHA-CPR Classes                              | 0                       | 0                                |
| AHA Attendance Total                         | 0                       | 0                                |
| Public Education                             | 2                       | 2                                |
| Public Education Attendance                  | 213                     | 213                              |
| Home Prevention Installations                | 0                       | 0                                |

### **Apparatus & Equipment**

- The cost of fuel will be an impact on our budget as it is currently trending well over 75% of the last two-year averages. Some can be attributed to increased training and trucks being driven to and from vendors for repairs.
- The replacement aerial is progressing. The current projected completion would be in April/May of 2022. We have attached our latest report showing the painting process has begun.
- 1997 Aerial Ladder (Ladder 8) had the steering ram replaced by the Village Mechanic. Additionally, the day before the repair the exhaust piping had a large portion fall off and was replaced by the Village Mechanic. The aerial device was found to be leaking hydraulic fluid from one of the lift cylinders. Due to the necessity of the aerial device for the coming months and resale pricing, it was determined to repair the one cylinder. The truck is equipped with two lift cylinders, and one will not be repaired even though it is recommended typically to repair both at the same time. With the short life of the truck here it was not beneficial to the Village to repair both. The truck is currently out of service with the repairs and is expected to be out of service for a total of two weeks.
- 2014 Tanker (Tender 6) we determined the dump valve was experiencing difficulties when operating in cold weather. The dealer performed repairs on the valve and testing during colder weather. Once the truck returned,

we performed colder weather testing and found the operation has improved. We will be continuing to monitor the issue.

- 2005 Pumper (Engine 1) the water leak was determined to be the fire pumping packing which requires some water dripping for lubrication during pumping, but shouldn't when not in use. The leak will be adjusted during pump testing in a couple of months. The truck did experience an issue with the multiplex control system (aka computer/electronics). Our vendor determined a cable had failed and a control module. Both of which were repaired but required the truck to be out of service for five days.
- The 2000 Heavy Rescue (Squad 5) was sold at auction.
- The 2018 Pumper (Engine 2) has a couple of ground lighting heads not working and the warning lights on the ladder rack are working intermittently. The Village Mechanic is planned to perform the repairs.

**McFarland Fire & Rescue - Fire Incidents**  
Alarm Date between 2022-02-01 and 2022-02-28

| Incident Type Details                                   | Total     |
|---------------------------------------------------------|-----------|
| 111 - Building fire                                     | 4         |
| 113 - Cooking fire, confined to container               | 1         |
| 114 - Chimney or flue fire, confined to chimney or flue | 1         |
| 311 - Medical assist, assist EMS crew                   | 1         |
| 321 - EMS call, excluding vehicle accident with injury  | 47        |
| 424 - Carbon monoxide incident                          | 1         |
| 463 - Vehicle accident, general cleanup                 | 2         |
| 482 - Threat to burn                                    | 1         |
| 571 - Cover assignment, standby, moveup                 | 2         |
| 611 - Dispatched & canceled en route                    | 1         |
| 6111 - Cancelled En Route - Auto Aid Fire               | 1         |
| 6113 - Cancelled En Route - Mutual Aid Fire             | 2         |
| 6114 - Cancelled En Route - Mutual Aid EMS              | 3         |
| 622 - No incident found on arrival at dispatch address  | 1         |
| 631 - Authorized controlled burning                     | 1         |
| 652 - Steam, vapor, fog or dust thought to be smoke     | 1         |
| 671 - HazMat release investigation w/no HazMat          | 2         |
| 744 - Detector activation, no fire - unintentional      | 1         |
| 745 - Alarm system activation, no fire - unintentional  | 3         |
| 746 - Carbon monoxide detector activation, no CO        | 2         |
| <b>Total</b>                                            | <b>78</b> |

**McFarland Fire & Rescue - Fire Incidents**  
Alarm Date between 2022-01-01 and 2022-02-28

| Incident Type Details                                   | Total      |
|---------------------------------------------------------|------------|
| 111 - Building fire                                     | 6          |
| 113 - Cooking fire, confined to container               | 1          |
| 114 - Chimney or flue fire, confined to chimney or flue | 1          |
| 311 - Medical assist, assist EMS crew                   | 2          |
| 320 - Emergency medical service incident, other         | 3          |
| 321 - EMS call, excluding vehicle accident with injury  | 107        |
| 322 - Motor vehicle accident with injuries              | 4          |
| 381 - Rescue or EMS standby                             | 2          |
| 411 - Gasoline or other flammable liquid spill          | 1          |
| 424 - Carbon monoxide incident                          | 2          |
| 445 - Arcing, shorted electrical equipment              | 1          |
| 463 - Vehicle accident, general cleanup                 | 2          |
| 482 - Threat to burn                                    | 1          |
| 542 - Animal rescue                                     | 1          |
| 571 - Cover assignment, standby, moveup                 | 3          |
| 611 - Dispatched & canceled en route                    | 3          |
| 6111 - Cancelled En Route - Auto Aid Fire               | 1          |
| 6113 - Cancelled En Route - Mutual Aid Fire             | 2          |
| 6114 - Cancelled En Route - Mutual Aid EMS              | 4          |
| 622 - No incident found on arrival at dispatch address  | 1          |
| 631 - Authorized controlled burning                     | 1          |
| 652 - Steam, vapor, fog or dust thought to be smoke     | 1          |
| 671 - HazMat release investigation w/no HazMat          | 2          |
| 735 - Alarm system sounded due to malfunction           | 1          |
| 741 - Sprinkler activation, no fire - unintentional     | 1          |
| 744 - Detector activation, no fire - unintentional      | 1          |
| 745 - Alarm system activation, no fire - unintentional  | 5          |
| 746 - Carbon monoxide detector activation, no CO        | 2          |
| <b>Total</b>                                            | <b>162</b> |

## Runs by Dispatch Reason - MFR

| Complaint Reported By Dispatch         | Number of Reports | Percent of Total Reports |
|----------------------------------------|-------------------|--------------------------|
| Allergic Reaction/Stings               | 1                 | 1.92%                    |
| Breathing Problem                      | 6                 | 11.54%                   |
| Chest Pain (Non-Traumatic)             | 2                 | 3.85%                    |
| Convulsions/Seizure                    | 1                 | 1.92%                    |
| Falls                                  | 11                | 21.15%                   |
| Heart Problems/AICD                    | 1                 | 1.92%                    |
| Hemorrhage/Laceration                  | 1                 | 1.92%                    |
| Overdose/Poisoning/Ingestion           | 2                 | 3.85%                    |
| Sick Person                            | 11                | 21.15%                   |
| Stroke/CVA                             | 3                 | 5.77%                    |
| Traffic/Transportation Incident        | 2                 | 3.85%                    |
| Transfer/Interfacility/Palliative Care | 3                 | 5.77%                    |
| Traumatic Injury                       | 1                 | 1.92%                    |
| Unconscious/Fainting/Near-Fainting     | 6                 | 11.54%                   |
| Unknown Problem/Person Down            | 1                 | 1.92%                    |
| Total: 52                              |                   | Total: 100.00%           |

## Report Filters

Incident Date: is equal to 'Last Month'

**\*\*Note report is based on patient care reports. Incidents with multiple patients will cause additional reports. Total incidents will be more than total reports indicated.**

## Runs by Dispatch Reason - MFR

| Complaint Reported By Dispatch         | Number of Reports | Percent of Total Reports |
|----------------------------------------|-------------------|--------------------------|
| Abdominal Pain/Problems                | 2                 | 1.55%                    |
| Allergic Reaction/Stings               | 2                 | 1.55%                    |
| Automated Crash Notification           | 1                 | 0.78%                    |
| Breathing Problem                      | 11                | 8.53%                    |
| Cardiac Arrest/Death                   | 3                 | 2.33%                    |
| Chest Pain (Non-Traumatic)             | 3                 | 2.33%                    |
| Choking                                | 1                 | 0.78%                    |
| Convulsions/Seizure                    | 5                 | 3.88%                    |
| Falls                                  | 19                | 14.73%                   |
| Fire                                   | 2                 | 1.55%                    |
| Heart Problems/AICD                    | 1                 | 0.78%                    |
| Hemorrhage/Laceration                  | 6                 | 4.65%                    |
| Overdose/Poisoning/Ingestion           | 6                 | 4.65%                    |
| Pregnancy/Childbirth/Miscarriage       | 1                 | 0.78%                    |
| Sick Person                            | 30                | 23.26%                   |
| Stroke/CVA                             | 3                 | 2.33%                    |
| Traffic/Transportation Incident        | 5                 | 3.88%                    |
| Transfer/Interfacility/Palliative Care | 4                 | 3.10%                    |
| Traumatic Injury                       | 2                 | 1.55%                    |
| Unconscious/Fainting/Near-Fainting     | 21                | 16.28%                   |
| Unknown Problem/Person Down            | 1                 | 0.78%                    |
| Total: 129                             |                   | Total: 100.00%           |

## Report Filters

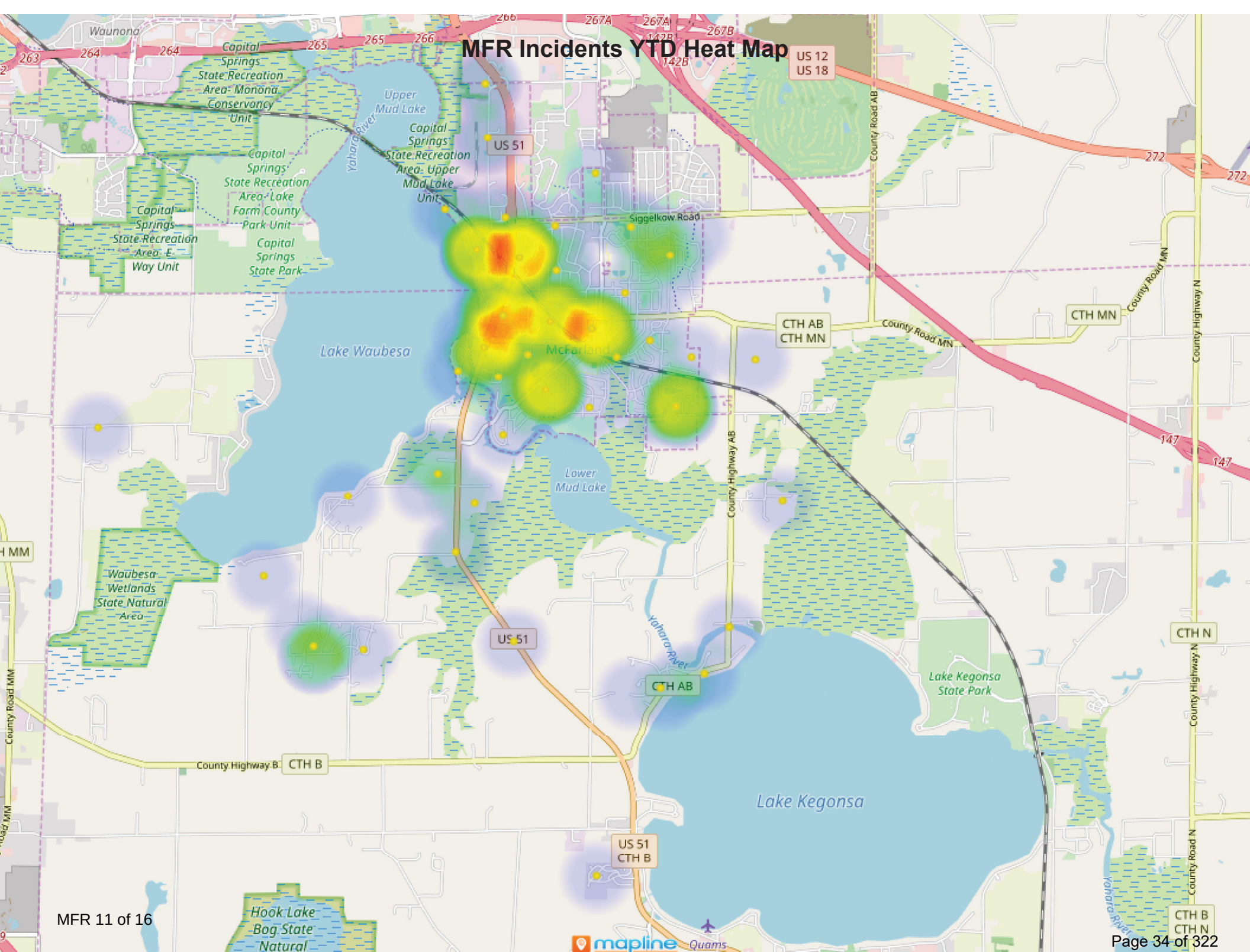
Incident Date: is equal to 'This Year'

**\*\*Note report is based on patient care reports. Incidents with multiple patients will cause additional reports. Total incidents will be more than total reports indicated.**

This map displays the geographic distribution of Minimum Fuel Reserve (MFR) incidents throughout Southern Wisconsin for the year-to-date period. The map uses a color-coded heat overlay to indicate the density of incidents, with red and orange areas representing higher concentrations. Major transportation corridors, including US Highways 12, 14, 151, 18, and 51, as well as Wisconsin State Highways 19, 30, 39, 52, 73, 89, 106, 138, 139, 140, 151, 156, 160, 190, and 266, are clearly marked. Numerous airports are identified, including Dane County Regional Airport, Sun Prairie Airport, Der Schwarzwald Airport, Tesmer Airport, Al's Airway Airport, Blackhawk Field, Goose Lake State Wildlife Area, Ha-Rail Airport, J Rock Airport, Oakbrook Airport, Fort Atkinson, Matson Airport, Wisersky Airport, Uff-Da Airport, McManus Hoanck-Na-Shee-Kaw Airport, Spiegel Field, Syvrud Airport, Peterson Field, and Blackburn Airport. The map also shows major water bodies like Lake Monona, Lake Kegonsa, and Lake Koshkonong. The map is titled "MFR Incidents YTD Heat Map" and includes a legend for "MFR 10 of 16" and "Page 33 of 322".

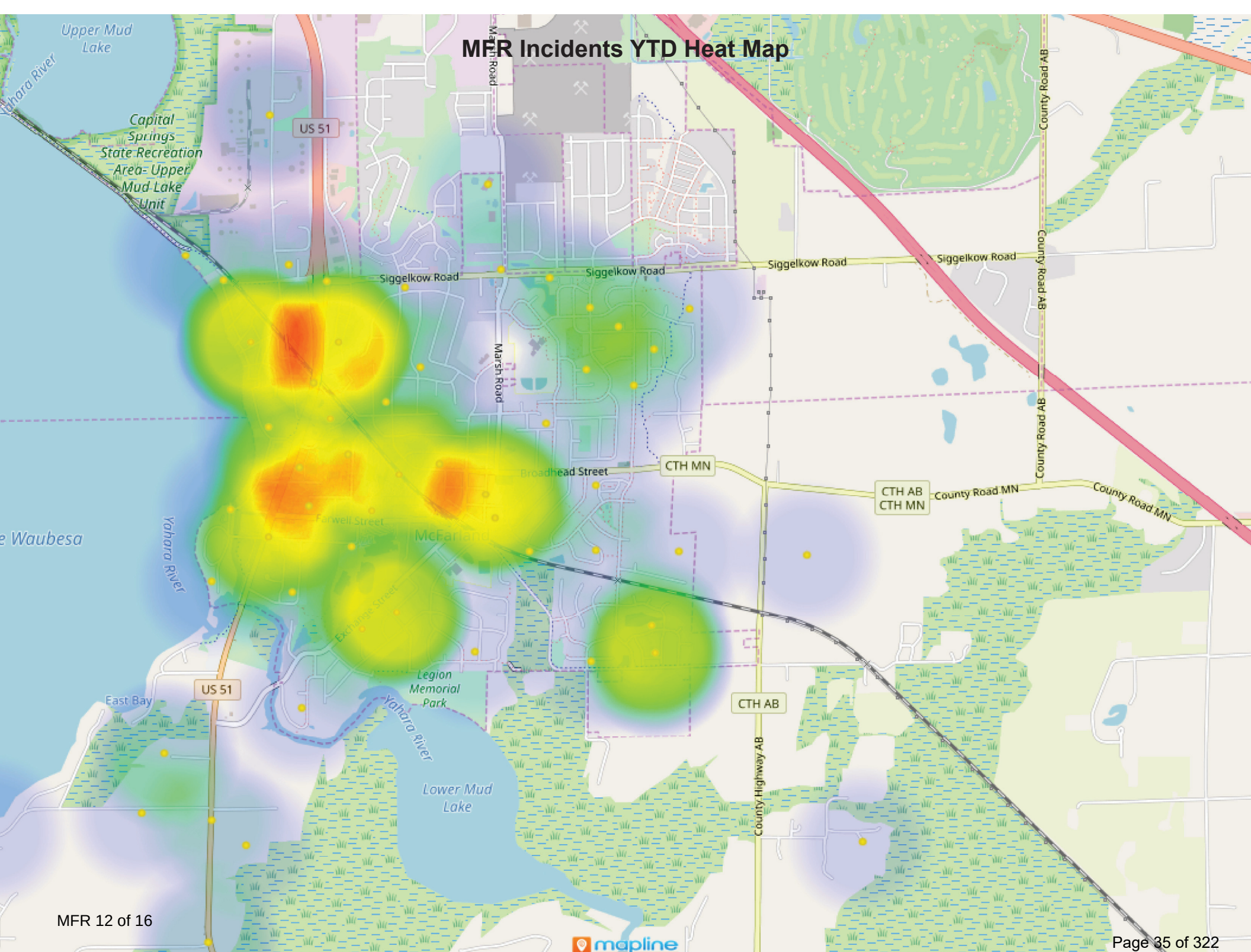


# MFR Incidents YTD Heat Map





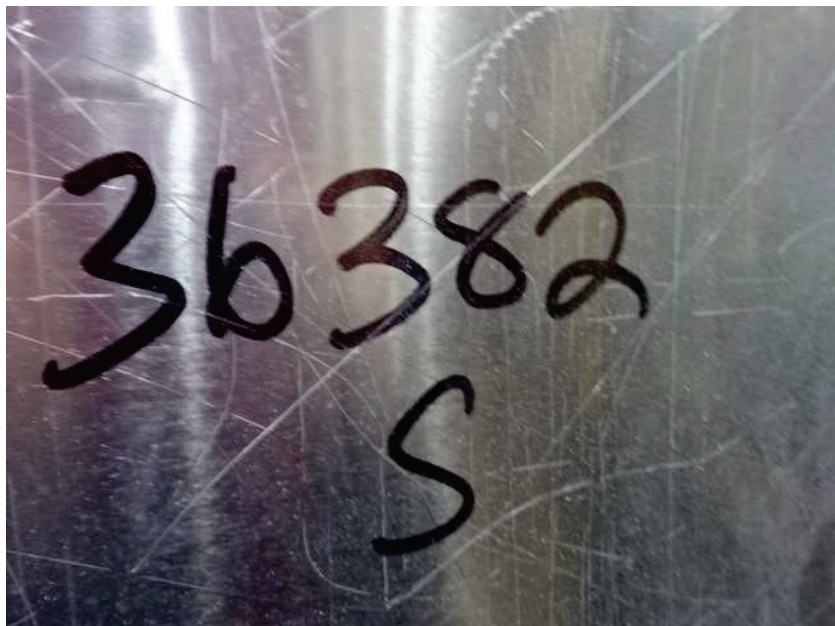
# MFR Incidents YTD Heat Map



# Photo Album for McFarland Fire and Rescue, WI Job 36382 February 25, 2022

In this report your cab completed fabrication and began the paint process. In your next report your cab may continue through paint.





DSC04388



DSC04389



DSC04390



DSC04391



DSC04392



<http://reliantfire.com/>



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MFR 16 of 16



**VILLAGE OF**  
**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Consent Agenda

The Consent Agenda is for routine, procedural, and self-explanatory non-controversial items. Items will be approved by one motion unless a Board member requests that the item be removed. Board members who have a question on an item on the consent agenda or would like to have additional discussion, should request an item be removed from the consent agenda and discussed separately. Items requested to be dealt with separately, will be dealt with in the same order in which they were originally listed on the Consent Agenda under Business.

VILLAGE OF MCFARLAND

**Village Board Minutes**

*Monday, February 28, 2022 - 7:00 PM*

**1. CALL TO ORDER.**

Village President Clow called the regular meeting of the McFarland Village Board to order at 7:00 pm in the Community Room of the McFarland Municipal Center.

**2. ATTENDANCE/ROLL CALL.**

Village Board members present: Village Trustee Stephanie Brassington, Village President Carolyn Clow, Village Trustee Michael Flaherty(joined at 7:05 p.m.), Village Trustee Justin Rupert, Village Trustee Edward Wreh, Village Trustee Carrie Nelson, Village Trustee Chris St. Clair

Village Board members not present: None.

Staff Present: Administrator Matt Schuenke, Clerk/Treasurer Cassandra Suettinger, Police Chief Aaron Chapin, Community and Economic Development Director Andrew Bremer, Public Works Director Jim Hessling, Outreach Director Lori Andersen, Fire/EMS Director Chris Dennis, and Communications & Technology Director Stephanie Miller.

**3. PUBLIC ANNOUNCEMENTS AND COMMUNICATIONS.**

a. Public Announcements

b. Public Communications

**4. CONSENT AGENDA.**

a. All items listed under the Consent Agenda will be approved in one motion unless a Board member requests that the item be removed for individual discussion and action. Any item(s) removed for individual consideration shall be considered in the same order in which they were originally listed on the agenda under Business.

1) Motion to approve the minutes of the February 14, 2022 meeting.

2) Motion to approve checks in the amount of \$667,783.95.

3) Motion to approve the new position title and description of the Office Manager to replace the former position title and description of the Administrative Assistant within the Police Department.

4) Motion to approve the new position title and description of the Office Assistant to replace the former position title and description of the Clerk III within the Police Department.

5) Motion to approve updating the organization chart for the Police Department.

6) Motion to approve Resolution #2022-04: a resolution consenting to the extension of a



line of credit for Madison Curling Club and confirming the Village's guaranty of the corresponding debt.

Motion by Village President Carolyn Clow, second by Village Trustee Carrie Nelson, to approve the consent agenda as presented. Motion carries 5 - 0 - 1 by acclamation on item 4a.1) with Trustee Rupert abstaining and 6 - 0 - 0 by acclamation on items 4a.2) through 4a.6).

## **5. PUBLIC APPEARANCES.**

- a. This is an opportunity for members of the public to address the Village Board. Please remember this is a virtual meeting conducted through the Zoom online meeting platform. Zoom meeting attendees wishing to address the board may do so using the Question and Answer feature within the Zoom online meeting platform. You may state your name, address, and provide your comments to the board for their consideration. Members of the public who are present in person and wish to address the board should fill out a public comment form and turn into the meeting chairperson. Members of the public may speak during public appearances or during their selected agenda item as they designate on the public comment form. Please adhere to the 3-minute time limit. Additionally, you may send your public comments to [cassandra.suettinger@mcfarland.wi.us](mailto:cassandra.suettinger@mcfarland.wi.us) to be included as part of the meeting.
- None.

## **6. BUSINESS.**

- a. Discussion and action on Resolution 2022-07: A Resolution of Commendation for Mike Klementz after 30 years of service to the Village.

Motion by Village President Carolyn Clow, second by Village Trustee Edward Wreh, to approve Resolution 2022-07: A Resolution of Commendation for Mike Klementz after 30 years of service to the Village. Motion carries 7 - 0 - 0 by acclamation.

- b. Presentation of Resolution 2022-07: A Resolution of Commendation for Mike Klementz after 30 years of service to the Village.

President Clow presented Resolution 2022-07: A Resolution of Commendation for Mike Klementz after 30 years of service to the Village to Mike Klementz. She thanked him for his service to the Village and a tremendous career that had an impact on so many. Chief Chapin also thanked and commended Detective Klementz for his service to the Village.

- c. Discussion and action regarding Resolution #2022-05: a resolution authorizing the issuance and awarding the sale of \$4,365,000 General Obligation Promissory Notes; providing the form of the notes; and levying a tax in connection therewith.

Motion by Village President Carolyn Clow, second by Village Trustee Chris St. Clair, to approve Resolution #2022-05: a resolution authorizing the issuance and awarding the sale of \$4,365,000 General Obligation Promissory Notes; providing the form of the notes; and levying a tax in connection therewith. Motion carries 7 - 0 - 0 by acclamation.

- d. Discussion and action regarding Resolution #2022-06: a resolution awarding the sale of \$7,200,000 General Obligation Public Safety Center Bonds; providing the form of the bonds; and levying a tax in connection therewith.

Motion by Village President Carolyn Clow, second by Village Trustee Edward Wreh, to



approve Resolution #2022-06: a resolution awarding the sale of \$7,200,000 General Obligation Public Safety Center Bonds; providing the form of the bonds; and levying a tax in connection therewith. Motion carries 7 - 0 - 0 by acclamation.

- e. Discussion and action regarding the plan for borrowing in order to fund the 2022 and 2023 Capital Improvement Plan for the Water Utility through Water Revenue Bonds as presented by Carol Wirth of Wisconsin Public Finance Professionals.

Motion by Village President Carolyn Clow, second by Trustee St. Clair, to approve the plan for borrowing in order to fund the 2022 and 2023 Capital Improvement Plan for the Water Utility through Water Revenue Bonds as presented by Carol Wirth of Wisconsin Public Finance Professionals. Motion carries 7 - 0 - 0 by acclamation.

- f. Plan Commission (President Clow & Trustee St. Clair)

- 1) Discussion and action regarding the selection of a consultant for the East Side Neighborhood Economic Development and Land Use Plan.

Motion by Village President Carolyn Clow, second by Village Trustee Chris St. Clair, to approve selection of a consultant for the East Side Neighborhood Economic Development and Land Use Plan. Motion carries 6 - 0 - 0 by acclamation.

Trustee Flaherty joined at 7:10 p.m.

- g. Discussion and action regarding the selection of a consultant for the McFarland Municipal Center Campus Master Plan.

Motion by Village President Carolyn Clow, second by Village Trustee Edward Wreh, to accept the revised proposal from SEH and EUA in the amount of \$150,000 for master planning services for future improvements in and around the McFarland Municipal Center. Motion carries 7 - 0 - 0 by acclamation.

- h. Discussion and action regarding Ordinance #2022-02: an ordinance amending various provisions of the McFarland Municipal Code related to Village committee organizations and functions and making certain clerical corrections.

Motion by Village President Carolyn Clow, second by Village Trustee Chris St. Clair, to approve Ordinance #2022-02: an ordinance amending various provisions of the McFarland Municipal Code related to Village committee organizations and functions and making certain clerical corrections. Motion carries 6 - 0 - 0 by acclamation.

- i. Discussion and action to approve the meeting schedule for boards, commissions, and committees.

Motion by Village President Carolyn Clow, second by Village Trustee Chris St. Clair, to approve the meeting schedule for boards, commissions, and committees to be effective May 1, 2022. Motion carries 0 - 0 - 0 by acclamation.

- j. Future Authority, Board, Commission, and Committee agenda items requests and referrals - This is an opportunity for Village board members to put forth Authority, Board, Commission and Committee agenda item requests and referrals, without discussion.

None.

## 7. ADJOURNMENT.

Motion by Village Trustee Edward Wreh, second by Village Trustee Michael Flaherty, to

adjourn at 8:53 p.m.

Pursuant to law, written notice of this meeting was given to the public and posted on the public bulletin boards in accordance with Open Meetings Law.

Respectfully submitted,  
Cassandra Suettinger  
Clerk/Treasurer

## Report Criteria:

Detail report type printed

| Vendor Number | Name                | Invoice Number | Description           | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
|---------------|---------------------|----------------|-----------------------|-----|--------------|----------------|-----------------|--------------|------------------|
| 4             | MIDDLETON FORD      | 153410         | SQUAD MAINTENANCE     | 1   | 03/03/2022   | 123.16         | .00             | 123.16       | 03/11/2022       |
|               |                     | 153430         | SQUAD MAINTENANCE     | 1   | 03/04/2022   | 70.24          | .00             | 70.24        | 03/11/2022       |
|               |                     | 153461         | VEHICLE PARTS TRUCK   | 1   | 03/08/2022   | 5.20           | .00             | 5.20         | 03/11/2022       |
|               |                     | 153461         | VEHICLE PARTS TRUCK   | 2   | 03/08/2022   | 5.20           | .00             | 5.20         | 03/11/2022       |
|               |                     | 153461         | VEHICLE PARTS TRUCK   | 3   | 03/08/2022   | 5.20           | .00             | 5.20         | 03/11/2022       |
|               |                     | 153461         | VEHICLE PARTS TRUCK   | 4   | 03/08/2022   | 19.09          | .00             | 19.09        | 03/11/2022       |
| Total 4:      |                     |                |                       |     |              | 228.09         | .00             | 228.09       |                  |
| 10            | ARAMARK             | 0016415425     | MAT RENTAL            | 1   | 02/25/2022   | 52.33          | .00             | 52.33        | 03/11/2022       |
|               |                     | 0016415477     | MATS                  | 1   | 03/04/2022   | 52.33          | .00             | 52.33        | 03/11/2022       |
| Total 10:     |                     |                |                       |     |              | 104.66         | .00             | 104.66       |                  |
| 30            | ALLIANT ENERGY/WP&L | 021522         | WATER TOWER - HOLSC   | 1   | 02/15/2022   | 26.59          | .00             | 26.59        | 03/04/2022       |
|               |                     | 021522         | TRAFFIC FLASHERS - FA | 2   | 02/15/2022   | 17.59          | .00             | 17.59        | 03/04/2022       |
|               |                     | 021522         | TRAFFIC FLASHERS - FA | 3   | 02/15/2022   | 17.33          | .00             | 17.33        | 03/04/2022       |
|               |                     | 021522         | BASHFORD ST - TRAFFIC | 4   | 02/15/2022   | 18.23          | .00             | 18.23        | 03/04/2022       |
|               |                     | 021522         | STREET LIGHTING (1)   | 5   | 02/15/2022   | 8,945.31       | .00             | 8,945.31     | 03/04/2022       |
|               |                     | 021522         | STREET LIGHTING (2)   | 6   | 02/15/2022   | 346.03         | .00             | 346.03       | 03/04/2022       |
|               |                     | 021522         | CEDAR GLADE AERATOR   | 7   | 02/15/2022   | 14.73          | .00             | 14.73        | 03/04/2022       |
|               |                     | 021522         | FLOWER CORNER         | 8   | 02/15/2022   | 35.09          | .00             | 35.09        | 03/04/2022       |
|               |                     | 021522         | FLOWER CORNER         | 9   | 02/15/2022   | 26.91          | .00             | 26.91        | 03/04/2022       |
|               |                     | 021522         | LEWIS PARK            | 10  | 02/15/2022   | 338.79         | .00             | 338.79       | 03/04/2022       |
|               |                     | 021522         | TRAFFIC FLASHERS - CR | 11  | 02/15/2022   | 17.08          | .00             | 17.08        | 03/04/2022       |
|               |                     | 021522         | BRANDT PARK           | 12  | 02/15/2022   | 42.24          | .00             | 42.24        | 03/04/2022       |
|               |                     | 021522         | LIFT #3               | 13  | 02/15/2022   | 56.45          | .00             | 56.45        | 03/04/2022       |
|               |                     | 021522         | LIFT #2               | 14  | 02/15/2022   | 211.77         | .00             | 211.77       | 03/04/2022       |
|               |                     | 021522         | LIFT #1               | 15  | 02/15/2022   | 183.54         | .00             | 183.54       | 03/04/2022       |
|               |                     | 021522         | WELL #4               | 16  | 02/15/2022   | 57.41          | .00             | 57.41        | 03/04/2022       |
|               |                     | 021522         | WELL #3               | 17  | 02/15/2022   | 150.29         | .00             | 150.29       | 03/04/2022       |
|               |                     | 021522         | WELL #1               | 18  | 02/15/2022   | 116.85         | .00             | 116.85       | 03/04/2022       |
|               |                     | 021522         | WELL #3               | 19  | 02/15/2022   | 1,309.30       | .00             | 1,309.30     | 03/04/2022       |
|               |                     | 021522         | WELL #1               | 20  | 02/15/2022   | 501.69         | .00             | 501.69       | 03/04/2022       |
|               |                     | 021522         | WATER TOWER - BURMA   | 21  | 02/15/2022   | 65.23          | .00             | 65.23        | 03/04/2022       |
|               |                     | 021522         | LIFT #5               | 22  | 02/15/2022   | 242.16         | .00             | 242.16       | 03/04/2022       |
|               |                     | 021522         | SIRENS                | 23  | 02/15/2022   | 27.97          | .00             | 27.97        | 03/04/2022       |
| Total 30:     |                     |                |                       |     |              | 12,768.58      | .00             | 12,768.58    |                  |
| 68            | BADGER WELDING SUPP | 3696800        | WELD SUPPLIES         | 1   | 02/24/2022   | 43.96          | .00             | 43.96        | 03/11/2022       |
|               |                     | 3696800        | WELD SUPPLIES         | 2   | 02/24/2022   | 11.98          | .00             | 11.98        | 03/11/2022       |
|               |                     | 3696800        | WELD SUPPLIES         | 3   | 02/24/2022   | 11.98          | .00             | 11.98        | 03/11/2022       |
|               |                     | 3696800        | WELD SUPPLIES         | 4   | 02/24/2022   | 11.98          | .00             | 11.98        | 03/11/2022       |
|               |                     | 3697470        | ACETYLENE & OXYGEN    | 1   | 02/28/2022   | 6.16           | .00             | 6.16         | 03/11/2022       |
|               |                     | 3697470        | ACETYLENE & OXYGEN    | 2   | 02/28/2022   | 1.68           | .00             | 1.68         | 03/11/2022       |
|               |                     | 3697470        | ACETYLENE & OXYGEN    | 3   | 02/28/2022   | 1.68           | .00             | 1.68         | 03/11/2022       |
|               |                     | 3697470        | ACETYLENE & OXYGEN    | 4   | 02/28/2022   | 1.68           | .00             | 1.68         | 03/11/2022       |
| Total 68:     |                     |                |                       |     |              | 91.10          | .00             | 91.10        |                  |
| 115           | BRANDT, BRETT       | BB022522       | PLOW MEALS            | 1   | 02/25/2022   | 19.50          | .00             | 19.50        | 03/11/2022       |

| Vendor Number | Name                | Invoice Number | Description           | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
|---------------|---------------------|----------------|-----------------------|-----|--------------|----------------|-----------------|--------------|------------------|
|               |                     |                |                       |     |              |                |                 |              |                  |
|               | Total 115:          |                |                       |     |              | 19.50          | .00             | 19.50        |                  |
| 150           | CDW GOVERNMENT INC  | T139364        | WALL BRACKETS (NEW P  | 1   | 03/08/2022   | 149.28         | .00             | 149.28       | 03/11/2022       |
|               | Total 150:          |                |                       |     |              | 149.28         | .00             | 149.28       |                  |
| 157           | CHAMPIONSHIP AWARD  | 65968          | PLAQUE                | 1   | 02/28/2022   | 50.00          | .00             | 50.00        | 03/11/2022       |
|               | Total 157:          |                |                       |     |              | 50.00          | .00             | 50.00        |                  |
| 158           | CHARTER COMMUNICATI | 0003261030     | CHARTER CABLE         | 1   | 03/01/2022   | 110.43         | .00             | 110.43       | 03/11/2022       |
|               | Total 158:          |                |                       |     |              | 110.43         | .00             | 110.43       |                  |
| 247           | DANE CO TREASURER   | 154-030122     | JAIL & SURCHARGES - F | 1   | 03/01/2022   | 1,635.40       | .00             | 1,635.40     | 03/11/2022       |
|               | Total 247:          |                |                       |     |              | 1,635.40       | .00             | 1,635.40     |                  |
| 318           | EGS                 | 814107         | WATER UTILITY SUPPLIE | 1   | 02/23/2022   | 35.67          | .00             | 35.67        | 03/11/2022       |
|               | Total 318:          |                |                       |     |              | 35.67          | .00             | 35.67        |                  |
| 338           | ENGELHART INC       | 1764663        | MOTO MIX              | 1   | 02/01/2022   | 33.96          | .00             | 33.96        | 03/11/2022       |
|               | Total 338:          |                |                       |     |              | 33.96          | .00             | 33.96        |                  |
| 341           | ENVIRONMENT CONTRO  | 21624-613      | JANITORIAL SERVICES   | 1   | 03/01/2022   | 2,249.00       | .00             | 2,249.00     | 03/11/2022       |
|               |                     | 21624-613      | JANITORIAL SERVICES - | 2   | 03/01/2022   | 450.00         | .00             | 450.00       | 03/11/2022       |
|               |                     | 21716-613      | MC CLEANING           | 1   | 03/01/2022   | 1,457.00       | .00             | 1,457.00     | 03/11/2022       |
|               |                     | 21716-613      | MC CLEANING - COVID19 | 2   | 03/01/2022   | 2,242.00       | .00             | 2,242.00     | 03/11/2022       |
|               | Total 341:          |                |                       |     |              | 6,398.00       | .00             | 6,398.00     |                  |
| 345           | JFTCO, INC          | PIMS017085     | EQUIPMENT PARTS       | 1   | 03/08/2022   | 74.12          | .00             | 74.12        | 03/11/2022       |
|               |                     | PIMS017085     | EQUIPMENT PARTS       | 2   | 03/08/2022   | 20.21          | .00             | 20.21        | 03/11/2022       |
|               |                     | PIMS017085     | EQUIPMENT PARTS       | 3   | 03/08/2022   | 20.21          | .00             | 20.21        | 03/11/2022       |
|               |                     | PIMS017085     | EQUIPMENT PARTS       | 4   | 03/08/2022   | 20.21          | .00             | 20.21        | 03/11/2022       |
|               |                     | PIMS017085     | EQUIPMENT PARTS       | 1   | 03/08/2022   | 7.63           | .00             | 7.63         | 03/11/2022       |
|               |                     | PIMS017085     | EQUIPMENT PARTS       | 2   | 03/08/2022   | 2.09           | .00             | 2.09         | 03/11/2022       |
|               |                     | PIMS017085     | EQUIPMENT PARTS       | 3   | 03/08/2022   | 2.09           | .00             | 2.09         | 03/11/2022       |
|               |                     | PIMS017085     | EQUIPMENT PARTS       | 4   | 03/08/2022   | 2.09           | .00             | 2.09         | 03/11/2022       |
|               | Total 345:          |                |                       |     |              | 148.65         | .00             | 148.65       |                  |
| 350           | FASTENAL COMPANY    | WIMAD4394      | NUTS AND BOLTS SHOP   | 1   | 02/14/2022   | 4.06           | .00             | 4.06         | 03/11/2022       |
|               |                     | WIMAD4394      | NUTS AND BOLTS SHOP   | 2   | 02/14/2022   | 4.06           | .00             | 4.06         | 03/11/2022       |
|               |                     | WIMAD4394      | NUTS AND BOLTS SHOP   | 3   | 02/14/2022   | 4.06           | .00             | 4.06         | 03/11/2022       |
|               |                     | WIMAD4394      | NUTS AND BOLTS SHOP   | 4   | 02/14/2022   | 14.88          | .00             | 14.88        | 03/11/2022       |
|               |                     | WIMAD4395      | NUTS AND BOLTS SHOP   | 1   | 02/17/2022   | 25.86          | .00             | 25.86        | 03/11/2022       |
|               |                     | WIMAD4395      | NUTS AND BOLTS SHOP   | 2   | 02/17/2022   | 25.86          | .00             | 25.86        | 03/11/2022       |
|               |                     | WIMAD4395      | NUTS AND BOLTS SHOP   | 3   | 02/17/2022   | 25.86          | .00             | 25.86        | 03/11/2022       |
|               |                     | WIMAD4395      | NUTS AND BOLTS SHOP   | 4   | 02/17/2022   | 94.85          | .00             | 94.85        | 03/11/2022       |
|               |                     | WIMAD4397      | SHOP SUPPLIES         | 1   | 02/24/2022   | 116.14         | .00             | 116.14       | 03/11/2022       |
|               |                     | WIMAD4397      | SHOP SUPPLIES         | 2   | 02/24/2022   | 31.68          | .00             | 31.68        | 03/11/2022       |
|               |                     | WIMAD4397      | SHOP SUPPLIES         | 3   | 02/24/2022   | 31.68          | .00             | 31.68        | 03/11/2022       |
|               |                     | WIMAD4397      | SHOP SUPPLIES         | 4   | 02/24/2022   | 31.68          | .00             | 31.68        | 03/11/2022       |

| Vendor Number | Name                  | Invoice Number | Description           | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
|---------------|-----------------------|----------------|-----------------------|-----|--------------|----------------|-----------------|--------------|------------------|
| Total 350:    |                       |                |                       |     |              | 410.67         | .00             | 410.67       |                  |
| 581           | MADISON TRUCK EQUIP   | 20037          | 2021 TRUCK #31 ADD ON | 1   | 03/09/2022   | 2,856.00       | .00             | 2,856.00     | 03/11/2022       |
| Total 581:    |                       |                |                       |     |              | 2,856.00       | .00             | 2,856.00     |                  |
| 634           | MENARDS - MONONA      | 26248          | PW SHOP LIGHTS EXTER  | 1   | 02/21/2022   | 34.50          | .00             | 34.50        | 03/11/2022       |
|               |                       | 26248          | PW SHOP LIGHTS EXTER  | 2   | 02/21/2022   | 9.41           | .00             | 9.41         | 03/11/2022       |
|               |                       | 26248          | PW SHOP LIGHTS EXTER  | 3   | 02/21/2022   | 9.41           | .00             | 9.41         | 03/11/2022       |
|               |                       | 26248          | PW SHOP LIGHTS EXTER  | 4   | 02/21/2022   | 9.40           | .00             | 9.40         | 03/11/2022       |
|               |                       | 26386          | MC POLICE DEPARTMEN   | 1   | 02/24/2022   | 3.60           | .00             | 3.60         | 03/11/2022       |
|               |                       | 26386          | MC POLICE DEPARTMEN   | 2   | 02/24/2022   | .98            | .00             | .98          | 03/11/2022       |
|               |                       | 26386          | MC POLICE DEPARTMEN   | 3   | 02/24/2022   | .98            | .00             | .98          | 03/11/2022       |
|               |                       | 26386          | MC POLICE DEPARTMEN   | 4   | 02/24/2022   | .98            | .00             | .98          | 03/11/2022       |
|               |                       | 26794          | PW SHOP SUPPLIES SHE  | 1   | 03/04/2022   | 84.00          | .00             | 84.00        | 03/11/2022       |
|               |                       | 26794          | PW SHOP SUPPLIES SHE  | 2   | 03/04/2022   | 84.00          | .00             | 84.00        | 03/11/2022       |
|               |                       | 26794          | PW SHOP SUPPLIES SHE  | 3   | 03/04/2022   | 84.00          | .00             | 84.00        | 03/11/2022       |
|               |                       | 26794          | PW SHOP SUPPLIES SHE  | 4   | 03/04/2022   | 307.98         | .00             | 307.98       | 03/11/2022       |
|               |                       | 26998          | PARK SUPPLIES         | 1   | 03/08/2022   | 54.02          | .00             | 54.02        | 03/11/2022       |
| Total 634:    |                       |                |                       |     |              | 683.26         | .00             | 683.26       |                  |
| 640           | MGE                   | 1700324512-    | 4820 MARSH RD--SOCCE  | 1   | 02/24/2022   | 159.46         | .00             | 159.46       | 03/11/2022       |
|               |                       | 3800120935-    | STREET LIGHTS         | 1   | 02/24/2022   | 33.43          | .00             | 33.43        | 03/11/2022       |
|               |                       | 4900117592-    | STREET LIGHTS         | 1   | 02/24/2022   | 24.08          | .00             | 24.08        | 03/11/2022       |
|               |                       | 7400232719-    | LIFT STATION GAS      | 1   | 02/24/2022   | 132.45         | .00             | 132.45       | 03/11/2022       |
|               |                       | 8600157181-    | LIFT #4 ELECT         | 1   | 02/25/2022   | 48.22          | .00             | 48.22        | 03/11/2022       |
| Total 640:    |                       |                |                       |     |              | 397.64         | .00             | 397.64       |                  |
| 667           | MINNESOTA LIFE INS CO | 002832LAPR     | LIFE INSURANCE        | 1   | 03/01/2022   | 1,578.20       | .00             | 1,578.20     | 03/11/2022       |
| Total 667:    |                       |                |                       |     |              | 1,578.20       | .00             | 1,578.20     |                  |
| 727           | OVERHEAD DOOR CO O    | 29093          | PW DOOR REPAIR        | 1   | 03/08/2022   | 103.40         | .00             | 103.40       | 03/11/2022       |
|               |                       | 29093          | PW DOOR REPAIR        | 2   | 03/08/2022   | 28.20          | .00             | 28.20        | 03/11/2022       |
|               |                       | 29093          | PW DOOR REPAIR        | 3   | 03/08/2022   | 28.20          | .00             | 28.20        | 03/11/2022       |
|               |                       | 29093          | PW DOOR REPAIR        | 4   | 03/08/2022   | 28.20          | .00             | 28.20        | 03/11/2022       |
|               |                       | 29108          | MC FIRE DOOR REPAIR   | 1   | 03/08/2022   | 407.00         | .00             | 407.00       | 03/11/2022       |
|               |                       | 29108          | MC FIRE DOOR REPAIR   | 2   | 03/08/2022   | 111.00         | .00             | 111.00       | 03/11/2022       |
|               |                       | 29108          | MC FIRE DOOR REPAIR   | 3   | 03/08/2022   | 111.00         | .00             | 111.00       | 03/11/2022       |
|               |                       | 29108          | MC FIRE DOOR REPAIR   | 4   | 03/08/2022   | 111.00         | .00             | 111.00       | 03/11/2022       |
| Total 727:    |                       |                |                       |     |              | 928.00         | .00             | 928.00       |                  |
| 756           | POMP'S TIRE SERVICE I | 80260323       | LAWN MOWER SPARES     | 1   | 03/03/2022   | 23.70          | .00             | 23.70        | 03/11/2022       |
|               |                       | 80260323       | LAWN MOWER SPARES     | 2   | 03/03/2022   | 23.70          | .00             | 23.70        | 03/11/2022       |
|               |                       | 80260323       | LAWN MOWER SPARES     | 3   | 03/03/2022   | 23.70          | .00             | 23.70        | 03/11/2022       |
|               |                       | 80260323       | LAWN MOWER SPARES     | 4   | 03/03/2022   | 86.90          | .00             | 86.90        | 03/11/2022       |
| Total 756:    |                       |                |                       |     |              | 158.00         | .00             | 158.00       |                  |
| 797           | REINDERS INC          | 2288971-00     | PUBLIC WORKS ICE MEL  | 1   | 02/25/2022   | 225.50         | .00             | 225.50       | 03/11/2022       |
|               |                       | 2288971-00     | PUBLIC WORKS ICE MEL  | 2   | 02/25/2022   | 61.50          | .00             | 61.50        | 03/11/2022       |
|               |                       | 2288971-00     | PUBLIC WORKS ICE MEL  | 3   | 02/25/2022   | 61.50          | .00             | 61.50        | 03/11/2022       |
|               |                       | 2288971-00     | PUBLIC WORKS ICE MEL  | 4   | 02/25/2022   | 61.50          | .00             | 61.50        | 03/11/2022       |

| Vendor Number | Name                 | Invoice Number | Description           | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
|---------------|----------------------|----------------|-----------------------|-----|--------------|----------------|-----------------|--------------|------------------|
| Total 797:    |                      |                |                       |     |              | 410.00         | .00             | 410.00       |                  |
| 800           | RELIANT FIRE APPARAT | WI001143       | FD VEHICLE MAINT      | 1   | 02/18/2022   | 515.22         | .00             | 515.22       | 03/11/2022       |
| Total 800:    |                      |                |                       |     |              | 515.22         | .00             | 515.22       |                  |
| 957           | TOM'S AUTO CENTER IN | 0052816        | SQUAD MAINTENANCE     | 1   | 12/30/2021   | 62.43          | .00             | 62.43        | 03/11/2022       |
|               |                      | 0052983        | SQUAD MAINTENANCE -   | 1   | 01/14/2022   | 156.56         | .00             | 156.56       | 03/11/2022       |
|               |                      | 0053521        | M4 MAINTENANCE        | 1   | 03/03/2022   | 156.56         | .00             | 156.56       | 03/11/2022       |
| Total 957:    |                      |                |                       |     |              | 375.55         | .00             | 375.55       |                  |
| 992           | US CELLULAR          | 0493226997     | PD PHONE              | 1   | 02/22/2022   | 1,098.64       | .00             | 1,098.64     | 03/11/2022       |
|               |                      | 0493226997     | FD/EMS PHONE          | 2   | 02/22/2022   | 353.67         | .00             | 353.67       | 03/11/2022       |
|               |                      | 0493226997     | OUTREACH PHONE        | 3   | 02/22/2022   | 81.00          | .00             | 81.00        | 03/11/2022       |
|               |                      | 0493226997     | CABLE/COMMTECH PHO    | 4   | 02/22/2022   | 42.50          | .00             | 42.50        | 03/11/2022       |
|               |                      | 0493226997     | PW PHONE              | 5   | 02/22/2022   | 118.50         | .00             | 118.50       | 03/11/2022       |
|               |                      | 0493226997     | WATER PHONE           | 6   | 02/22/2022   | 118.50         | .00             | 118.50       | 03/11/2022       |
|               |                      | 0493226997     | SEWER PHONE           | 7   | 02/22/2022   | 118.50         | .00             | 118.50       | 03/11/2022       |
|               |                      | 0493226997     | COMMDEV PHONE         | 8   | 02/22/2022   | .98            | .00             | .98          | 03/11/2022       |
| Total 992:    |                      |                |                       |     |              | 1,932.29       | .00             | 1,932.29     |                  |
| 1015          | VILLAGE OF MCFARLAN  | 022822         | MUNICIPAL CENTER      | 1   | 02/28/2022   | 345.54         | .00             | 345.54       | 03/11/2022       |
|               |                      | 022822         | RIDGE VIEW            | 2   | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | PED PATH - RUNNING DE | 3   | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | YAHARA RIVER PATH     | 4   | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | PED PATH              | 5   | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | PED PATH - OSBORN     | 6   | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | LEGION MEMORIAL PAR   | 7   | 02/28/2022   | 56.35          | .00             | 56.35        | 03/11/2022       |
|               |                      | 022822         | BRANDT PARK           | 8   | 02/28/2022   | 93.49          | .00             | 93.49        | 03/11/2022       |
|               |                      | 022822         | WOODLAND ESTATES PA   | 9   | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | AUTUMN GROVE PARK     | 10  | 02/28/2022   | 34.11          | .00             | 34.11        | 03/11/2022       |
|               |                      | 022822         | CEDAR RIDGE           | 11  | 02/28/2022   | 53.39          | .00             | 53.39        | 03/11/2022       |
|               |                      | 022822         | CEDAR GLADE PARK      | 12  | 02/28/2022   | 16.31          | .00             | 16.31        | 03/11/2022       |
|               |                      | 022822         | BOCCE BALL COURT      | 13  | 02/28/2022   | 16.00          | .00             | 16.00        | 03/11/2022       |
|               |                      | 022822         | EGNER PARK            | 14  | 02/28/2022   | 19.28          | .00             | 19.28        | 03/11/2022       |
|               |                      | 022822         | HIGHLAND OAK PARK     | 15  | 02/28/2022   | 32.63          | .00             | 32.63        | 03/11/2022       |
|               |                      | 022822         | COMM GARDEN           | 16  | 02/28/2022   | 16.00          | .00             | 16.00        | 03/11/2022       |
|               |                      | 022822         | LIFT #4               | 17  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | PED PATH - DALE CURTI | 18  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | LIFT #2               | 19  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | WELL #3               | 20  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | PW GARAGE             | 21  | 02/28/2022   | 364.82         | .00             | 364.82       | 03/11/2022       |
|               |                      | 022822         | PW GARAGE             | 22  | 02/28/2022   | 460.54         | .00             | 460.54       | 03/11/2022       |
|               |                      | 022822         | OLD LIBRARY           | 23  | 02/28/2022   | 29.66          | .00             | 29.66        | 03/11/2022       |
|               |                      | 022822         | LIBRARY               | 24  | 02/28/2022   | 309.11         | .00             | 309.11       | 03/11/2022       |
|               |                      | 022822         | LIBRARY               | 25  | 02/28/2022   | 164.61         | .00             | 164.61       | 03/11/2022       |
|               |                      | 022822         | MUNICIPAL CENTER      | 26  | 02/28/2022   | 613.31         | .00             | 613.31       | 03/11/2022       |
|               |                      | 022822         | 4902 HOUSE            | 27  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | 5541 HOLSCHER RD      | 28  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | PARKING LOT - BURMA   | 29  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | ROW CREAMERY RD       | 30  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | 5411 BASHFORD         | 31  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | OLD WELL HOUSE        | 32  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | WATER TOWER - BURMA   | 33  | 02/28/2022   | 60.80          | .00             | 60.80        | 03/11/2022       |



| Vendor Number | Name                 | Invoice Number | Description            | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
|---------------|----------------------|----------------|------------------------|-----|--------------|----------------|-----------------|--------------|------------------|
|               |                      | 022822         | WATER TOWER - HOLSC    | 34  | 02/28/2022   | 41.52          | .00             | 41.52        | 03/11/2022       |
|               |                      | 022822         | WELL #1                | 35  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | LIFT #1                | 36  | 02/28/2022   | 14.83          | .00             | 14.83        | 03/11/2022       |
|               |                      | 022822         | WM MCFARLAND PARK      | 37  | 02/28/2022   | 692.30         | .00             | 692.30       | 03/11/2022       |
|               | Total 1015:          |                |                        |     |              | 3,686.71       | .00             | 3,686.71     |                  |
| 1085          | WI RURAL WATER ASSN  | S5159          | MEMBERSHIP RENEWAL     | 1   | 03/01/2022   | 550.00         | .00             | 550.00       | 03/11/2022       |
|               | Total 1085:          |                |                        |     |              | 550.00         | .00             | 550.00       |                  |
| 1093          | WI STATE LABORATORY  | 706359         | FLUORIDE TEST WATER    | 1   | 02/28/2022   | 26.00          | .00             | 26.00        | 03/11/2022       |
|               | Total 1093:          |                |                        |     |              | 26.00          | .00             | 26.00        |                  |
| 1245          | PROFESSIONAL PEST C  | 546200         | PW PEST CONTROL        | 1   | 03/02/2022   | 21.45          | .00             | 21.45        | 03/11/2022       |
|               |                      | 546200         | PW PEST CONTROL        | 2   | 03/02/2022   | 5.85           | .00             | 5.85         | 03/11/2022       |
|               |                      | 546200         | PW PEST CONTROL        | 3   | 03/02/2022   | 5.85           | .00             | 5.85         | 03/11/2022       |
|               |                      | 546200         | PW PEST CONTROL        | 4   | 03/02/2022   | 5.85           | .00             | 5.85         | 03/11/2022       |
|               |                      | 546201         | MC PEST CONTROL        | 1   | 03/02/2022   | 6.90           | .00             | 6.90         | 03/11/2022       |
|               |                      | 546201         | MC PEST CONTROL        | 2   | 03/02/2022   | 6.90           | .00             | 6.90         | 03/11/2022       |
|               |                      | 546201         | MC PEST CONTROL        | 3   | 03/02/2022   | 6.90           | .00             | 6.90         | 03/11/2022       |
|               |                      | 546201         | MC PEST CONTROL        | 4   | 03/02/2022   | 25.30          | .00             | 25.30        | 03/11/2022       |
|               | Total 1245:          |                |                        |     |              | 85.00          | .00             | 85.00        |                  |
| 1246          | TOTAL WATER TREATME  | 022522-5083    | MC WATER SOFTENER S    | 1   | 02/25/2022   | 37.56          | .00             | 37.56        | 03/11/2022       |
|               | Total 1246:          |                |                        |     |              | 37.56          | .00             | 37.56        |                  |
| 1256          | BOUND TREE MEDICAL,  | 84420877       | EMS - SUPPLIES         | 1   | 02/25/2022   | 405.80         | .00             | 405.80       | 03/11/2022       |
|               |                      | 84423202       | EMS - SUPPLIES         | 1   | 02/28/2022   | 8.35           | .00             | 8.35         | 03/11/2022       |
|               |                      | 84428985       | EMS - SUPPLIES         | 1   | 03/03/2022   | 33.95          | .00             | 33.95        | 03/11/2022       |
|               | Total 1256:          |                |                        |     |              | 448.10         | .00             | 448.10       |                  |
| 1462          | TASC                 | IN2299021      | FSA ADMIN FEE          | 1   | 02/15/2022   | 199.00         | .00             | 199.00       | 03/11/2022       |
|               | Total 1462:          |                |                        |     |              | 199.00         | .00             | 199.00       |                  |
| 1694          | HEARTLAND LITHO      | 66169          | UTILITY BILLS PREPRINT | 1   | 02/28/2022   | 539.21         | .00             | 539.21       | 03/11/2022       |
|               |                      | 66169          | UTILITY BILLS PREPRINT | 2   | 02/28/2022   | 539.21         | .00             | 539.21       | 03/11/2022       |
|               |                      | 66169          | UTILITY BILLS PREPRINT | 3   | 02/28/2022   | 539.22         | .00             | 539.22       | 03/11/2022       |
|               |                      | 66179          | UTILITY BILLS          | 1   | 02/28/2022   | 80.46          | .00             | 80.46        | 03/11/2022       |
|               |                      | 66179          | UTILITY BILLS          | 2   | 02/28/2022   | 80.46          | .00             | 80.46        | 03/11/2022       |
|               |                      | 66179          | UTILITY BILLS          | 3   | 02/28/2022   | 80.46          | .00             | 80.46        | 03/11/2022       |
|               | Total 1694:          |                |                        |     |              | 1,859.02       | .00             | 1,859.02     |                  |
| 1738          | STATE OF WI TREASURE | 154-030122     | MONTHLY COURT FEES -   | 1   | 03/01/2022   | 3,010.94       | .00             | 3,010.94     | 03/11/2022       |
|               | Total 1738:          |                |                        |     |              | 3,010.94       | .00             | 3,010.94     |                  |
| 1759          | MANDT SANDFILL TRUC  | 63970          | WATER MAIN MATERIALS   | 1   | 02/15/2022   | 164.03         | .00             | 164.03       | 03/11/2022       |
|               | Total 1759:          |                |                        |     |              | 164.03         | .00             | 164.03       |                  |

| Vendor Number | Name                 | Invoice Number | Description          | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
|---------------|----------------------|----------------|----------------------|-----|--------------|----------------|-----------------|--------------|------------------|
| 1910          | ZURBUCHEN OIL INC    | 258757         | COMMUNITY DEVELOPM   | 1   | 03/08/2022   | 43.98          | .00             | 43.98        | 03/11/2022       |
|               |                      | 258757         | FIRE/EMS OIL         | 2   | 03/08/2022   | 439.80         | .00             | 439.80       | 03/11/2022       |
|               |                      | 258757         | POLICE DEPARTMENT OI | 3   | 03/08/2022   | 989.55         | .00             | 989.55       | 03/11/2022       |
|               |                      | 258757         | PW OIL               | 4   | 03/08/2022   | 520.05         | .00             | 520.05       | 03/11/2022       |
|               |                      | 258757         | PW OIL               | 5   | 03/08/2022   | 141.84         | .00             | 141.84       | 03/11/2022       |
|               |                      | 258757         | PW OIL               | 6   | 03/08/2022   | 141.84         | .00             | 141.84       | 03/11/2022       |
|               |                      | 258757         | PW OIL               | 7   | 03/08/2022   | 141.84         | .00             | 141.84       | 03/11/2022       |
| Total 1910:   |                      |                |                      |     |              | 2,418.90       | .00             | 2,418.90     |                  |
| 1921          | FRONTIER             | 022222         | LIBRARY PHONE        | 1   | 02/22/2022   | 68.81          | .00             | 68.81        | 03/04/2022       |
| Total 1921:   |                      |                |                      |     |              | 68.81          | .00             | 68.81        |                  |
| 1989          | CORPORATE BUSINESS   | 31223755       | COPIER LEASE         | 1   | 03/09/2022   | 51.36          | .00             | 51.36        | 03/11/2022       |
|               |                      | 31223755       | COPIER LEASE         | 2   | 03/09/2022   | 14.00          | .00             | 14.00        | 03/11/2022       |
|               |                      | 31223755       | COPIER LEASE         | 3   | 03/09/2022   | 14.00          | .00             | 14.00        | 03/11/2022       |
|               |                      | 31223755       | COPIER LEASE         | 4   | 03/09/2022   | 14.00          | .00             | 14.00        | 03/11/2022       |
| Total 1989:   |                      |                |                      |     |              | 93.36          | .00             | 93.36        |                  |
| 2042          | THOMSON REUTERS      | 845974761      | WEST INFORMATION CH  | 1   | 03/01/2022   | 195.26         | .00             | 195.26       | 03/11/2022       |
| Total 2042:   |                      |                |                      |     |              | 195.26         | .00             | 195.26       |                  |
| 2058          | MICROMARKETING LLC   | 877800         | AUDIO BOOKS          | 1   | 02/10/2022   | 39.99          | .00             | 39.99        | 03/11/2022       |
|               |                      | 878754         | AUDIO BOOKS          | 1   | 02/22/2022   | 59.99          | .00             | 59.99        | 03/11/2022       |
|               |                      | 878931         | AUDIO BOOKS          | 1   | 02/22/2022   | 40.00          | .00             | 40.00        | 03/11/2022       |
| Total 2058:   |                      |                |                      |     |              | 139.98         | .00             | 139.98       |                  |
| 2066          | PELLITTERI WASTE SYS | 2665746        | TRASH SERVICE        | 1   | 02/28/2022   | 22,533.80      | .00             | 22,533.80    | 03/04/2022       |
|               |                      | 2665746        | RECYCLING SERVICE    | 2   | 02/28/2022   | 14,945.00      | .00             | 14,945.00    | 03/04/2022       |
|               |                      | 2665746        | ADMIN SHRED          | 3   | 02/28/2022   | 48.53          | .00             | 48.53        | 03/04/2022       |
|               |                      | 2665746        | FIRE/EMS SHRED       | 4   | 02/28/2022   | 48.52          | .00             | 48.52        | 03/04/2022       |
|               |                      | 2665746        | PD SHRED             | 5   | 02/28/2022   | 48.52          | .00             | 48.52        | 03/04/2022       |
| Total 2066:   |                      |                |                      |     |              | 37,624.37      | .00             | 37,624.37    |                  |
| 2082          | NASSCO INC           | 6130019        | PW SUPPLIES          | 1   | 03/03/2022   | 49.41          | .00             | 49.41        | 03/11/2022       |
|               |                      | 6130019        | PARK SUPPLIES        | 2   | 03/03/2022   | 65.93          | .00             | 65.93        | 03/11/2022       |
|               |                      | 6130019        | PW SUPPLIES          | 3   | 03/03/2022   | 49.41          | .00             | 49.41        | 03/11/2022       |
|               |                      | 6130019        | PW SUPPLIES          | 4   | 03/03/2022   | 49.42          | .00             | 49.42        | 03/11/2022       |
|               |                      | 6130019        | PW SUPPLIES          | 5   | 03/03/2022   | 115.33         | .00             | 115.33       | 03/11/2022       |
|               |                      | 6132431        | CLEANING SUPPLIES    | 1   | 03/09/2022   | 158.33         | .00             | 158.33       | 03/11/2022       |
| Total 2082:   |                      |                |                      |     |              | 487.83         | .00             | 487.83       |                  |
| 2121          | LAKESIDE INTERNATION | 8117435        | E2 REPAIR            | 1   | 02/25/2022   | 173.49         | .00             | 173.49       | 03/11/2022       |
|               |                      | 8241818P       | DEF                  | 1   | 03/07/2022   | 49.75          | .00             | 49.75        | 03/11/2022       |
|               |                      | 8241820P       | VEHICLE MAINTENANCE  | 1   | 03/07/2022   | 7.46           | .00             | 7.46         | 03/11/2022       |
|               |                      | 8241820P       | VEHICLE MAINTENANCE  | 2   | 03/07/2022   | 7.46           | .00             | 7.46         | 03/11/2022       |
|               |                      | 8241820P       | VEHICLE MAINTENANCE  | 3   | 03/07/2022   | 7.46           | .00             | 7.46         | 03/11/2022       |
|               |                      | 8241820P       | VEHICLE MAINTENANCE  | 4   | 03/07/2022   | 27.37          | .00             | 27.37        | 03/11/2022       |
|               |                      | CM8236004      | SHOP SUPPLIES RETUR  | 1   | 12/09/2021   | 78.33-         | .00             | 78.33-       | 03/11/2022       |
|               |                      | CM8236004      | SHOP SUPPLIES RETUR  | 2   | 12/09/2021   | 21.37-         | .00             | 21.37-       | 03/11/2022       |
|               |                      | CM8236004      | SHOP SUPPLIES RETUR  | 3   | 12/09/2021   | 21.37-         | .00             | 21.37-       | 03/11/2022       |

| Vendor Number | Name                  | Invoice Number | Description          | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
|---------------|-----------------------|----------------|----------------------|-----|--------------|----------------|-----------------|--------------|------------------|
|               |                       | CM8236004      | SHOP SUPPLIES RETUR  | 4   | 12/09/2021   | 21.37-         | .00             | 21.37-       | 03/11/2022       |
|               | Total 2121:           |                |                      |     |              | 130.55         | .00             | 130.55       |                  |
| 2205          | JOB, JEREMY           | JJ022422       | CUPS/PLATES/SILVERWA | 1   | 02/24/2022   | 96.85          | .00             | 96.85        | 03/11/2022       |
|               | Total 2205:           |                |                      |     |              | 96.85          | .00             | 96.85        |                  |
| 2213          | RIVISTAS LLC          | 14125          | MAGAZINE SUBSRIPTIO  | 1   | 02/18/2022   | 2,629.37       | .00             | 2,629.37     | 03/11/2022       |
|               | Total 2213:           |                |                      |     |              | 2,629.37       | .00             | 2,629.37     |                  |
| 2216          | ANDRES MEDICAL        | 254371         | ANDRES - FEBRUARY C  | 1   | 03/10/2022   | 1,390.61       | .00             | 1,390.61     | 03/11/2022       |
|               | Total 2216:           |                |                      |     |              | 1,390.61       | .00             | 1,390.61     |                  |
| 2229          | PRECISION LIFT AND EQ | 129835         | LIFT INSPECTION      | 1   | 03/06/2022   | 37.50          | .00             | 37.50        | 03/11/2022       |
|               |                       | 129835         | LIFT INSPECTION      | 2   | 03/06/2022   | 37.50          | .00             | 37.50        | 03/11/2022       |
|               |                       | 129835         | LIFT INSPECTION      | 3   | 03/06/2022   | 37.50          | .00             | 37.50        | 03/11/2022       |
|               |                       | 129835         | LIFT INSPECTION      | 4   | 03/06/2022   | 137.50         | .00             | 137.50       | 03/11/2022       |
|               | Total 2229:           |                |                      |     |              | 250.00         | .00             | 250.00       |                  |
| 2277          | BRANDT, STEVE         | SB022522       | PLOW MEALS           | 1   | 02/25/2022   | 18.53          | .00             | 18.53        | 03/11/2022       |
|               | Total 2277:           |                |                      |     |              | 18.53          | .00             | 18.53        |                  |
| 16234         | GALLS, LLC            | 020384185      | UNIFORM              | 1   | 02/07/2022   | 107.74         | .00             | 107.74       | 03/11/2022       |
|               |                       | 020495268      | UNIFORM              | 1   | 02/21/2022   | 16.57          | .00             | 16.57        | 03/11/2022       |
|               | Total 16234:          |                |                      |     |              | 124.31         | .00             | 124.31       |                  |
| 16236         | WEBER, MARK           | MW022522       | PLOW MEALS           | 1   | 02/25/2022   | 17.68          | .00             | 17.68        | 03/11/2022       |
|               | Total 16236:          |                |                      |     |              | 17.68          | .00             | 17.68        |                  |
| 16248         | MEDIA CONTROL SYSTE   | 00003624       | TIGHTROPE SOFTWARE   | 1   | 02/28/2022   | 800.00         | .00             | 800.00       | 03/11/2022       |
|               | Total 16248:          |                |                      |     |              | 800.00         | .00             | 800.00       |                  |
| 16257         | CORPORATE BUSINESS    | 315073         | PW COLOR COPY OVER   | 1   | 03/01/2022   | 30.98          | .00             | 30.98        | 03/04/2022       |
|               |                       | 315073         | PW COLOR COPY OVER   | 2   | 03/01/2022   | 30.98          | .00             | 30.98        | 03/04/2022       |
|               |                       | 315073         | PW COLOR COPY OVER   | 3   | 03/01/2022   | 30.98          | .00             | 30.98        | 03/04/2022       |
|               |                       | 315073         | PW COLOR COPY OVER   | 4   | 03/01/2022   | 113.61         | .00             | 113.61       | 03/04/2022       |
|               |                       | 315083         | COPIER LEASE         | 1   | 03/01/2022   | 15.67          | .00             | 15.67        | 03/04/2022       |
|               |                       | 315084         | COPIER LEASE         | 1   | 03/01/2022   | 102.04         | .00             | 102.04       | 03/04/2022       |
|               |                       | 315208         | COPIER LEASE AND OVE | 1   | 03/02/2022   | 287.52         | .00             | 287.52       | 03/04/2022       |
|               |                       | 315208         | COPIER LEASE AND OVE | 2   | 03/02/2022   | 75.00          | .00             | 75.00        | 03/04/2022       |
|               |                       | 315208         | COPIER LEASE AND OVE | 3   | 03/02/2022   | 75.00          | .00             | 75.00        | 03/04/2022       |
|               |                       | 315208         | COPIER LEASE AND OVE | 4   | 03/02/2022   | 50.00          | .00             | 50.00        | 03/04/2022       |
|               |                       | 315208         | COPIER LEASE AND OVE | 5   | 03/02/2022   | 25.00          | .00             | 25.00        | 03/04/2022       |
|               |                       | 315208         | COPIER LEASE AND OVE | 6   | 03/02/2022   | 21.00          | .00             | 21.00        | 03/04/2022       |
|               |                       | 315208         | COPIER LEASE AND OVE | 7   | 03/02/2022   | 21.00          | .00             | 21.00        | 03/04/2022       |
|               |                       | 315208         | COPIER LEASE AND OVE | 8   | 03/02/2022   | 20.51          | .00             | 20.51        | 03/04/2022       |
|               | Total 16257:          |                |                      |     |              | 899.29         | .00             | 899.29       |                  |

| Vendor Number | Name                  | Invoice Number | Description           | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
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| 16267         | WARREN, BRAD          | BW022222       | PLOWING - BREAKFAST   | 1   | 02/22/2022   | 10.00          | .00             | 10.00        | 03/11/2022       |
| Total 16267:  |                       |                |                       |     |              | 10.00          | .00             | 10.00        |                  |
| 16288         | CNA SURETY DIRECT BIL | 030722         | COURT CLERK BOND      | 1   | 03/07/2022   | 50.00          | .00             | 50.00        | 03/11/2022       |
| Total 16288:  |                       |                |                       |     |              | 50.00          | .00             | 50.00        |                  |
| 16296         | DANE CO DEPT OF HUM   | FEB2022        | MEALSITE DONATION - C | 1   | 02/28/2022   | 567.00         | .00             | 567.00       | 03/11/2022       |
|               |                       | FEB2022        | MEALSITE DONATION - M | 2   | 02/28/2022   | 2,543.00       | .00             | 2,543.00     | 03/11/2022       |
| Total 16296:  |                       |                |                       |     |              | 3,110.00       | .00             | 3,110.00     |                  |
| 16398         | POSPYHALLA, DAVID     | DP022522       | PLOW MEAL             | 1   | 02/25/2022   | 8.53           | .00             | 8.53         | 03/11/2022       |
| Total 16398:  |                       |                |                       |     |              | 8.53           | .00             | 8.53         |                  |
| 16545         | DEPT OF SAFETY AND P  | 022822         | FIRE SUPPRESSION      | 1   | 02/28/2022   | 5.00           | .00             | 5.00         | 03/11/2022       |
|               |                       | 022822         | FIRE ALARM            | 2   | 02/28/2022   | 5.00           | .00             | 5.00         | 03/11/2022       |
| Total 16545:  |                       |                |                       |     |              | 10.00          | .00             | 10.00        |                  |
| 16640         | TOP PACK DEFENSE LLC  | 7800           | UNIFORM ALLOWANCE -   | 1   | 02/17/2022   | 234.97         | .00             | 234.97       | 03/11/2022       |
| Total 16640:  |                       |                |                       |     |              | 234.97         | .00             | 234.97       |                  |
| 16655         | WI DEPT OF TRANSPORT  | 395-0000252    | EXCHANGE ST PRELIMIN  | 1   | 03/01/2022   | 180.16         | .00             | 180.16       | 03/11/2022       |
| Total 16655:  |                       |                |                       |     |              | 180.16         | .00             | 180.16       |                  |
| 16680         | CARDMEMBER SERVICE    | MSB021722      | SCHUENKE              | 1   | 02/17/2022   | 556.47         | .00             | 556.47       | 03/04/2022       |
|               |                       | MSB021722      | CHAPIN                | 2   | 02/17/2022   | 182.00         | .00             | 182.00       | 03/04/2022       |
|               |                       | MSB021722      | ENGLER                | 3   | 02/17/2022   | 25.00          | .00             | 25.00        | 03/04/2022       |
|               |                       | MSB021722      | DENNIS                | 4   | 02/17/2022   | 1,034.12       | .00             | 1,034.12     | 03/04/2022       |
|               |                       | MSB021722      | LAWRENCE              | 5   | 02/17/2022   | 46.34          | .00             | 46.34        | 03/04/2022       |
|               |                       | MSB021722      | IGL                   | 6   | 02/17/2022   | 2,036.04       | .00             | 2,036.04     | 03/04/2022       |
|               |                       | MSB021722      | LARSON                | 7   | 02/17/2022   | 2,085.09       | .00             | 2,085.09     | 03/04/2022       |
|               |                       | MSB021722      | MILLER                | 8   | 02/17/2022   | 578.07         | .00             | 578.07       | 03/04/2022       |
|               |                       | MSB021722      | J REITER              | 9   | 02/17/2022   | 441.28         | .00             | 441.28       | 03/04/2022       |
|               |                       | MSB021722      | BREMER                | 10  | 02/17/2022   | 89.80          | .00             | 89.80        | 03/04/2022       |
|               |                       | MSB021722      | IRWIN                 | 11  | 02/17/2022   | 207.57         | .00             | 207.57       | 03/04/2022       |
|               |                       | MSB021722      | SUETTINGER            | 12  | 02/17/2022   | 138.99         | .00             | 138.99       | 03/04/2022       |
|               |                       | MSB021722      | REIMER                | 13  | 02/17/2022   | 675.54         | .00             | 675.54       | 03/04/2022       |
|               |                       | MSB021722      | DAY                   | 14  | 02/17/2022   | 22.55          | .00             | 22.55        | 03/04/2022       |
|               |                       | MSB021722      | JOB                   | 15  | 02/17/2022   | 713.19         | .00             | 713.19       | 03/04/2022       |
|               |                       | MSB021722      | ANDERSEN              | 16  | 02/17/2022   | 960.65         | .00             | 960.65       | 03/04/2022       |
|               |                       | MSB021722      | JACOBSEN              | 17  | 02/17/2022   | 161.91         | .00             | 161.91       | 03/04/2022       |
|               |                       | MSB021722      | COX                   | 18  | 02/17/2022   | 1,173.01       | .00             | 1,173.01     | 03/04/2022       |
|               |                       | MSB021722      | SEYMOUR               | 19  | 02/17/2022   | 44.70          | .00             | 44.70        | 03/04/2022       |
|               |                       | MSB021722      | T REITER              | 20  | 02/17/2022   | 96.70          | .00             | 96.70        | 03/04/2022       |
|               |                       | MSB021722      | B WALLACE             | 21  | 02/17/2022   | 182.00         | .00             | 182.00       | 03/04/2022       |
|               |                       | MSB021722      | D WALLACE             | 22  | 02/17/2022   | 433.54         | .00             | 433.54       | 03/04/2022       |
| Total 16680:  |                       |                |                       |     |              | 11,884.56      | .00             | 11,884.56    |                  |
| 16712         | LIFE-ASSIST, INC      | 1181531        | SPO2 CABLES           | 1   | 02/28/2022   | 329.22         | .00             | 329.22       | 03/11/2022       |

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| Total 16712:  |                      |                |                       |     |              | 329.22         | .00             | 329.22       |                  |
| 16782         | MADISON EMERGENCY    | INV1172        | MEDICAL DIRECTION MA  | 1   | 03/01/2022   | 700.00         | .00             | 700.00       | 03/11/2022       |
| Total 16782:  |                      |                |                       |     |              | 700.00         | .00             | 700.00       |                  |
| 16890         | PIRTEK MADISON       | MA-T000050     | HOSE REPAIR R82       | 1   | 01/26/2022   | 13.00          | .00             | 13.00        | 03/11/2022       |
|               |                      | MA-T000052     | PW SHOP TOOLCAT       | 1   | 03/01/2022   | 29.91          | .00             | 29.91        | 03/11/2022       |
|               |                      | MA-T000052     | PW SHOP TOOLCAT       | 2   | 03/01/2022   | 29.91          | .00             | 29.91        | 03/11/2022       |
|               |                      | MA-T000052     | PW SHOP TOOLCAT       | 3   | 03/01/2022   | 29.91          | .00             | 29.91        | 03/11/2022       |
|               |                      | MA-T000052     | PW SHOP TOOLCAT       | 4   | 03/01/2022   | 109.64         | .00             | 109.64       | 03/11/2022       |
| Total 16890:  |                      |                |                       |     |              | 212.37         | .00             | 212.37       |                  |
| 16911         | SKAALLEN VILLAGE     | 031122         | SALT SAVER PROGRAM    | 1   | 03/11/2022   | 200.00         | .00             | 200.00       | 03/11/2022       |
|               |                      | 031122-2       | SALT SAVER PROGRAM    | 1   | 03/11/2022   | 200.00         | .00             | 200.00       | 03/11/2022       |
| Total 16911:  |                      |                |                       |     |              | 400.00         | .00             | 400.00       |                  |
| 17084         | AMAZON CAPITAL SERVI | 17HG-GR77-     | PARK SUPPLIES         | 1   | 03/07/2022   | 53.99          | .00             | 53.99        | 03/11/2022       |
|               |                      | 1DY9-RMXR-     | PW PHONE CASE         | 1   | 03/09/2022   | 13.73          | .00             | 13.73        | 03/11/2022       |
|               |                      | 1DY9-RMXR-     | PW PHONE CASE         | 2   | 03/09/2022   | 3.75           | .00             | 3.75         | 03/11/2022       |
|               |                      | 1DY9-RMXR-     | PW PHONE CASE         | 3   | 03/09/2022   | 3.75           | .00             | 3.75         | 03/11/2022       |
|               |                      | 1DY9-RMXR-     | PW PHONE CASE         | 4   | 03/09/2022   | 3.75           | .00             | 3.75         | 03/11/2022       |
|               |                      | 1F37-K1GM-     | DVDS & CDS            | 1   | 03/01/2022   | 88.34          | .00             | 88.34        | 03/11/2022       |
|               |                      | 1GNY-CK7M-     | NEW LAPTOP ACCESSO    | 1   | 03/05/2022   | 26.99-         | .00             | 26.99-       | 03/11/2022       |
|               |                      | 1L3K-NHTN-     | DVDS & CDS            | 1   | 02/27/2022   | 42.92          | .00             | 42.92        | 03/11/2022       |
|               |                      | 1QWG-GTW       | PARK SUPPLIES GOOSE   | 1   | 03/04/2022   | 2,162.41       | .00             | 2,162.41     | 03/11/2022       |
|               |                      | 1V6T-QPTQ-     | ELECTION SUPPLIES     | 1   | 03/09/2022   | 65.20          | .00             | 65.20        | 03/11/2022       |
| Total 17084:  |                      |                |                       |     |              | 2,410.85       | .00             | 2,410.85     |                  |
| 17140         | US BANK VOYAGER FLE  | 8694160992     | PD FUEL               | 1   | 03/01/2022   | 1,663.29       | .00             | 1,663.29     | 03/11/2022       |
|               |                      | 8694160992     | PW FUEL               | 2   | 03/01/2022   | 97.97          | .00             | 97.97        | 03/11/2022       |
|               |                      | 8694160992     | PW FUEL               | 3   | 03/01/2022   | 195.93         | .00             | 195.93       | 03/11/2022       |
|               |                      | 8694160992     | PW FUEL               | 4   | 03/01/2022   | 195.93         | .00             | 195.93       | 03/11/2022       |
|               |                      | 8694160992     | PW FUEL               | 5   | 03/01/2022   | 97.97          | .00             | 97.97        | 03/11/2022       |
|               |                      | 8694160992     | PW FUEL               | 6   | 03/01/2022   | 293.90         | .00             | 293.90       | 03/11/2022       |
|               |                      | 8694160992     | PW FUEL               | 7   | 03/01/2022   | 1,077.61       | .00             | 1,077.61     | 03/11/2022       |
|               |                      | 8694160992     | PARKS FUEL            | 8   | 03/01/2022   | 131.02         | .00             | 131.02       | 03/11/2022       |
|               |                      | 8694160992     | FIRE/EMS FUEL         | 9   | 03/01/2022   | 1,602.15       | .00             | 1,602.15     | 03/11/2022       |
| Total 17140:  |                      |                |                       |     |              | 5,355.77       | .00             | 5,355.77     |                  |
| 17196         | ASSOCIATED TRUST CO  | 021022         | TID5 INTEREST PAYMEN  | 1   | 02/10/2022   | 13,590.00      | .00             | 13,590.00    | 03/11/2022       |
|               |                      | 021022         | TID5 PRINCIPAL PAYMEN | 2   | 02/10/2022   | 50,000.00      | .00             | 50,000.00    | 03/11/2022       |
| Total 17196:  |                      |                |                       |     |              | 63,590.00      | .00             | 63,590.00    |                  |
| 17224         | LARSON, ERIN         | 030922         | PARK DEPOSIT REFUND   | 1   | 03/09/2022   | 200.00         | .00             | 200.00       | 03/11/2022       |
| Total 17224:  |                      |                |                       |     |              | 200.00         | .00             | 200.00       |                  |
| 17226         | LARSON, SAYER        | SL022522       | PLOW MEAL             | 1   | 02/25/2022   | 10.00          | .00             | 10.00        | 03/11/2022       |

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| Total 17226:  |                      |                |                       |     |              | 10.00          | .00             | 10.00        |                  |
| 17228         | HEALTHYMINDS, LLC    | HM000538       | ANNUAL WELLNESS CHE   | 1   | 03/04/2022   | 990.00         | .00             | 990.00       | 03/11/2022       |
| Total 17228:  |                      |                |                       |     |              | 990.00         | .00             | 990.00       |                  |
| 17232         | APG OF SOUTHERN WIS  | 24777-0222     | OUTLOOK               | 1   | 02/28/2022   | 1,601.25       | .00             | 1,601.25     | 03/11/2022       |
|               |                      | 24777-0222     | OUTLOOK               | 2   | 02/28/2022   | 160.13         | .00             | 160.13       | 03/11/2022       |
|               |                      | 24777-0222     | OUTLOOK               | 3   | 02/28/2022   | 160.12         | .00             | 160.12       | 03/11/2022       |
|               |                      | 24777-0222     | OUTLOOK               | 4   | 02/28/2022   | 640.50         | .00             | 640.50       | 03/11/2022       |
|               |                      | 24777-0222     | OUTLOOK               | 5   | 02/28/2022   | 640.50         | .00             | 640.50       | 03/11/2022       |
|               |                      | 24777-0222     | COMM DEV POSTING      | 6   | 02/28/2022   | 108.57         | .00             | 108.57       | 03/11/2022       |
|               |                      | 24777-0222     | COMM DEV POSTING      | 7   | 02/28/2022   | 25.42          | .00             | 25.42        | 03/11/2022       |
|               |                      | 24777-0222     | COMM DEV POSTING      | 8   | 02/28/2022   | 13.86          | .00             | 13.86        | 03/11/2022       |
|               |                      | 24777-0222     | COMM DEV POSTING      | 9   | 02/28/2022   | 13.86          | .00             | 13.86        | 03/11/2022       |
|               |                      | 24777-0222     | COMM DEV POSTING      | 10  | 02/28/2022   | 17.32          | .00             | 17.32        | 03/11/2022       |
|               |                      | 24777-0222     | COMM DEV POSTING      | 11  | 02/28/2022   | 17.32          | .00             | 17.32        | 03/11/2022       |
|               |                      | 24777-0222     | COMM DEV POSTING      | 12  | 02/28/2022   | 34.65          | .00             | 34.65        | 03/11/2022       |
|               |                      | 28886-0222     | PLAN PUB HEARING - CU | 1   | 02/28/2022   | 71.03          | .00             | 71.03        | 03/11/2022       |
|               |                      | 28886-0222     | PLAN PUB HEARING - OR | 2   | 02/28/2022   | 69.00          | .00             | 69.00        | 03/11/2022       |
|               |                      | 28886-0222     | ADS FOR BIDS - STREET | 3   | 02/28/2022   | 146.13         | .00             | 146.13       | 03/11/2022       |
|               |                      | 28886-0222     | VILLAGE BOARD MINUTE  | 4   | 02/28/2022   | 125.04         | .00             | 125.04       | 03/11/2022       |
|               |                      | 37764-0222     | WATER METER REPLAC    | 1   | 02/28/2022   | 33.47          | .00             | 33.47        | 03/11/2022       |
| Total 17232:  |                      |                |                       |     |              | 3,878.17       | .00             | 3,878.17     |                  |
| 17320         | PARKITECTURE & PLANN | 20.010-7       | PICKLEBALL PLAN/DESI  | 1   | 03/01/2022   | 581.75         | .00             | 581.75       | 03/11/2022       |
|               |                      | 21.045-3       | COMMUNITY PARK PHAS   | 1   | 03/01/2022   | 6,649.00       | .00             | 6,649.00     | 03/11/2022       |
| Total 17320:  |                      |                |                       |     |              | 7,230.75       | .00             | 7,230.75     |                  |
| 17352         | BRAY ASSOCIATES ARC  | 3488-22        | PUBLIC SAFETY CENTER  | 1   | 03/03/2022   | 12,150.00      | .00             | 12,150.00    | 03/11/2022       |
| Total 17352:  |                      |                |                       |     |              | 12,150.00      | .00             | 12,150.00    |                  |
| 17428         | IGL, LEE             | LI022422       | WATER TRAINING LUNC   | 1   | 02/24/2022   | 110.52         | .00             | 110.52       | 03/11/2022       |
| Total 17428:  |                      |                |                       |     |              | 110.52         | .00             | 110.52       |                  |
| 17528         | HGA                  | 226510         | PUBLIC SAFETY CENTER  | 1   | 03/05/2022   | 1,595.00       | .00             | 1,595.00     | 03/11/2022       |
| Total 17528:  |                      |                |                       |     |              | 1,595.00       | .00             | 1,595.00     |                  |
| 17569         | MCFARLAND ACE HARD   | 004213/1       | PW SHOP SUPPLIES      | 1   | 02/25/2022   | 1.97           | .00             | 1.97         | 03/11/2022       |
|               |                      | 004213/1       | PW SHOP SUPPLIES      | 2   | 02/25/2022   | .54            | .00             | .54          | 03/11/2022       |
|               |                      | 004213/1       | PW SHOP SUPPLIES      | 3   | 02/25/2022   | .54            | .00             | .54          | 03/11/2022       |
|               |                      | 004213/1       | PW SHOP SUPPLIES      | 4   | 02/25/2022   | .54            | .00             | .54          | 03/11/2022       |
|               |                      | 004238/1       | PW SHOP SUPPLIES      | 1   | 03/01/2022   | 13.37          | .00             | 13.37        | 03/11/2022       |
|               |                      | 004238/1       | PW SHOP SUPPLIES      | 2   | 03/01/2022   | 3.64           | .00             | 3.64         | 03/11/2022       |
|               |                      | 004238/1       | PW SHOP SUPPLIES      | 3   | 03/01/2022   | 3.64           | .00             | 3.64         | 03/11/2022       |
|               |                      | 004238/1       | PW SHOP SUPPLIES      | 4   | 03/01/2022   | 3.64           | .00             | 3.64         | 03/11/2022       |
|               |                      | 004244/1       | WORK GLOVES           | 1   | 03/02/2022   | 4.95           | .00             | 4.95         | 03/11/2022       |
|               |                      | 004244/1       | WORK GLOVES           | 2   | 03/02/2022   | 1.35           | .00             | 1.35         | 03/11/2022       |
|               |                      | 004244/1       | WORK GLOVES           | 3   | 03/02/2022   | 1.35           | .00             | 1.35         | 03/11/2022       |
|               |                      | 004244/1       | WORK GLOVES           | 4   | 03/02/2022   | 1.35           | .00             | 1.35         | 03/11/2022       |
|               |                      | 004259/1       | PW SHOP SUPPLIES      | 1   | 03/03/2022   | 25.20          | .00             | 25.20        | 03/11/2022       |

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|---------------|----------------------|----------------|----------------------|-----|--------------|----------------|-----------------|--------------|------------------|
|               |                      | 004259/1       | PW SHOP SUPPLIES     | 2   | 03/03/2022   | 6.88           | .00             | 6.88         | 03/11/2022       |
|               |                      | 004259/1       | PW SHOP SUPPLIES     | 3   | 03/03/2022   | 6.88           | .00             | 6.88         | 03/11/2022       |
|               |                      | 004259/1       | PW SHOP SUPPLIES     | 4   | 03/03/2022   | 6.88           | .00             | 6.88         | 03/11/2022       |
|               |                      | 004260/1       | PARK SUPPLIES        | 1   | 03/03/2022   | 16.15          | .00             | 16.15        | 03/11/2022       |
|               |                      | 004267/1       | LIBRARY WALL PLATE   | 1   | 03/04/2022   | 3.56           | .00             | 3.56         | 03/11/2022       |
|               |                      | 004275/1       | MUNICIPAL CENTER DO  | 1   | 03/04/2022   | 3.47           | .00             | 3.47         | 03/11/2022       |
|               |                      | 004275/1       | MUNICIPAL CENTER DO  | 2   | 03/04/2022   | .94            | .00             | .94          | 03/11/2022       |
|               |                      | 004275/1       | MUNICIPAL CENTER DO  | 3   | 03/04/2022   | .94            | .00             | .94          | 03/11/2022       |
|               |                      | 004275/1       | MUNICIPAL CENTER DO  | 4   | 03/04/2022   | .94            | .00             | .94          | 03/11/2022       |
|               |                      | 004306/1       | PW SHOP SUPPLIES     | 1   | 03/09/2022   | 3.24           | .00             | 3.24         | 03/11/2022       |
|               |                      | 004306/1       | PW SHOP SUPPLIES     | 2   | 03/09/2022   | 3.24           | .00             | 3.24         | 03/11/2022       |
|               |                      | 004306/1       | PW SHOP SUPPLIES     | 3   | 03/09/2022   | 3.24           | .00             | 3.24         | 03/11/2022       |
|               |                      | 004306/1       | PW SHOP SUPPLIES     | 4   | 03/09/2022   | 11.85          | .00             | 11.85        | 03/11/2022       |
|               |                      | 004308/1       | PW SHOP SUPPLIES     | 1   | 03/09/2022   | 5.67           | .00             | 5.67         | 03/11/2022       |
|               |                      | 004308/1       | PW SHOP SUPPLIES     | 2   | 03/09/2022   | 5.67           | .00             | 5.67         | 03/11/2022       |
|               |                      | 004308/1       | PW SHOP SUPPLIES     | 3   | 03/09/2022   | 5.67           | .00             | 5.67         | 03/11/2022       |
|               |                      | 004308/1       | PW SHOP SUPPLIES     | 4   | 03/09/2022   | 20.78          | .00             | 20.78        | 03/11/2022       |
| Total 17569:  |                      |                |                      |     |              | 168.08         | .00             | 168.08       |                  |
| 17593         | FORCE AMERICA DISTRI | 001-1619806    | TRUCK 6 MAINTENANCE  | 1   | 03/10/2022   | 1,547.28       | .00             | 1,547.28     | 03/11/2022       |
|               |                      | 001-1619806    | TRUCK 6 MAINTENANCE  | 2   | 03/10/2022   | 421.99         | .00             | 421.99       | 03/11/2022       |
|               |                      | 001-1619806    | TRUCK 6 MAINTENANCE  | 3   | 03/10/2022   | 421.99         | .00             | 421.99       | 03/11/2022       |
|               |                      | 001-1619806    | TRUCK 6 MAINTENANCE  | 4   | 03/10/2022   | 421.99         | .00             | 421.99       | 03/11/2022       |
| Total 17593:  |                      |                |                      |     |              | 2,813.25       | .00             | 2,813.25     |                  |
| 17599         | QUADIENT LEASING USA | N9279254       | POSTAGE MACHINE LEA  | 1   | 02/14/2022   | 458.10         | .00             | 458.10       | 03/04/2022       |
| Total 17599:  |                      |                |                      |     |              | 458.10         | .00             | 458.10       |                  |
| 17600         | QUADIENT FINANCE USA | 022122         | POSTAGE              | 1   | 02/21/2022   | 2,000.00       | .00             | 2,000.00     | 03/11/2022       |
| Total 17600:  |                      |                |                      |     |              | 2,000.00       | .00             | 2,000.00     |                  |
| 17685         | INGRAM LIBRARY SERVI | 62784925       | BOOKS                | 1   | 02/16/2022   | 342.80         | .00             | 342.80       | 03/11/2022       |
|               |                      | 62788024       | BOOKS                | 1   | 02/22/2022   | 489.70         | .00             | 489.70       | 03/11/2022       |
|               |                      | 62788697       | BOOKS                | 1   | 02/23/2022   | 231.61         | .00             | 231.61       | 03/11/2022       |
|               |                      | 62789638       | BOOKS                | 1   | 02/24/2022   | 287.18         | .00             | 287.18       | 03/11/2022       |
|               |                      | 62791636       | BOOKS                | 1   | 03/02/2022   | 701.35         | .00             | 701.35       | 03/11/2022       |
|               |                      | 67400563       | BOOKS                | 1   | 12/15/2021   | 378.55         | .00             | 378.55       | 03/11/2022       |
|               |                      | 67434633       | BOOKS                | 1   | 02/25/2022   | 306.07         | .00             | 306.07       | 03/11/2022       |
| Total 17685:  |                      |                |                      |     |              | 2,737.26       | .00             | 2,737.26     |                  |
| 17712         | HUFFMAN FACILITY DEV | VOM 02 202     | PUBLIC SAFETY CENTER | 1   | 03/02/2022   | 12,825.00      | .00             | 12,825.00    | 03/11/2022       |
| Total 17712:  |                      |                |                      |     |              | 12,825.00      | .00             | 12,825.00    |                  |
| 17759         | WESTBURY, BRYAN      | BW022522       | PLOW MEAL            | 1   | 02/25/2022   | 8.53           | .00             | 8.53         | 03/11/2022       |
| Total 17759:  |                      |                |                      |     |              | 8.53           | .00             | 8.53         |                  |
| 17760         | WILSON, CLAYTON      | CW022522       | PLOW MEALS           | 1   | 02/25/2022   | 20.00          | .00             | 20.00        | 03/11/2022       |
| Total 17760:  |                      |                |                      |     |              | 20.00          | .00             | 20.00        |                  |



| Vendor Number | Name                | Invoice Number | Description            | Seq | Invoice Date | Invoice Amount | Discount Amount | Check Amount | Check Issue Date |
|---------------|---------------------|----------------|------------------------|-----|--------------|----------------|-----------------|--------------|------------------|
| 17778         | JP CULLEN           | 16531          | PAYAPP #4 - PUBLIC SAF | 1   | 02/28/2022   | 527,582.50     | .00             | 527,582.50   | 03/11/2022       |
| Total 17778:  |                     |                |                        |     |              | 527,582.50     | .00             | 527,582.50   |                  |
| 17782         | GFC LEASING - WI    | I00720091      | COPIER LEASE           | 1   | 02/28/2022   | 181.93         | .00             | 181.93       | 03/11/2022       |
| Total 17782:  |                     |                |                        |     |              | 181.93         | .00             | 181.93       |                  |
| 17789         | TRANSUNION RISK AND | 6174432-202    | DATA SEARCH SERVICE    | 1   | 03/01/2022   | 75.00          | .00             | 75.00        | 03/11/2022       |
| Total 17789:  |                     |                |                        |     |              | 75.00          | .00             | 75.00        |                  |
| 17855         | THOMPSON, JORDAN    | JT022822       | EMPLOYEE EXPENSE RE    | 1   | 02/28/2022   | 152.94         | .00             | 152.94       | 03/11/2022       |
|               |                     | JT022822       | EMPLOYEE EXPENSE RE    | 2   | 02/28/2022   | 1,657.17       | .00             | 1,657.17     | 03/11/2022       |
|               |                     | JT022822       | EMPLOYEE EXPENSE RE    | 3   | 02/28/2022   | 36.97          | .00             | 36.97        | 03/11/2022       |
|               |                     | JT022822       | EMPLOYEE EXPENSE RE    | 4   | 02/28/2022   | 8.72           | .00             | 8.72         | 03/11/2022       |
|               |                     | JT022822       | EMPLOYEE EXPENSE RE    | 5   | 02/28/2022   | 7.04           | .00             | 7.04         | 03/11/2022       |
|               |                     | JT022822       | EMPLOYEE EXPENSE RE    | 6   | 02/28/2022   | 227.70         | .00             | 227.70       | 03/11/2022       |
|               |                     | JT022822       | EMPLOYEE EXPENSE RE    | 7   | 02/28/2022   | 378.89         | .00             | 378.89       | 03/11/2022       |
|               |                     | JT022822       | EMPLOYEE EXPENSE RE    | 8   | 02/28/2022   | 118.06         | .00             | 118.06       | 03/11/2022       |
| Total 17855:  |                     |                |                        |     |              | 2,587.49       | .00             | 2,587.49     |                  |
| 17856         | CLEAN EATING        | 030122         | MAGAZINE SUBSCRIPTI    | 1   | 03/01/2022   | 18.00          | .00             | 18.00        | 03/11/2022       |
| Total 17856:  |                     |                |                        |     |              | 18.00          | .00             | 18.00        |                  |
| 17857         | FORT HEALTHCARE BUS | 60836          | NEW EMPLOYMENT SCR     | 1   | 02/28/2022   | 49.00          | .00             | 49.00        | 03/11/2022       |
| Total 17857:  |                     |                |                        |     |              | 49.00          | .00             | 49.00        |                  |
| 17858         | AMERICAN DEFENSE MF | 132576         | UNIFORM ALLOWANCE -    | 1   | 03/03/2022   | 197.00         | .00             | 197.00       | 03/11/2022       |
| Total 17858:  |                     |                |                        |     |              | 197.00         | .00             | 197.00       |                  |
| 17859         | HOYER, KRISTIN      | 030222         | ITEM REFUND            | 1   | 03/02/2022   | 25.00          | .00             | 25.00        | 03/11/2022       |
| Total 17859:  |                     |                |                        |     |              | 25.00          | .00             | 25.00        |                  |
| 17860         | DPI                 | 030722         | STATE DIRECTOR CERTF   | 1   | 03/07/2022   | 50.00          | .00             | 50.00        | 03/11/2022       |
| Total 17860:  |                     |                |                        |     |              | 50.00          | .00             | 50.00        |                  |
| Grand Totals: |                     |                |                        |     |              | 755,917.22     | .00             | 755,917.22   |                  |

Report Criteria:

Detail report type printed

| Pay Period<br>Date | Journal<br>Code | Check<br>Issue Date | Check<br>Number | Payee                 | Payee<br>ID | Amount   |
|--------------------|-----------------|---------------------|-----------------|-----------------------|-------------|----------|
| 02/26/2022         | PC              | 03/04/2022          |                 | KELLN, JACK           | 362         | 1,995.20 |
| 02/26/2022         | CDPT            | 03/04/2022          |                 | FIRE FIGHTERS LOCAL 3 | 8           | 166.51   |
| 02/26/2022         | CDPT            | 03/04/2022          |                 | FIRE FIGHTERS LOCAL 3 | 8           | 5.00     |
| 02/26/2022         | CDPT            | 03/04/2022          |                 | WI SCTF               | 5           | 207.69   |
| 02/26/2022         | CDPT            | 03/04/2022          |                 | WPPA TREASURER        | 6           | 425.00   |

PAYROLL RELATED

\$2,799.40

  
**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Administration

**CONTACT:** Matt Schuenke, Village Administrator, Chris Dennis, Fire/Rescue Chief, Aaron Chapin, Police Chief

**AGENDA ITEM:** Presentation and update on the construction progress for the Public Safety Center.

**PREVIOUS ACTION:**

None.

**ISSUE SUMMARY:**

Included in your packet is a summary update on construction progress for the new Public Safety Center. Additionally, the Owner's Representative (Huffman Facility Development, Architect (Bray Architects), and Contractor (JP Cullen) will be present to provide a brief overview of the work completed to date. This information will be presented and discussed as part of the meeting. We will be able to take questions on the project as needed as well.

**FINANCIAL/BUDGET IMPACT:**

Financial progress is included in the report. Thus far costs are tracking as they should be. The first change order to consider on the project is contained in the next agenda item.

**VILLAGE PLAN REFERENCE:**

None.

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

No action is needed on this item. Provided as an update.

**ATTACHMENTS:**

1. McFarland PSC Report 2022 03



*Project Status Report for*

**Village of McFarland**  
**Public Safety Center**

MARCH 2022

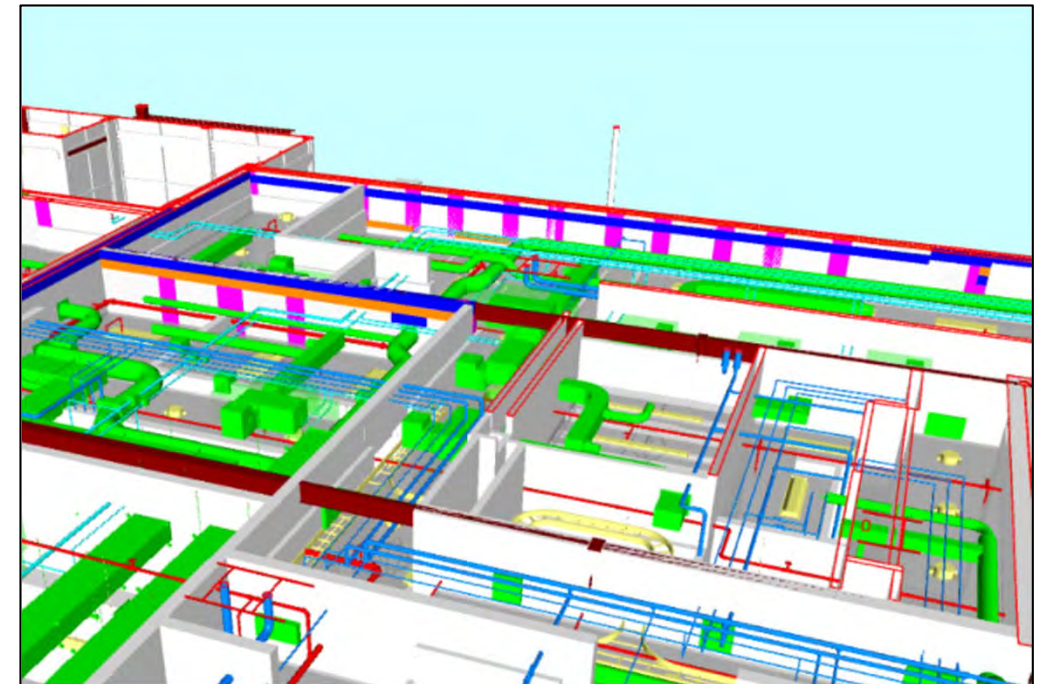
Jordan Schulz, HFD  
Your Partner in Development

## Construction Update

1. Construction on site continues to progress well in the midst of weather and economic hurdles, and the crews look forward to warmer weather.
2. Supply-chain issues were commented on in the last report, with concern for schedule impact. Several of these long-lead, high-impact items are steel for the roof structure (6mo lead), insulation/cover material for the roof (8mo lead) and electrical service equipment (now 12 mo lead). The following updates have occurred since that time:
  1. Steel Bar Joists: no change, still expected on site in May
  2. Roofing insulation, thermal barrier and coverboard: Design adjustments were discussed, reviewed and made in collaboration with Bray, HFD, JP Cullen and the roofing contractor. One portion of the building will not be weather-tight as early as previously planned, however the team has minimized the impact to 1 month and has decreased the size of the area impacted.
  3. Electrical switch gear: Impact here has increased significantly - 2 months later than previously thought. While problematic for the schedule, this is on par with or better than electrical equipment impacts on other projects which the project team is engaged on.
3. The previous report noted change to the overall schedule had not yet been made but was anticipated. While we noted eleven (11) working days were lost in January due to temperatures, the cause of schedule change is primarily due to the above noted electrical equipment, which is now currently slated to arrive in January 2023 as compared to October in the original schedule. This sets the overall project schedule back two months, from mid December to mid February for completion.
4. Concrete foundations for both the Fire and Police Units were complete for the last report, with masonry work commencing. Masonry block is now one third complete, see photos below.
5. Manufactured concrete planks will soon be delivered and installed by crane for the basement and mezzanine floor areas. This activity is on track for mid-March as previously noted.
6. Geothermal well drilling (part of the net-zero design utilizing renewable energy) was initially delayed due to sub-zero weather but will still begin mid-March.

## Project Administration

1. Our Construction team continues to meet weekly to discuss and advance administrative activities such as material/product submittal review, and responses to questions that arise from the construction field staff. Primary focus has been on MEPFP (Mechanical, Electrical, Plumbing, Fire Protection) coordination, which is primarily enabled through use of 3-D BIM (Building Information Modeling) coordination. See screen shot below.
2. The OAC (Owner-Architect-Contractor) progress meetings continue and generally focus on general status updates, community interface issues, cost issues and/or coordination of owner-direct work. Several of our recent meetings have included discussion on:
  1. Security access details and coordination
  2. Cellular and Emergency Radio Equipment coordination
3. The HFD team continues to meet weekly to review the budget, open project items and strategize on overall project issues.
4. Planning to accommodate supply-chain issues continues to be a focus, however most items with lead-time issues have now been assessed, and durations, while not able to be set in stone, are for the most part known as much as is feasible in the current economy.
  - a) As previously reported, furniture has been ordered to avoid significant cost increases.
  - b) Our focus now is on owner-direct technology and equipment and coordinating design and procurement.



# Huffman Facility Development, Inc.

## Budget Updates

| DESCRIPTION                                                                  | BUDGET            | FINAL PROJECTED COST | INVOICED TO DATE | % Complete |
|------------------------------------------------------------------------------|-------------------|----------------------|------------------|------------|
| Pre-Development                                                              | 56,322            | 63,503               | 63,418           | 100%       |
| Professional Services<br><i>Design, Project Mgmt, Legal, Quality Testing</i> | 1,221,585         | 1,269,140            | 980,957          | 77%        |
| Owner Provided Equipment                                                     | 858,515           | 858,515              | 158,452          | 18%        |
| Construction                                                                 | 18,834,443        | 18,839,443           | 2,563,894        | 14%        |
| Other Project Expense                                                        | 85,000            | 95,419               | 66,590           | 70%        |
| Income                                                                       | (32,000)          | (32,000)             | 0                | 0%         |
| Owner Contingency                                                            | 1,003,700         | 933,545              | 0                | 0%         |
| <b>TOTAL</b>                                                                 | <b>22,027,565</b> | <b>22,027,565</b>    | <b>3,833,311</b> | <b>17%</b> |
| <b>FINAL PROJECTED COST</b>                                                  | <b>22,027,565</b> |                      |                  |            |
| <b>Balance - Under / (Over)</b>                                              | <b>0</b>          |                      |                  |            |



## Project Update Photos



Basement Foundation Walls (foreground)  
Masonry HydroMobile setup (background is PD)



Basement Foundation Walls (foreground)  
Masonry Walls at FD (background)



## Project Update Photos



Masonry at Fire Unit Turn-Out Gear



Foundation work at Basement and Elevator



## Project Update Photos



Masonry at Police Unit



Masonry at Police Garage

  
**VILLAGE OF**  
**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Administration

**CONTACT:** Matt Schuenke, Village Administrator

**AGENDA ITEM:** Discussion and action regarding proposed Change Order PS-001 for the Public Safety Center to address additional concrete protections.

**PREVIOUS ACTION:**

None.

**ISSUE SUMMARY:**

Additional funds were requested by the Contractor through this proposed change order to account for more winter construction than they were thinking was needed at the time of bidding.

Mostly there were some coordination issues that took a bit longer on the front end to get the contract in place in order to allow the work to begin as planned. They previously anticipated starting in September of 2021 and that was pushed to October last year which as the dominos fell pushed more concrete work into the colder time frame than they thought was going to be needed. The Contractor has agreed to split the difference on the added cost as is shown within the attached proposed change order. Winter construction was inevitable based on when the project was bid and the window was tight to get started in advance of that. Unfortunately the colder weather affected things more than both sides anticipated along with when the project eventually got started. Splitting the difference in the cost is fair given the challenges encountered by all parties, and is recommended by the Architect and Owner's Representative following their review of the proposed change order.

**FINANCIAL/BUDGET IMPACT:**

The total cost of this proposed change order is \$28,000 and represents 2.8% of the total contingency utilized thus far for the project (this is the first draw into the contingency via change order).

**VILLAGE PLAN REFERENCE:**

None.

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

Motion, second to approve Change Order PS-001 for the Public Safety Center to address



additional concrete protections.

**ATTACHMENTS:**

1. 6005 - 220307 PCO-004r2.2 PS-01 Proposal - Conc H-W ONLY JS



## Proposed Change Order Transmittal

J. P. Cullen and Sons, Inc. | 330 East Delavan Drive P.O. Box 5957 Janesville WI 53546 United States

|               |                                                   |                           |             |
|---------------|---------------------------------------------------|---------------------------|-------------|
| PROJECT:      | 6005 - McFarland Public Safety Center<br>6005.000 | DATE SENT:                | 3/7/2022    |
|               |                                                   | RETURN BY:                | 3/15/2022   |
| SUBJECT:      | PS-001 Additional Conc H-W Protections            | PROPOSED CHANGE ORDER ID: | PCO-004r2.2 |
| TYPE:         | Proposed Change Order                             | TRANSMITTAL ID:           | 00714       |
| PURPOSE:      | For Review                                        | VIA:                      | Email       |
| TOTAL DAYS:   | 0                                                 |                           |             |
| TOTAL AMOUNT: | \$28,000.00                                       |                           |             |

### FROM

| NAME            | COMPANY                     | EMAIL                        | PHONE        |
|-----------------|-----------------------------|------------------------------|--------------|
| Justin Buchholz | J. P. Cullen and Sons, Inc. | Justin.Buchholz@JPCullen.com | 608-754-6601 |

### TO

| NAME          | COMPANY    | EMAIL                       | PHONE |
|---------------|------------|-----------------------------|-------|
| Jordan Schulz | Huffman FD | jschulz@keelpartnersinc.com |       |

REMARKS: Please see attached REVISED cost proposal specific to additional concrete heat and weather protection required due to delays associated with Project Supplement #1 revisions.

### COPIES:

John Kniesz (Bray Architects)

Approved by HFD. JPC to include in CO#01.

## REQUEST FOR QUOTATION

Project: McFarland Public Safety Center

7 March 2022

JPC PCO #: 004r2.2

Description: Winter concrete protection related to delays from State Plan review duration and revisions.

*\*\*Supervisory Labor Rates valid through 12/31/21; Trade Labor Rates valid through 05/31/22\*\**

### Activity Description

JP Cullen & Sons Inc.

| General Contractor Work                      | Units | Quantity | Base Rate | PT&I    | Total Rate | TOTAL       |
|----------------------------------------------|-------|----------|-----------|---------|------------|-------------|
| <b>Temp Concrete Cold Weather Protection</b> |       |          |           |         |            |             |
| Carpenter Foreman - (6wk @ 2 hrs/day)        | HR    | 60       | \$82.58   | \$13.77 | \$96.35    | \$5,781.00  |
| Carpenter - (6wk @ 2 hrs/day)                | HR    | 60       | \$62.91   | \$9.77  | \$72.68    | \$4,360.80  |
| Laborer Foreman - (6wk @ 2 hrs/day)          | HR    | 60       | \$67.94   | \$11.94 | \$79.88    | \$4,792.80  |
| Laborer - (6wk @ 2 hrs/day)                  | HR    | 60       | \$50.77   | \$8.43  | \$59.20    | \$3,552.00  |
| <b>Ground Thaw</b>                           |       |          |           |         |            |             |
| Laborer Foreman - Ground Thaw                | HR    | 80       | \$67.94   | \$11.94 | \$79.88    | \$6,390.40  |
| Laborer - Ground Thaw                        | HR    | 80       | \$50.77   | \$8.43  | \$59.20    | \$4,736.00  |
| <b>Labor Subtotal</b>                        |       |          |           |         |            | \$29,613.00 |
| <b>Self-Performed Labor OH&amp;P 15%</b>     |       |          |           |         |            | \$4,441.95  |
| <b>JP Cullen Labor Total</b>                 |       |          |           |         |            | \$34,054.95 |

| MATERIALS                                     | Units         | Quantity | Unit Price | Material   | Tax (0%) | TOTAL      |
|-----------------------------------------------|---------------|----------|------------|------------|----------|------------|
| Area F Heated Conc (789 CY @1/3)              | CY            | 260.37   | \$ 8.00    | \$2,082.96 | \$0.00   | \$2,082.96 |
| Area F Temp Plastic @ Conc Protection         | Roll (20x100) | 8        | \$ 98.00   | \$784.00   | \$43.12  | \$827.12   |
| <b>Material Subtotal</b>                      |               |          |            |            |          | \$2,910.08 |
| <b>Self-Performed Material OH&amp;P @ 15%</b> |               |          |            |            |          | \$436.51   |
| <b>Material Total</b>                         |               |          |            |            |          | \$3,346.59 |

| LARGE TOOL & EQUIPMENT                                      | Units   | Quantity | Unit Price  | Material   | Tax (5.5%) | TOTAL       |
|-------------------------------------------------------------|---------|----------|-------------|------------|------------|-------------|
| Ground Thaw Equip, Hose, and Fuel                           | MO      | 1        | \$ 7,079.00 | \$7,079.00 | \$389.34   | \$7,468.35  |
| Ground Thaw Fuel (28d*24hr*2.75g)                           | GAL     | 1848     | \$ 3.50     | \$6,468.00 | \$355.74   | \$6,823.74  |
| Concrete Blankets (by rack)                                 | Rack/MO | 1.5      | \$ 500.00   | \$750.00   | \$41.25    | \$791.25    |
| <b>Large Tool &amp; Equip Subtotal</b>                      |         |          |             |            |            | \$15,083.34 |
| <b>Self-Performed Large Tool &amp; Equip OH&amp;P @ 15%</b> |         |          |             |            |            | \$2,262.50  |
| <b>Large Tool &amp; Equip Total</b>                         |         |          |             |            |            | \$17,345.84 |

| SUBCONTRACTORS                     | Services | TOTAL  |
|------------------------------------|----------|--------|
| <b>Subtotal</b>                    |          | \$0.00 |
| <b>Subcontractor OH&amp;P @ 7%</b> |          | \$0.00 |
| <b>Subcontract Total</b>           |          | \$0.00 |

Bond @ 1% \$547.47

**TOTAL** \$55,295

JPC Cost Share (\$27,295.00)

**FINAL TOTAL** \$28,000

  
**VILLAGE OF**  
**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Public Works

**CONTACT:** Matt Schuenke, Village Administrator, Sayer Larson, Parks  
Superintendent, Jim Hessling, Public Works Director

**AGENDA ITEM:** Discussion and action regarding the award of contract to construct  
Pickleball Courts at William McFarland Park.

**PREVIOUS ACTION:**

The Parks Committee met on January 23rd, April 16th, May 28th, August 27th, September 24th, and October 24th all in 2020 to review and discuss options for pickleball development. Initial discussions focused on adding the amenity to either Lewis Park or Siggelkow Road Park. Based on feedback received in that process, the improvement was added to consideration for William McFarland Park where it was accepted as part of that Master Plan.

The Village Board accepted the master plan for William McFarland Park at its meeting on November 8, 2021.

The Village Board adopted the 2022 Budget at its meeting on November 22, 2021 which included funding for the project as presented within this design.

The Parks, Recreation, and Natural Resources Committee reviewed the draft design and took action to recommend approval of the design as well as authorize the project for bidding at their meeting on December 16, 2021.

The Village Board approved the design and authorized the project for bidding on January 10, 2022.

The Parks, Recreation, and Natural Resources Committee recommended approval to award the bid as presented at their meeting held on February 24, 2022.

**ISSUE SUMMARY:**

The 2022 Budget included funding to construct pickleball courts within William McFarland Park. We have been discussing the pickleball issue for some time now, and finally found a suitable location through the new Master Plan that has been developed for this park. The new courts will be located immediately south of the Madison Curling Club and adjacent to the existing park shelter. The project will consist of 8 courts, related fencing, seating, lighting, shade, landscaping, and other support amenities. The design plans are enclosed for review and background on what is intended for construction. The cost overall has been projected less than what was previously estimated at other locations because this site will utilize existing parking





and restroom facilities that are already established. Bids were opened for the project on February 2nd with results included in the packet and discussed later in this memo under the finance section. There were 7 bids received in the project with the lowest submitted by Parisi Construction of Madison. A memorandum from the design engineer is included in your packet summarizing bid results and providing a recommendation to award as presented to the low bidder.

The Plan Commission conducted site/design review at its meeting on February 21st and granted approval as presented. Two conditions included addressing comments from the Village Engineer and addressing additional windscreening as funds allow.

Construction is scheduled to begin around June 20th after the Spring soccer season is complete. Completion is anticipated in the middle of September for use late in the Fall.

#### **FINANCIAL/BUDGET IMPACT:**

The 2022 Budget was approved to allocate \$325,000 for the project. The funds are from the 2021 Borrowing which is when the project was originally expected to be constructed. This was based on the estimated cost from the Master Plan accepted last Fall at a cost of \$310,000. Costs, unfortunately, have escalated greatly since that time period in excess of these budget parameters.

*Expenses* - Please note the following breakdown of project expenses to implement the project as proposed:

|           |                             |
|-----------|-----------------------------|
| \$396,068 | Construction Contract       |
| \$ 7,860  | Construction Administration |
| \$ 40,393 | Contingency                 |
| \$ 679    | Rounding                    |
| <hr/>     |                             |
| \$445,000 | Total Project Expense       |

*Revenues* - The following revenues are proposed to fund the projects costs as listed above including what has been previously approved as well as what's needed to cover the overage:

|           |                                         |
|-----------|-----------------------------------------|
| \$325,000 | 2022 Budget Allocation (2021 Borrowing) |
| \$ 75,000 | 2022 Borrowing (New Money)              |
| \$ 45,000 | 2022 Parks Fund (New Money)             |
| <hr/>     |                                         |
| \$445,000 | Total Project Revenue                   |

The project as presented based on the bids received is \$120,000 under budget but based on updated estimates in January that was entirely unexpected. Staff proposes to close the gap by applying \$75,000 in new borrowed money from 2022 and \$45,000 from impact fees within the Parks Fund. The addition of these revenue sources close that gap and fully fund the project for it to be implemented as planned. Road project bids came in less than anticipated which allowed for the additional borrowed money for this purpose while leaving the total planned borrowing for the year within the budget set for those sources of funds. Additionally, the Parks Fund will have approximately \$1.2 million (unaudited) at the end of 2021 of which this contribution represents less than 4% of that total. The Committee reviewed this and was also agreeable to



funding the project in this manner.

**VILLAGE PLAN REFERENCE:**

**Outdoor Recreation and Open Space Plan 2019-2023** - Pickleball is included within this plan trying to place an "emphasis on the provision of areas and facilities for those of varying physical abilities that can support lifetime recreational exercise activities" (Page 28). There are many different examples of this, this is not the only item that fits this definition. There were four locations identified within this plan for this improvement: 1) future Eastside (Community) Park; 2) **William McFarland Park**; 3) Highland Oaks Park; and 4) Siggelkow Road Park (page 33). The proposed improvement is consistent with this plan as presented.

**McFarland 2020-2030 Strategic Plan** - This plan established a goal to "support the development of active and passive recreational amenities that appeal to all age groups and abilities" (Page 10). One of the strategies to achieve this goal as outlined within the plan is to "develop new and diverse park system amenities for indoor and outdoor use that are not currently offered in our Community" (Page 10). While not something that has a league behind it or established programs through the Recreation Department, this amenity certainly fits the objective that was created here based on the interest we have seen from the public previously on the matter. Annually the Village Board has reviewed this as part of its goals and objectives from year to year, and continues to place an emphasis through the funding adopted for the project.

**2021 William McFarland Park and New Community Park Master Plan (Appendices)** -

Very recently we completed this Master Plan to help chart out future growth of this park. The first phase of implementation was the addition of pickleball courts. The design as presented is consistent with this plan. This will displace two U8 soccer fields; however, Staff has met with the Soccer Club and they are supportive of the project and will work with the Village on finding space for those two smaller fields.

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended action:

*Motion, second to award contract to Parisi Construction of Madison in an amount of \$396,068 including the base bid for the project, construction administration, contingency, and approving the total costs for the project in an amount of \$445,000.*

**ATTACHMENTS:**

1. 22\_0212 WMCF Ph1 Recommendation
2. 22\_0202 WMCF Bid Tab
3. 22\_0107 WMCF Phase 1A Plans

**William McFarland Park Phase 1A  
Recommendation of Bid Results**

February 12, 2022

Matt Schuenke  
Village of McFarland  
5915 Milwaukee Street  
McFarland, WI 53558



Dear Matt:

This memo is in reference to the bid opening for the William McFarland Park Phase 1A that took place Wednesday February 2, at 2 PM.

We have reviewed the seven bids received and found all to be complete. Bids ranged from \$396,068 to \$500,449. Parisi Construction submitted the low bid of \$396,068. Parisi has built several similar projects recently and is qualified for this project. We have recent working project experience with them, high confidence in their abilities to perform the project scope, and we have verified the scope of work and assumptions with them via phone call.

Our opinion of probable cost for the base bid project was \$341,641 which was presented to the Village Board on January 10, 2022. While the bid is higher than the OPC, we have studied the unit prices, recognize the fluctuations in the current bidding climate, and find the results acceptable. The unit pricing submitted appears to be reasonable for current industry standards. The three major areas of difference between the OPC and bid received are in the court lighting, earthwork, and restoration items. Options to consider in an attempt to reduce cost could include negotiating with the contractor to reduce scope (removing design element) or rebidding the project entirely. Changing the project scope may still incur costs to complete the work that is removed (in house labor etc) and/or ultimately may not complete the project as intended when authorized for bidding. Given that seven bids were received, and they all exceeded the OPC rebidding is not likely to yield savings.

After reviewing the bid and discussions with the contractor, it is our opinion that the Village should accept the Parisi bid as received.

Please contact me if you have any questions.

Sincerely,

Blake Theisen, PLA, ASLA  
Principal

Parkitecture + Planning  
901 Deming Way, Suite 102  
Madison, WI 53717

E [blake@parkitecture.org](mailto:blake@parkitecture.org)

P 608.886.6808



Project: William McFarland Phase 1A  
Date: February 2, 2pm

BID TABULATION

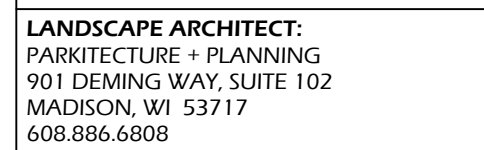
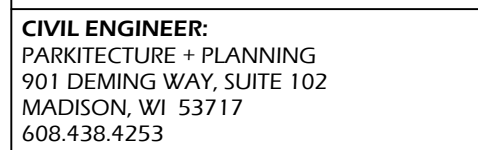
| BASE BID ITEMS |                             |      |      | ENGINEER'S ESTIMATE |             | Paris          |              | Janke          |              | Joe Daniels    |              | Badgerland Ex  |              | Meise          |              | Cattell        |              | M2 Construction |              |
|----------------|-----------------------------|------|------|---------------------|-------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|-----------------|--------------|
| Item #         | Item                        | Qty. | Unit | Unit cost           | Item Total  | Unit cost      | Item Total   | Unit cost      | Item Total   | Unit cost      | Item Total   | Unit cost      | Item Total   | Unit cost      | Item Total   | Unit cost      | Item Total   | Unit cost       | Item Total   |
| 1              | MOBILIZATION                | 1    | LS   | \$10,000.00         | \$10,000.00 | \$22,000.00    | \$22,000.00  | \$28,000.00    | \$28,000.00  | \$39,287.00    | \$39,287.00  | \$25,000.00    | \$25,000.00  | \$25,000.00    | \$25,000.00  | \$34,500.00    | \$34,500.00  | \$23,000.00     | \$23,000.00  |
| 2              | EROSION CONTROL             | 1    | LS   | \$3,000.00          | \$3,000.00  | \$4,700.00     | \$4,700.00   | \$5,500.00     | \$5,500.00   | \$1,637.00     | \$1,637.00   | \$7,000.00     | \$7,000.00   | \$7,000.00     | \$7,000.00   | \$7,500.00     | \$7,500.00   | \$5,000.00      | \$5,000.00   |
| 3              | DEMOLITION                  | 1    | LS   | \$2,500.00          | \$2,500.00  | \$1,000.00     | \$1,000.00   | \$4,300.00     | \$4,300.00   | \$250.00       | \$250.00     | \$1,000.00     | \$1,000.00   | \$1,000.00     | \$1,000.00   | \$5,000.00     | \$5,000.00   | \$5,000.00      | \$5,000.00   |
| 4              | EARTHWORK                   | 1    | LS   | \$12,000.00         | \$12,000.00 | \$36,100.00    | \$36,100.00  | \$32,300.00    | \$32,300.00  | \$11,448.00    | \$11,448.00  | \$29,000.00    | \$29,000.00  | \$29,000.00    | \$29,000.00  | \$50,000.00    | \$50,000.00  | \$60,000.00     | \$60,000.00  |
| 5              | DENSE GRADED BASECOURSE     | 1170 | TN   | \$20.00             | \$23,400.00 | \$13.50        | \$15,795.00  | \$20.20        | \$23,634.00  | \$18.97        | \$22,194.90  | \$15.00        | \$17,550.00  | \$15.00        | \$17,550.00  | \$25.00        | \$29,250.00  | \$17.50         | \$20,475.00  |
| 6              | CONCRETE PAVEMENT – 4"      | 730  | SF   | \$6.50              | \$4,745.00  | \$8.50         | \$6,205.00   | \$15.00        | \$10,950.00  | \$9.78         | \$7,139.40   | \$11.20        | \$8,176.00   | \$11.20        | \$8,176.00   | \$15.00        | \$10,950.00  | \$7.00          | \$5,110.00   |
| 7              | ASPHALTIC PAVEMENT          | 495  | TON  | \$95.00             | \$47,025.00 | \$58.00        | \$28,710.00  | \$113.50       | \$56,182.50  | \$133.32       | \$65,993.40  | \$146.00       | \$72,270.00  | \$146.00       | \$72,270.00  | \$110.00       | \$54,450.00  | \$144.00        | \$71,280.00  |
| 8              | 8" CHAINLINK FENCING        | 580  | LF   | \$45.00             | \$26,100.00 | \$49.75        | \$28,855.00  | \$62.00        | \$35,960.00  | \$49.34        | \$28,617.20  | \$53.25        | \$30,885.00  | \$53.25        | \$30,885.00  | \$60.00        | \$34,800.00  | \$52.00         | \$30,160.00  |
| 9              | 5" CHAINLINK FENCING        | 588  | LF   | \$35.00             | \$20,580.00 | \$36.50        | \$21,462.00  | \$54.00        | \$31,752.00  | \$36.10        | \$21,226.80  | \$39.53        | \$23,243.64  | \$39.53        | \$23,243.64  | \$52.00        | \$30,576.00  | \$38.00         | \$22,344.00  |
| 10             | 8" FENCE GATE               | 2    | EA   | \$1,700.00          | \$3,400.00  | \$1,800.00     | \$3,600.00   | \$1,900.00     | \$3,800.00   | \$1,816.50     | \$3,633.00   | \$2,000.00     | \$4,000.00   | \$2,000.00     | \$4,000.00   | \$1,840.00     | \$3,680.00   | \$1,800.00      | \$3,600.00   |
| 11             | 4" FENCE GATE               | 2    | EA   | \$1,200.00          | \$2,400.00  | \$1,100.00     | \$2,200.00   | \$1,400.00     | \$2,800.00   | \$1,086.00     | \$2,172.00   | \$1,200.00     | \$2,400.00   | \$1,200.00     | \$2,400.00   | \$1,350.00     | \$2,700.00   | \$1,200.00      | \$2,400.00   |
| 12             | 4" UNDERDRAIN               | 220  | LF   | \$20.00             | \$4,400.00  | \$21.25        | \$4,675.00   | \$21.00        | \$4,620.00   | \$9.33         | \$2,052.60   | \$19.00        | \$4,180.00   | \$19.00        | \$4,180.00   | \$30.00        | \$6,600.00   | \$20.00         | \$4,400.00   |
| 13             | COURT SURFACING             | 1    | LS   | \$30,000.00         | \$30,000.00 | \$28,400.00    | \$28,400.00  | \$36,800.00    | \$36,800.00  | \$28,114.00    | \$28,114.00  | \$30,792.00    | \$30,792.00  | \$30,792.00    | \$30,792.00  | \$28,000.00    | \$28,000.00  | \$41,400.00     | \$41,400.00  |
| 14             | COURT EQUIPMENT             | 8    | LS   | \$1,200.00          | \$9,600.00  | \$2,000.00     | \$16,000.00  | \$1,900.00     | \$15,200.00  | \$1,956.25     | \$15,650.00  | \$1,500.00     | \$12,000.00  | \$1,500.00     | \$12,000.00  | \$1,825.00     | \$14,600.00  | \$2,000.00      | \$16,000.00  |
| 15             | COURT FENCING WINDSCREENS   | 280  | LF   | \$7.20              | \$2,016.00  | \$9.70         | \$2,716.00   | \$12.40        | \$3,472.00   | \$9.61         | \$2,690.80   | \$10.72        | \$3,001.60   | \$10.72        | \$3,001.60   | \$12.00        | \$3,360.00   | \$11.00         | \$3,080.00   |
| 16             | SHADE STRUCTURES            | 2    | EA   | \$12,000.00         | \$24,000.00 | \$14,500.00    | \$29,000.00  | \$16,000.00    | \$32,000.00  | \$13,112.50    | \$26,225.00  | \$16,110.00    | \$32,220.00  | \$16,110.00    | \$32,220.00  | \$14,500.00    | \$29,000.00  | \$15,000.00     | \$30,000.00  |
| 17             | COURT LIGHTING              | 1    | LS   | \$85,000.00         | \$85,000.00 | \$101,000.00   | \$101,000.00 | \$30,000.00    | \$30,000.00  | \$104,711.00   | \$104,711.00 | \$126,500.00   | \$126,500.00 | \$126,500.00   | \$126,500.00 | \$102,000.00   | \$102,000.00 | \$115,000.00    | \$115,000.00 |
| 18             | ELECTRIC SERVICE CONNECTION | 1    | LS   | \$6,000.00          | \$6,000.00  | \$740.00       | \$740.00     | \$4,700.00     | \$4,700.00   | \$730.00       | \$730.00     | \$4,000.00     | \$4,000.00   | \$4,000.00     | \$4,000.00   | \$1,000.00     | \$1,000.00   | \$1,000.00      | \$1,000.00   |
| 19             | TREES                       | 7    | EA   | \$425.00            | \$2,975.00  | \$530.00       | \$3,710.00   | \$810.00       | \$5,670.00   | \$709.00       | \$4,963.00   | \$600.00       | \$4,200.00   | \$600.00       | \$4,200.00   | \$480.00       | \$3,360.00   | \$600.00        | \$4,200.00   |
| 20             | RESTORATION                 | 1    | LS   | \$4,500.00          | \$4,500.00  | \$14,900.00    | \$14,900.00  | \$8,000.00     | \$8,000.00   | \$6,563.00     | \$6,563.00   | \$8,000.00     | \$8,000.00   | \$8,000.00     | \$8,000.00   | \$20,000.00    | \$20,000.00  | \$5,000.00      | \$5,000.00   |
| 21             | STORMWATER MANAGEMENT AREA  | 1    | LS   | \$18,000.00         | \$18,000.00 | \$24,300.00    | \$24,300.00  | \$24,300.00    | \$24,300.00  | \$26,221.00    | \$26,221.00  | \$10,000.00    | \$10,000.00  | \$10,000.00    | \$10,000.00  | \$15,000.00    | \$15,000.00  | \$32,000.00     | \$32,000.00  |
| BASE BID TOTAL |                             |      |      | \$341,641.00        |             | BASE BID TOTAL | \$396,068.00 | BASE BID TOTAL | \$399,940.50 | BASE BID TOTAL | \$421,519.10 | BASE BID TOTAL | \$455,418.24 | BASE BID TOTAL | \$455,418.24 | BASE BID TOTAL | \$486,326.00 | BASE BID TOTAL  | \$500,449.00 |

## A map of the Twin Oaks area in Wisconsin. The map shows Madison to the northwest, Monona to the northeast, and McFarland to the east. A black circle highlights the location of Twin Oaks, which is situated near McFarland and the intersection of Highway 51 and Highway 100. Other labeled locations include Madison Children's Museum, Monona Bay, Lake Monona, Lake Waubesa, and various roads like Regent St, W. Main Ave, and W. Brodway. The map also shows the Wisconsin-Michigan border and the location of the Wisconsin Dells.

NTS

NTS

| INDEX TO DRAWINGS |                                     |
|-------------------|-------------------------------------|
| T100              | TITLE SHEET                         |
|                   |                                     |
| C100              | EXISTING CONDITIONS                 |
| C101              | DEMOLITION AND EROSION CONTROL PLAN |
|                   |                                     |
| C200              | OVERALL SITE PLAN                   |
| C201              | COURT LAYOUT PLAN                   |
| C202              | COURT SURFACING & LIGHTING PLAN     |
| C203              | LIGHTING PHOTOMETRICS               |
|                   |                                     |
| C300              | SITE GRADING PLAN                   |
|                   |                                     |
| C900              | CONSTRUCTION DETAILS                |
| C901              | CONSTRUCTION DETAILS                |
| C902              | CONSTRUCTION DETAILS                |
| C903              | CONSTRUCTION DETAILS                |
| C904              | CONSTRUCTION DETAILS                |
| C905              | CONSTRUCTION DETAILS                |



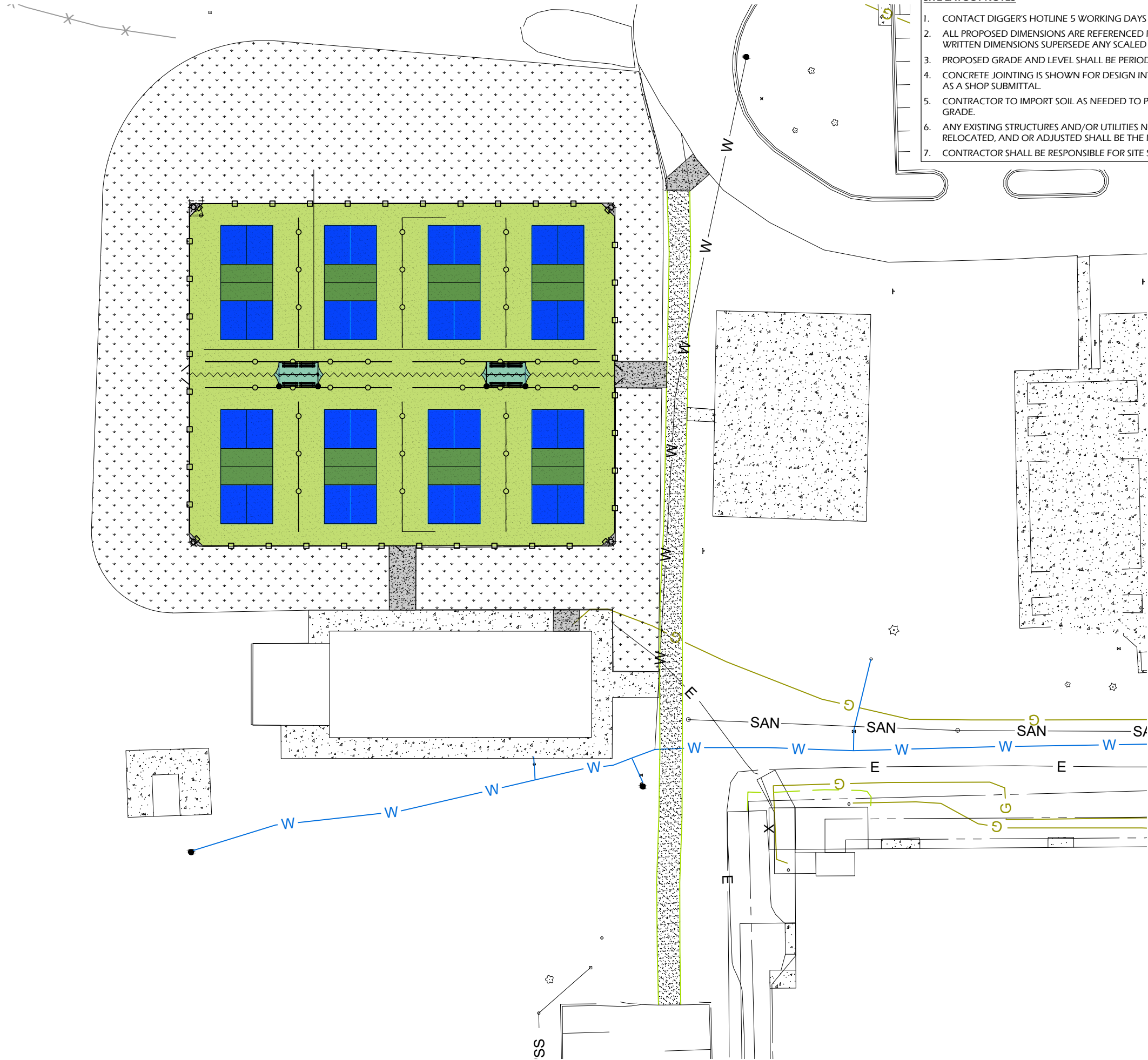
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# T100

Page 76 of 322



File: V:\20.010 McFarland Pickleball\CAD\P-SP.dwg Layout: C200 User: Blake Plotted: Jan 06, 2022 — 5:16pm



SITE LAYOUT NOTES

1. CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
2. ALL PROPOSED DIMENSIONS ARE REFERENCED PARALLEL OR PERPENDICULAR TO THE PROPOSED FEATURES SHOWN. WRITTEN DIMENSIONS SUPERSEDE ANY SCALED DIMENSIONS.
3. PROPOSED GRADE AND LEVEL SHALL BE PERIODICALLY REVIEWED IN THE FIELD BY THE OWNER OR A/E.
4. CONCRETE JOINTING IS SHOWN FOR DESIGN INTENT. FINAL SCORING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AS A SHOP SUBMITTAL.
5. CONTRACTOR TO IMPORT SOIL AS NEEDED TO PREPARE TURF AREAS. CONTRACTOR TO FINE GRADE ALL AREAS TO FINISH GRADE.
6. ANY EXISTING STRUCTURES AND/OR UTILITIES NOT SHOWN ON THESE DOCUMENTS WHICH NEED TO BE REMOVED, RELOCATED, AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR AND INCLUDED IN THE BASE BID.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE STAKING. DIGITAL PLAN FILES MAY BE AVAILABLE FROM THE A/E.

LEGEND

- |                              |  |
|------------------------------|--|
| 4" CONCRETE PAVEMENT         |  |
| ASPHALT COURT WITH SURFACING |  |
| RESTORATION                  |  |
| SAWCUT LINE                  |  |

LANDSCAPE AND RESTORATION NOTES

1. CONTRACTOR SHALL MEET EXISTING GRADE AT GRADING LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.
2. SEED/SOIL PLACEMENT SHALL EXTEND TO THE LIMITS OF CONSTRUCTION DISTURBANCE.
5. ALL GENERAL LANDSCAPE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED WITH 4" MINIMUM TOPSOIL DEPTH AND SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS. THIS SHALL INCLUDE ANY AREAS OUTSIDE OF THE PROJECT LIMITS THAT ARE DISTURBED BY CONTRACTOR ACTIVITY.

Project Name: **WILLIAM MCFARLAND PARK PHASE 1A: PICKLEBALL**

4802 Marsh Road  
McFarland, WI 53558

**PARKITECTURE  
+ PLANNING**  
901 Deming Way, Suite 102  
Madison, WI 53717  
608.886.6808

Revisions:

Project #: 20.010  
Issued For: Review  
Date: 1/06/2022

Sheet Number

**C200**

Sheet Title: **OVERALL SITE PLAN**



File: V:\20.010 McFarland Pickleball\CAD\P-SF.dwg Layout: C201 User: Blake Plotted: Jan 06, 2022 — 5:18pm

PLANT MATERIAL SCHEDULE

| Symb  | Botanical name      | Common Name          | Size/Root     | Qty |
|-------|---------------------|----------------------|---------------|-----|
| TREES |                     |                      |               |     |
| CC    | Cercis canadensis   | Redbud 'Columbus'    | 1.5" Cal, B&B | 4   |
| CO    | Celtis occidentalis | American Hackberry   | 2" Cal, B&B   | 1   |
| OV    | Ostrya virginiana   | American Hophornbeam | 2" Cal, B&B   | 2   |

SITE LAYOUT NOTES

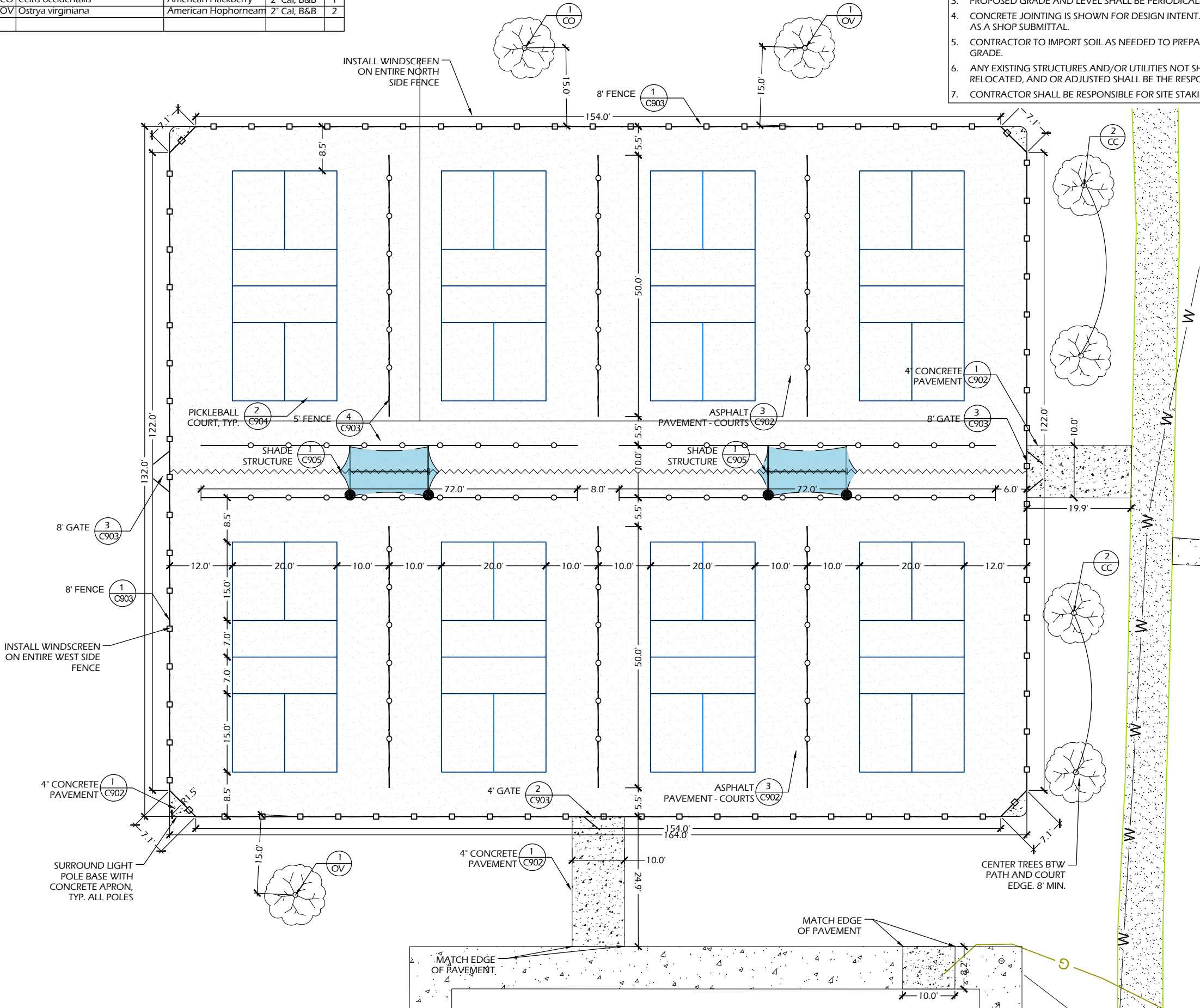
- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- ALL PROPOSED DIMENSIONS ARE REFERENCED PARALLEL OR PERPENDICULAR TO THE PROPOSED FEATURES SHOWN. WRITTEN DIMENSIONS SUPERSEDE ANY SCALED DIMENSIONS.
- PROPOSED GRADE AND LEVEL SHALL BE PERIODICALLY REVIEWED IN THE FIELD BY THE OWNER OR A/E.
- CONCRETE JOINTING IS SHOWN FOR DESIGN INTENT. FINAL SCORING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AS A SHOP SUBMITTAL.
- CONTRACTOR TO IMPORT SOIL AS NEEDED TO PREPARE TURF AREAS. CONTRACTOR TO FINE GRADE ALL AREAS TO FINISH GRADE.
- ANY EXISTING STRUCTURES AND/OR UTILITIES NOT SHOWN ON THESE DOCUMENTS WHICH NEED TO BE REMOVED, RELOCATED, AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR AND INCLUDED IN THE BASE BID.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE STAKING. DIGITAL PLAN FILES MAY BE AVAILABLE FROM THE A/E.

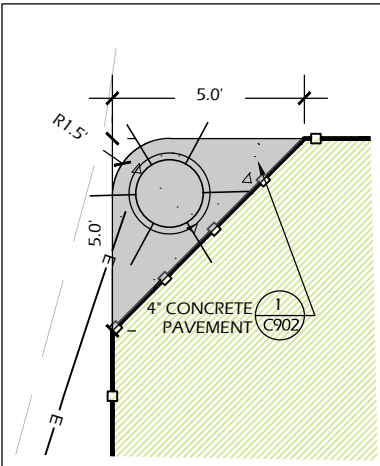
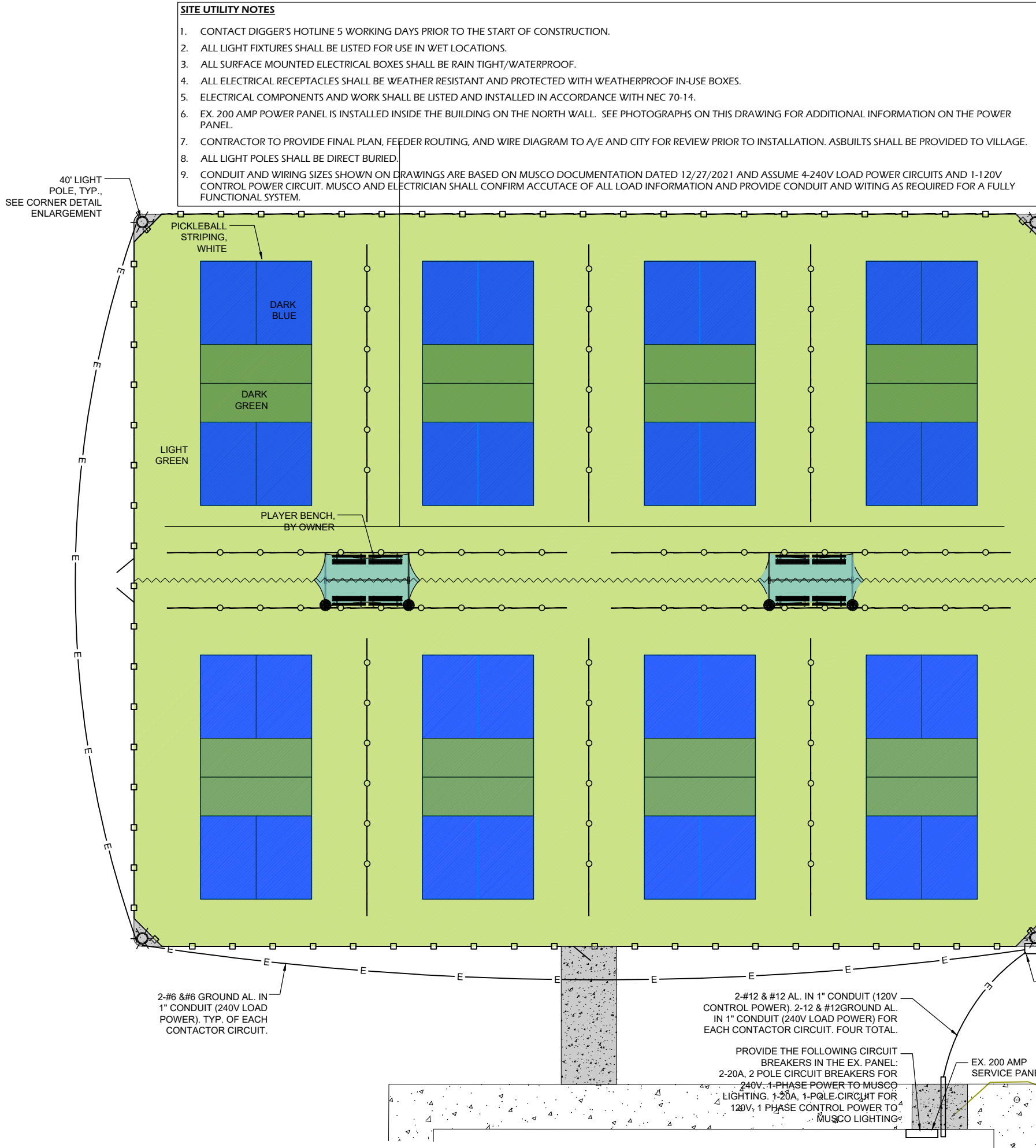
LEGEND

- 4" CONCRETE PAVEMENT
- ASPHALT COURT WITH SURFACING
- RESTORATION
- SAWCUT LINE

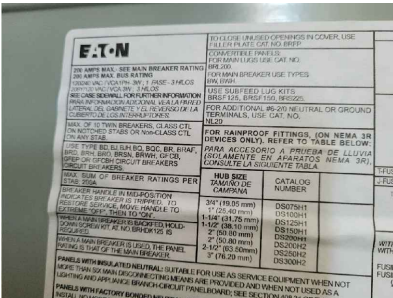
LANDSCAPE AND RESTORATION NOTES

- CONTRACTOR SHALL MEET EXISTING GRADE AT GRADING LIMITS WITH A SMOOTH AND CONTINUOUS TRANSITION.
- SEED/SOIL PLACEMENT SHALL EXTEND TO THE LIMITS OF CONSTRUCTION DISTURBANCE. CITY TO PROVIDE SEED/STRAW.
- ALL GENERAL LANDSCAPE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED WITH 4" MINIMUM TOPSOIL DEPTH AND SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS. THIS SHALL INCLUDE ANY AREAS OUTSIDE OF THE PROJECT LIMITS THAT ARE DISTURBED BY CONTRACTOR ACTIVITY. WATERING SHALL BE BY CITY.





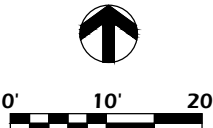
CORNER DETAIL - 1"=5'



PHOTOS OF EX. PANEL

**LEGEND**

|                              |  |
|------------------------------|--|
| 4" CONCRETE PAVEMENT         |  |
| ASPHALT COURT WITH SURFACING |  |
| RESTORATION                  |  |
| SAWCUT LINE                  |  |



**PARKITECTURE + PLANNING**

901 Deming Way, Suite 102  
Madison, WI 53717  
608.886.6808

**WILLIAM MCFARLAND PARK PHASE 1A: PICKLEBALL**

4802 Marsh Road  
McFarland, WI 53558

Project Name: WILLIAM MCFARLAND PARK PHASE 1A: PICKLEBALL

Revisions:

Project #: 20.010

Issued For: Review

Date: 1/06/2022

Sheet Number: C202

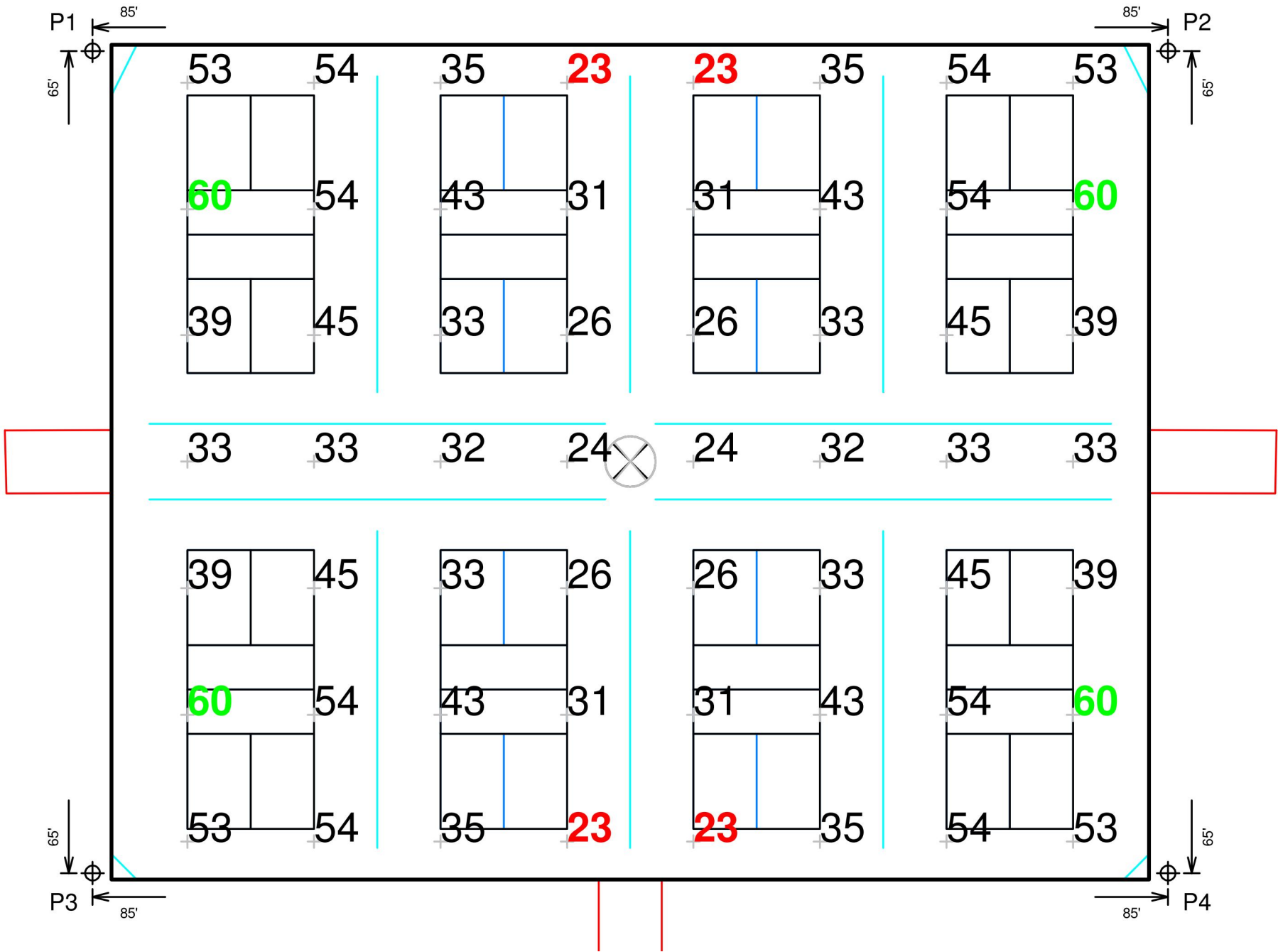
Sheet Title: COURT SURFACING & LIGHTING PLAN

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File: V:\20.010 McFarland Pickleball\CAD\P-SF.dwg Layout: C203 User: Blake Plotted: Jan 06, 2022 - 5:20pm

| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |           |             |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |          |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 4                              | P1-P4    | 40'  | -               | 40'             | TLC-LED-900    | 3          | 3         | 0           |
| 4                              | TOTALS   |      |                 |                 |                | 12         | 12        | 0           |



## William McFarland Park Pickleball

McFarland,WI

| GRID SUMMARY |                  |
|--------------|------------------|
| Name:        | Pickleball       |
| Size:        | 164' x 132'      |
| Spacing:     | 20.0' x 20.0'    |
| Height:      | 3.0' above grade |

| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Scan Average:                     | 39.88       |
| Maximum:                          | 60          |
| Minimum:                          | 23          |
| Avg / Min:                        | 1.72        |
| Max / Min:                        | 2.59        |
| UG (adjacent pts):                | 1.55        |
| CU:                               | 0.85        |
| No. of Points:                    | 56          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | A           |
| No. of Luminaires:                | 12          |
| Total Load:                       | 10.68 kW    |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume  $\pm$  3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |  |  |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|--|--|
| Pole                           |          |      |                 | Luminaires      |                |            |  |  |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE |  |  |
| 4                              | P1-P4    | 40'  | -               | 40'             | TLC-LED-900    | 3          |  |  |
| 4                              | TOTALS   |      |                 |                 |                | 12         |  |  |

| SINGLE LUMINAIRE AMPERAGE DRAW CHART             |  |                                           |             |             |             |             |             |             |
|--------------------------------------------------|--|-------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Ballast Specifications<br>(.90 min power factor) |  | Line Amperage Per Luminaire<br>(max draw) |             |             |             |             |             |             |
| Single Phase Voltage                             |  | 208<br>(60)                               | 220<br>(60) | 240<br>(60) | 277<br>(60) | 347<br>(60) | 380<br>(60) | 480<br>(60) |
| TLC-LED-900                                      |  | 5.3                                       | 5.0         | 4.6         | 4.0         | 3.2         | 2.9         | 2.3         |

PARKITECTURE  
+ PLANNING

901 Deming Way, Suite 102  
Madison, WI 53717  
608.866.6808

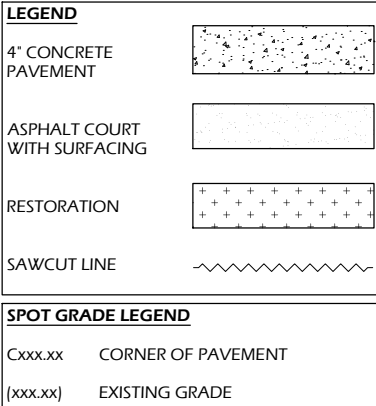
PROJECT NAME:  
WILLIAM MCFARLAND PARK PHASE 1A: PICKLEBALL  
4802 Marsh Road  
McFarland, WI 53558

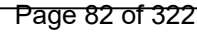
PROJECT #:  
20.010  
ISSUED FOR:  
Review  
DATE:  
1/06/2022

SHEET TITLE:  
LIGHTING PHOTOMETRICS

SHEET NUMBER:  
C203

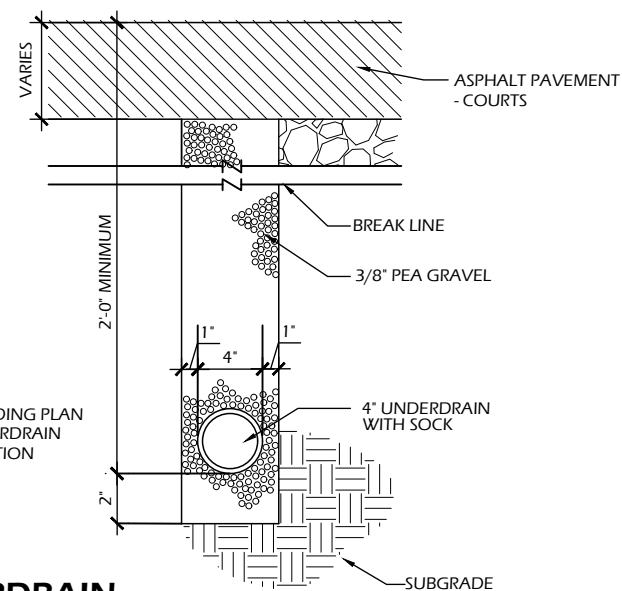
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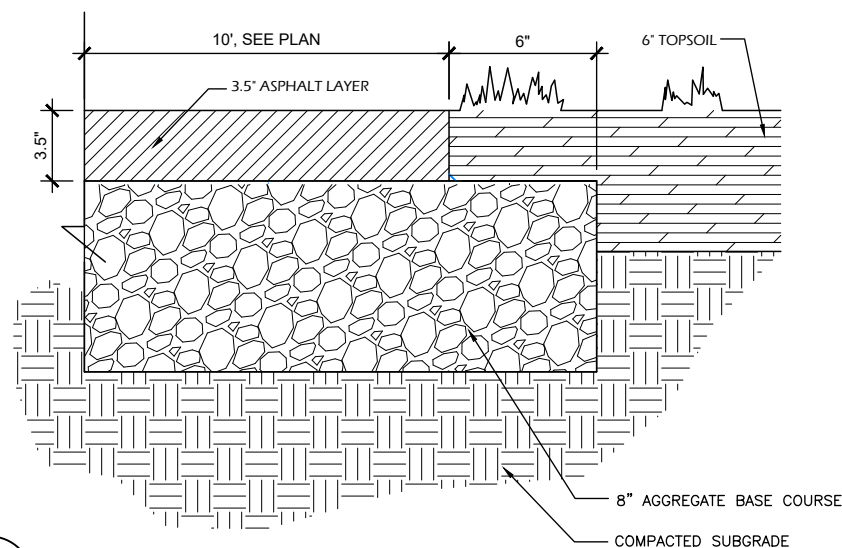




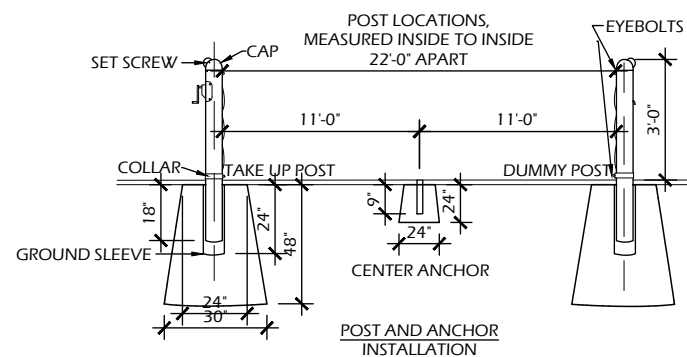




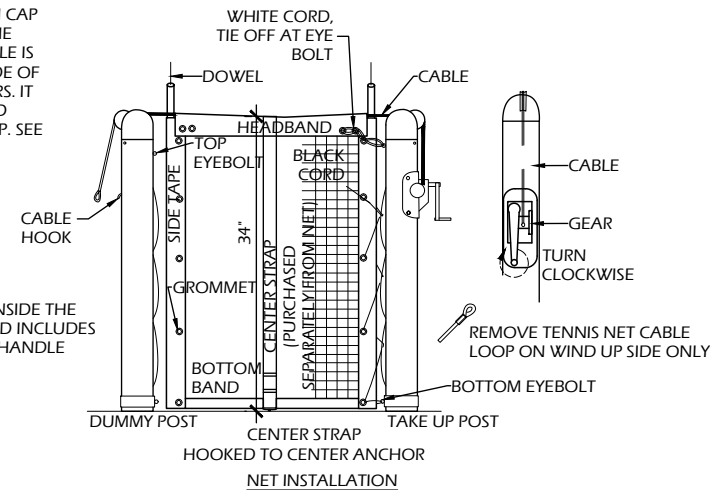
**7 UNDERDRAIN**  
C902 SCALE: NTS



**6 ASPHALT PAVEMENT - PATH**

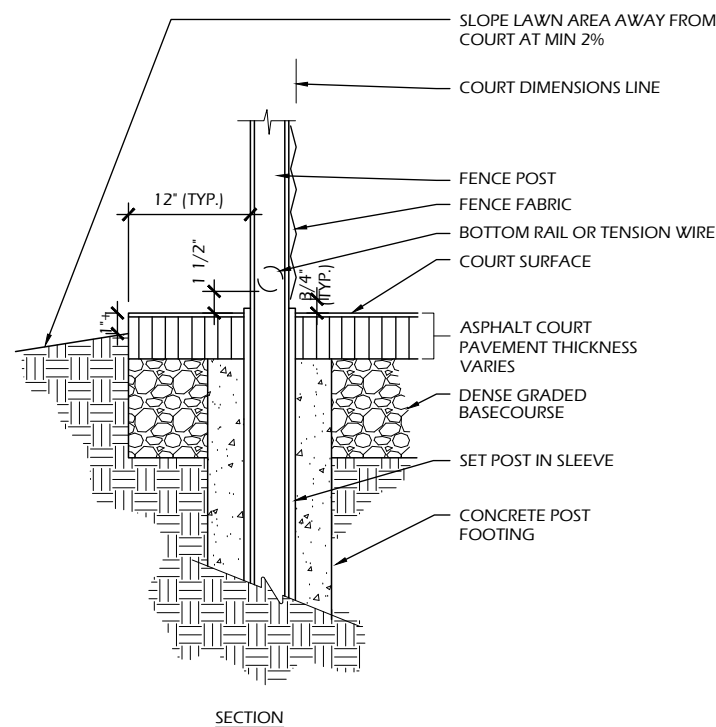


NOTE: ENSURE PULLEY ON CAP IS FACING AWAY FROM THE COURT AND THE NET CABLE IS INSTALLED DOWN THE SIDE OF THE POST AND INTO GEARS. IT SHOULD **NOT** BE INSTALLED DOWN THROUGH THE CAP. SEE NET INSTALLATION INSTRUCTIONS FOR AN ILLUSTRATION.

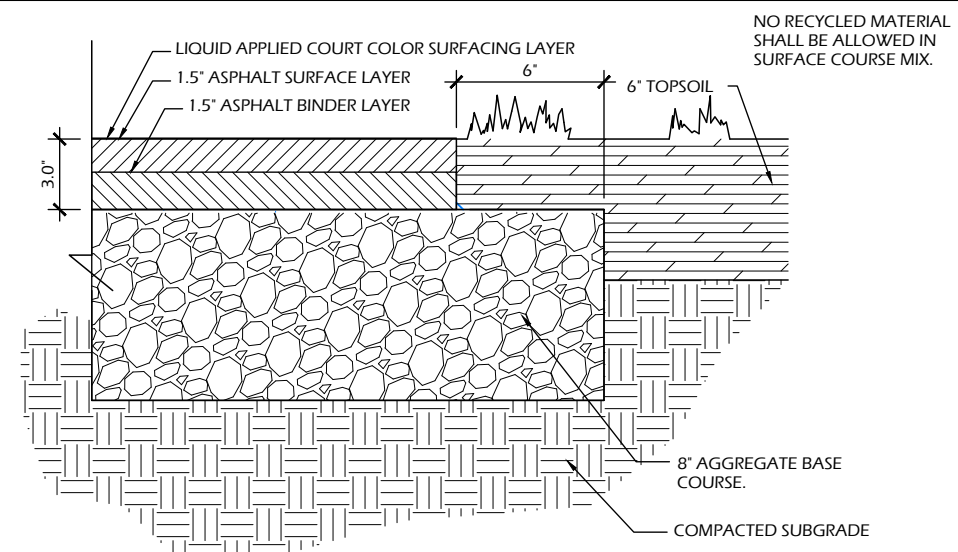


HARDWARE IS LOCATED INSIDE THE  
END OF TAKE UP POST AND INCLUDES  
(1) REMOVABLE CHROME HANDLE  
AND (4) EYEBOLTS.

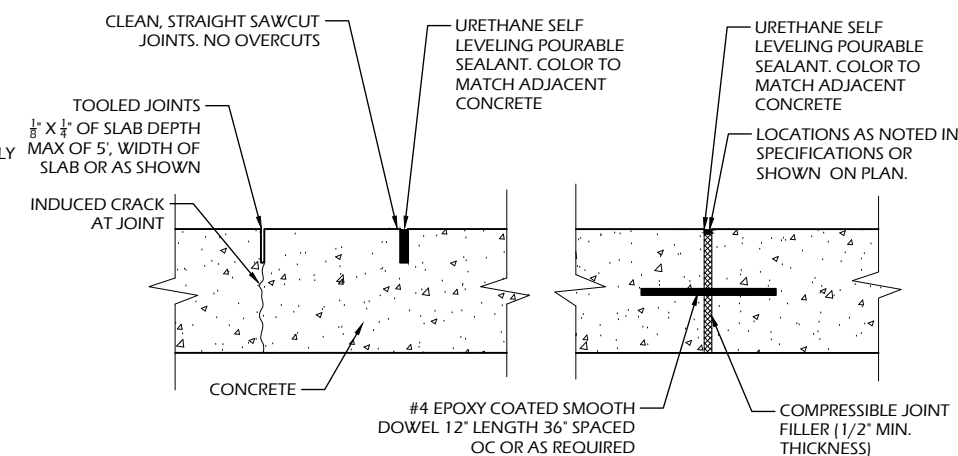
## 5 PICKLEBALL NET ASSEMBLY



**4 ASPHALT COURT EDGE**  
C902 SCALE: NTS



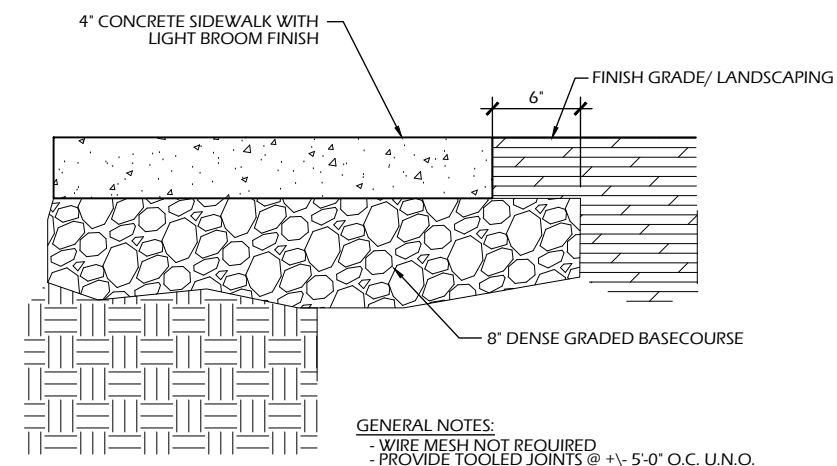
**3 ASPHALT PAVEMENT - COURTS**  
C902 SCALE: NTS



GENERAL NOTES:

- SAWCUT ALL JOINTS
- OVERCUTS SHALL NOT BE ACCEPTED
- PROVIDE JOINTS PER JOINTING PLAN
- DOWEL BETWEEN ALL SEPARATE POURS
- ALL JOINTS SHALL BE STRAIGHT AND CONTINUOUS

**2 CONCRETE JOINTS**  
C902 SCALE: NTS



GENERAL NOTES:

- WIRE MESH NOT REQUIRED
- PROVIDE TOOLED JOINTS @ +/- 5'-0" O.C. U.N.O.

**1 CONCRETE PAVEMENT**  
C902 SCALE: NTS



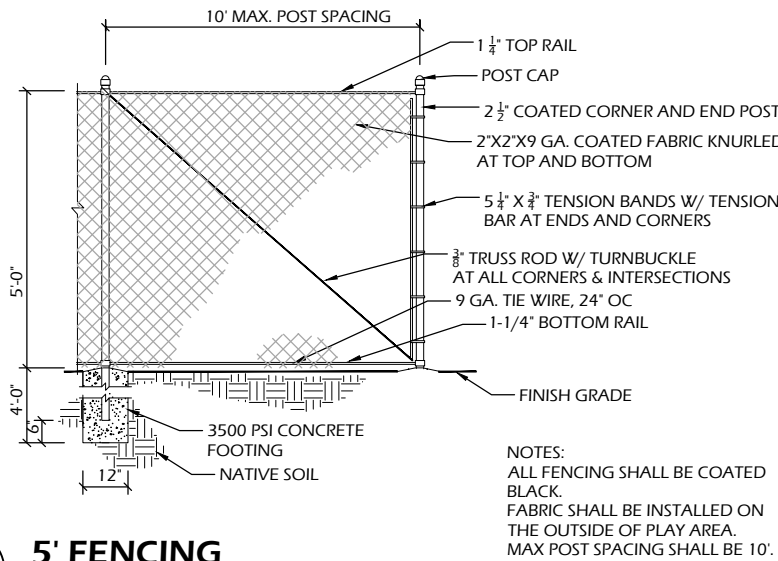
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4

C903

### 5' FENCING

SCALE: NTS

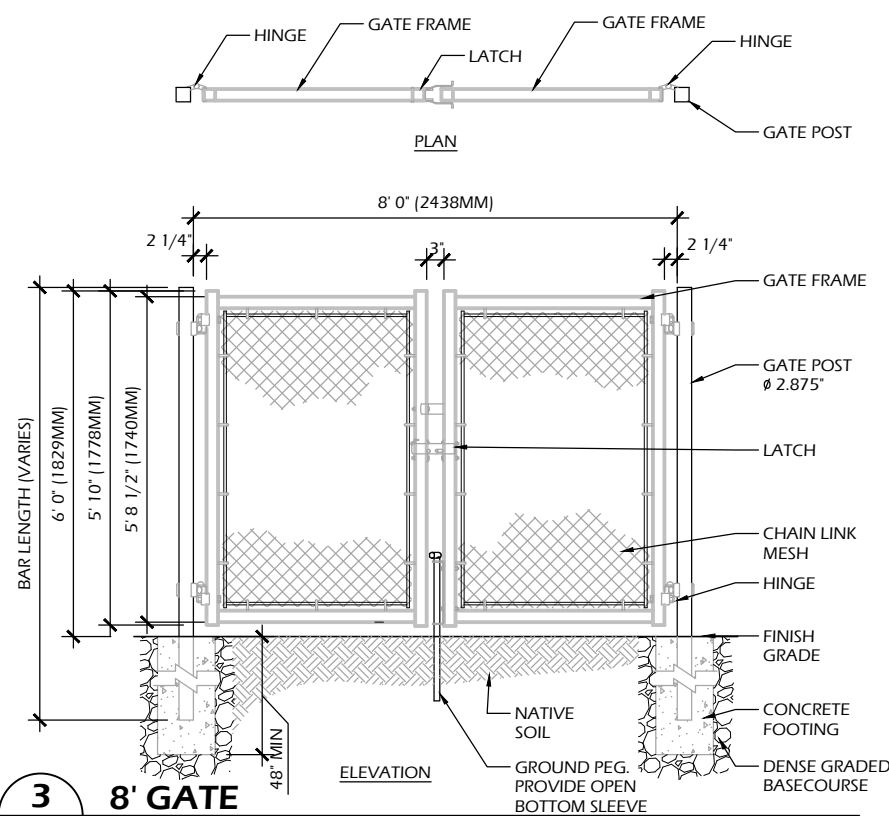


3

C903

### 8' GATE

SCALE: NTS

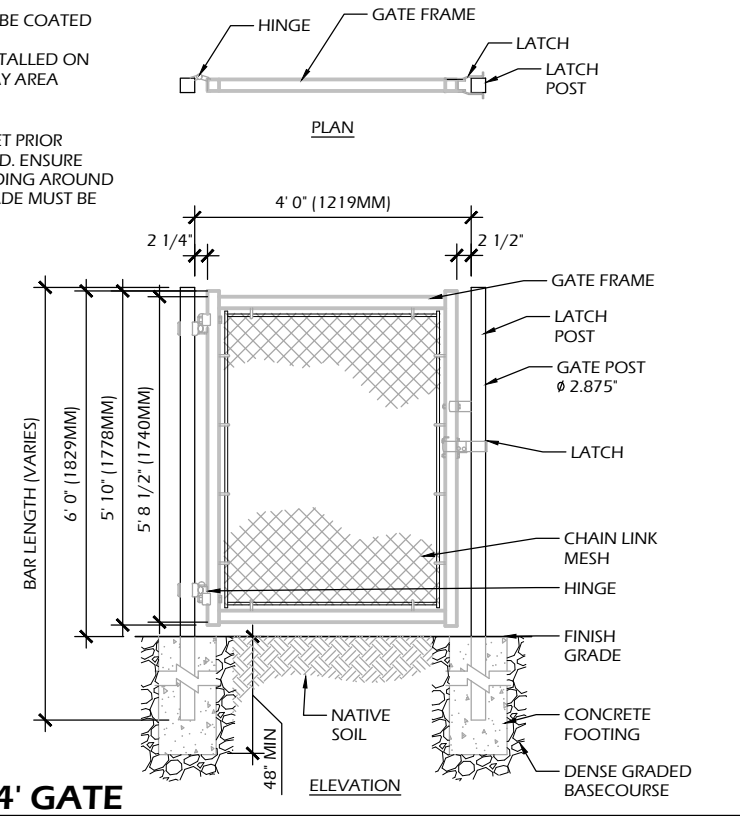


2

C903

### 4' GATE

SCALE: NTS

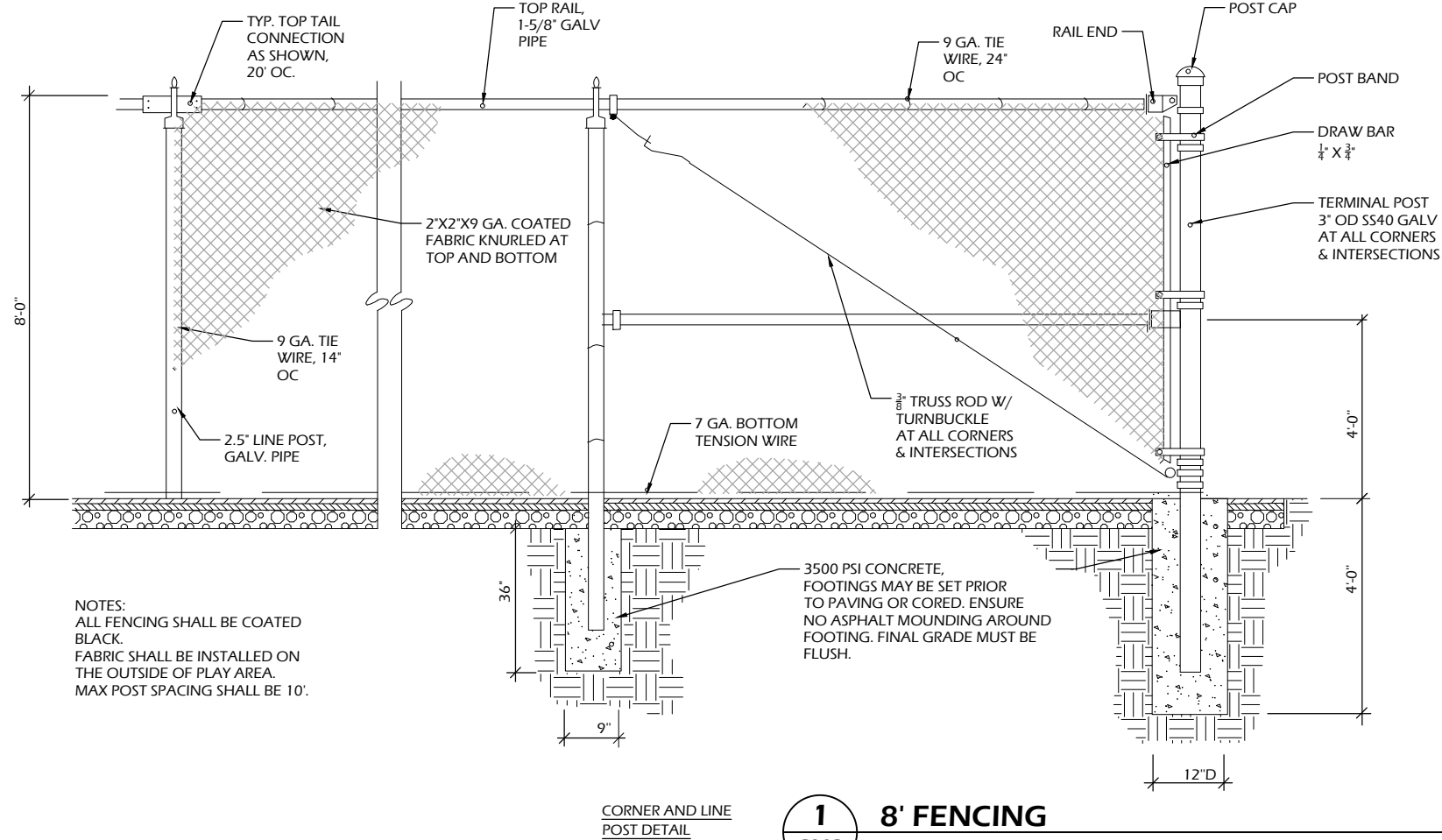


1

C903

### 8' FENCING

SCALE: NTS



PARKITECTURE  
+ PLANNING

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Madison, WI 53717  
608.886.6808

WILLIAM MCFARLAND PARK PHASE 1A: PICKLEBALL

4802 Marsh Road  
McFarland, WI 53558

Sheet Title:  
CONSTRUCTION DETAILS

Project Name:

Revisions:

Project #:  
Issued For:  
Date:

20.010  
Review  
1/06/2022

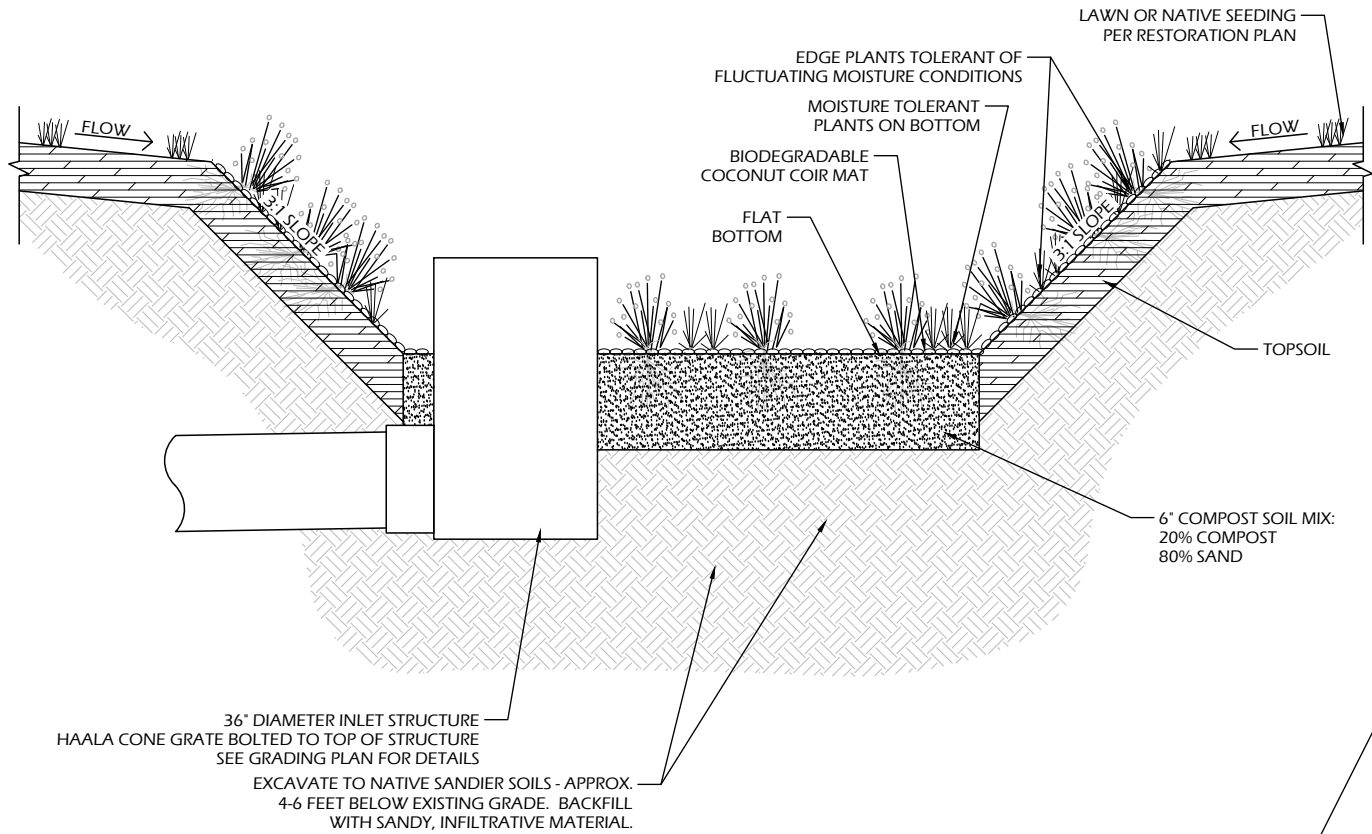
Sheet Number

C903

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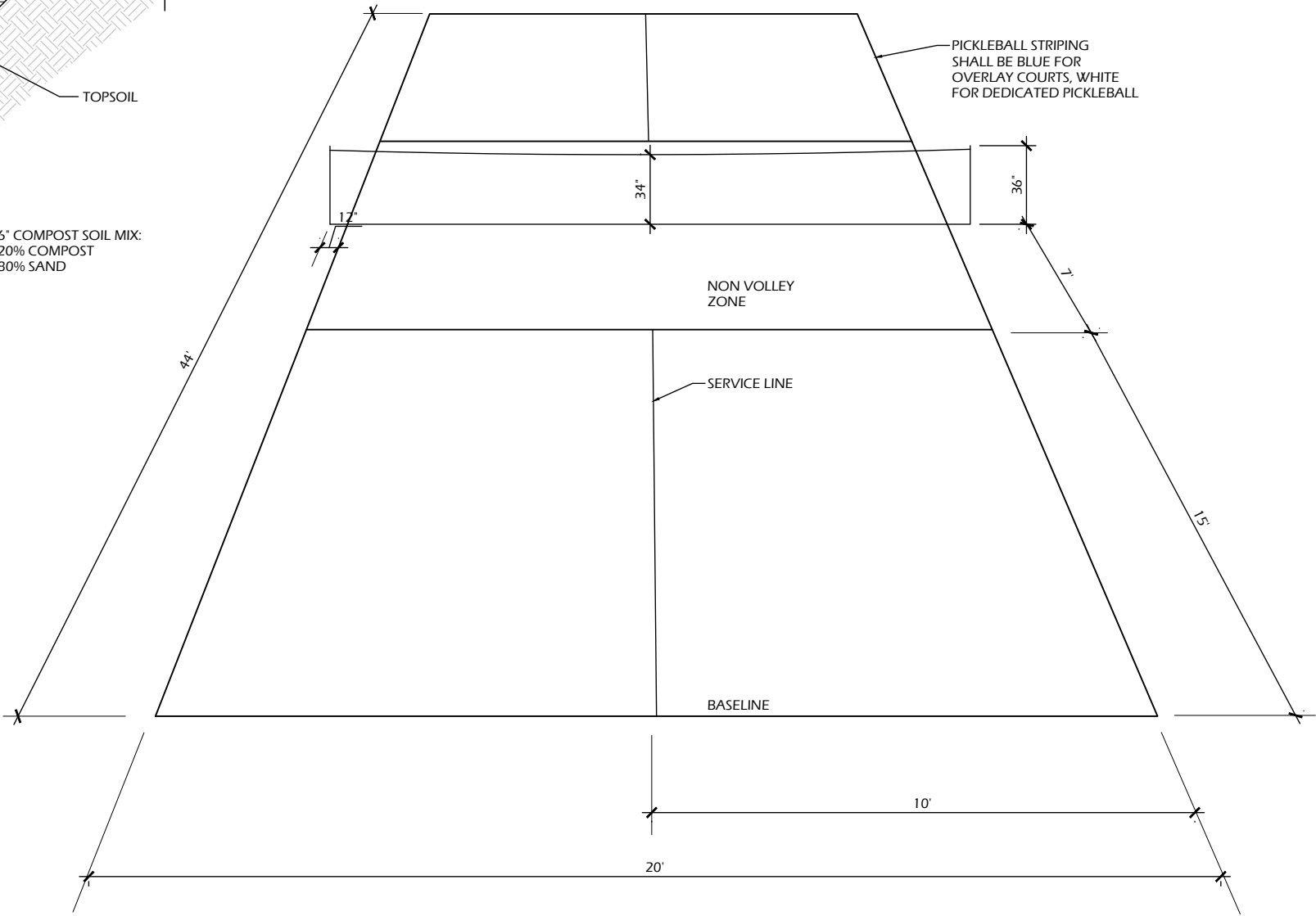
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INFILTRATION BASIN



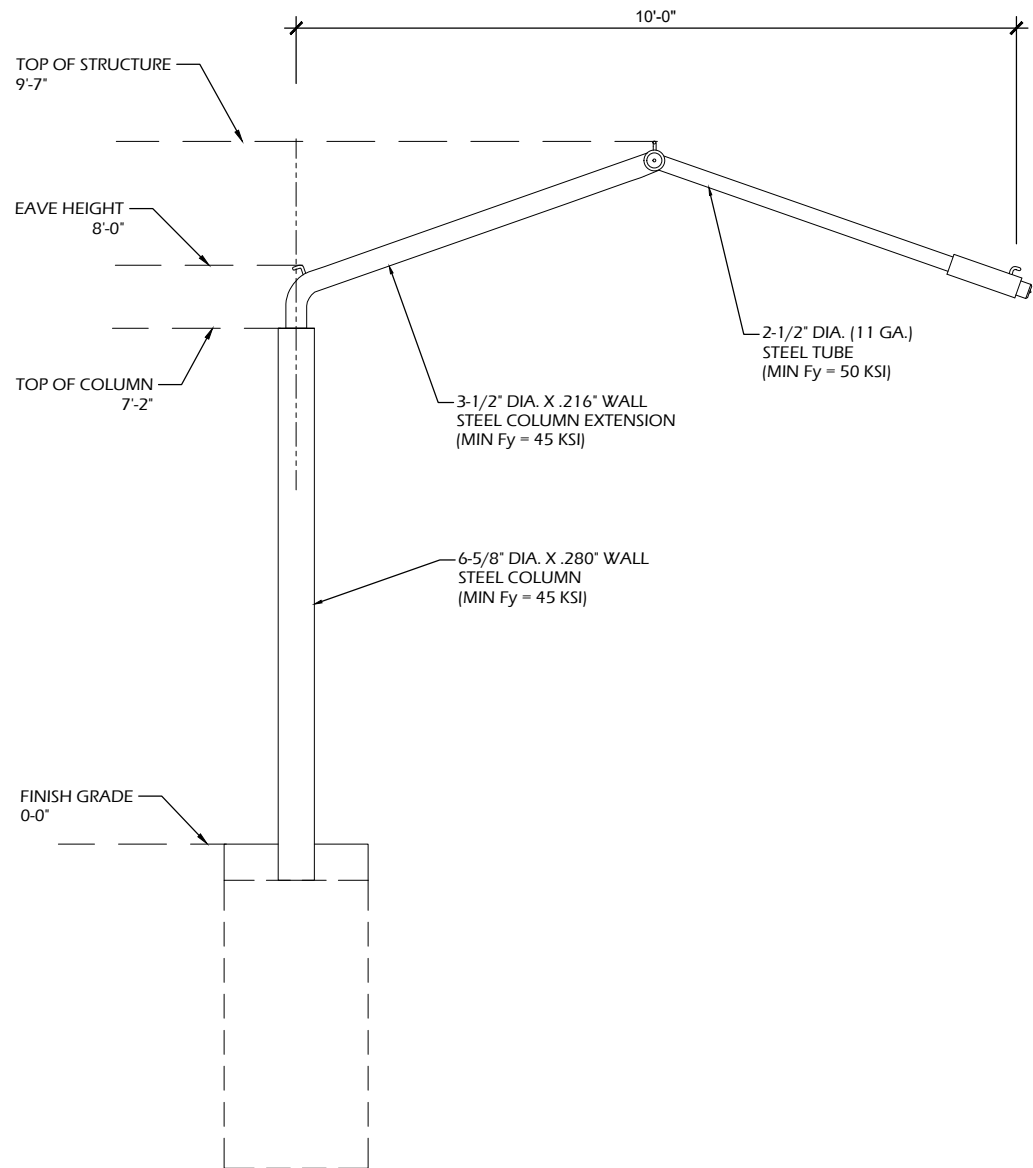
| INFILTRATION BASIN PARAMETERS |                 |
|-------------------------------|-----------------|
| TOP OF POND AREA              | 4,500 sf (MIN.) |
| PONDING DEPTH                 | 0.42'           |
| FLAT BOTTOM PLANTING AREA     | 950 sf          |
| COMPOST SOIL BOTTOM AREA      | 950 sf          |

- INFILTRATION BASIN NOTES:
- CONSTRUCT PER WDNR STORMWATER TECHNICAL STANDARD 1003: INFILTRATION BASIN.
  - INFILTRATION BASIN MUST BE CONSTRUCTED AFTER THE SITE HAS REACHED SUBSTANTIAL COMPLETION OR SHALL BE PROTECTED WITH SILT FENCE OR SILT SOCK SURROUNDING THE PERIMETER IF CONSTRUCTED PRIOR TO SUBSTANTIAL COMPLETION.
  - RESTORE WITH NATIVE PLANT PLUGS AT 12-IN ON CENTER AND NATIVE SEED MIX PER RESTORATION PLAN.
  - NO EQUIPMENT MAY BE DRIVEN OVER THE PROPOSED INFILTRATION AREA DURING GENERAL CONSTRUCTION OR CONSTRUCTION OF THE INFILTRATION FACILITY. INFILTRATION BASIN MUST BE HAND OR BACKHOE EXCAVATED AND LAID TO AVOID COMPACTION.
  - COMPACTION MITIGATION WILL BE REQUIRED AT THE CONTRACTOR'S EXPENSE IF AVOIDABLE COMPACTION OCCURS WITHIN STORMWATER MANAGEMENT AREAS (i.e. VEHICULAR TRAFFIC, EQUIPMENT TRAFFIC, STOCKPILES, ETC.).
  - THE CONTRACTOR IS REQUIRED TO PROVIDE QUALIFIED STAFF FOR INSPECTION, OBSERVATION, AND VERIFICATION OF THE CONSTRUCTION OF THE STORMWATER MANAGEMENT FEATURES IF REQUIRED BY LOCAL OR STATE ORDINANCES.



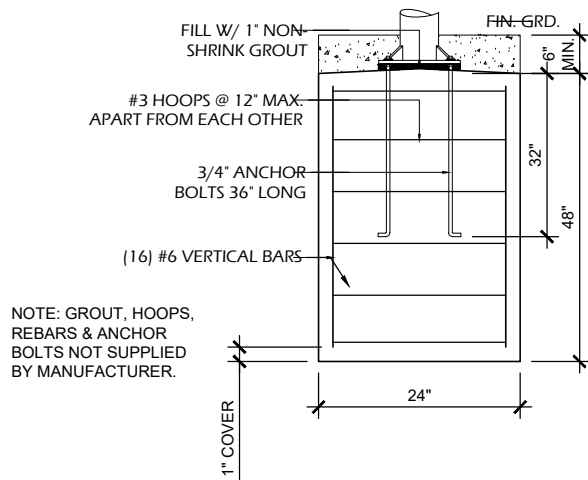
TOP PERSPECTIVE

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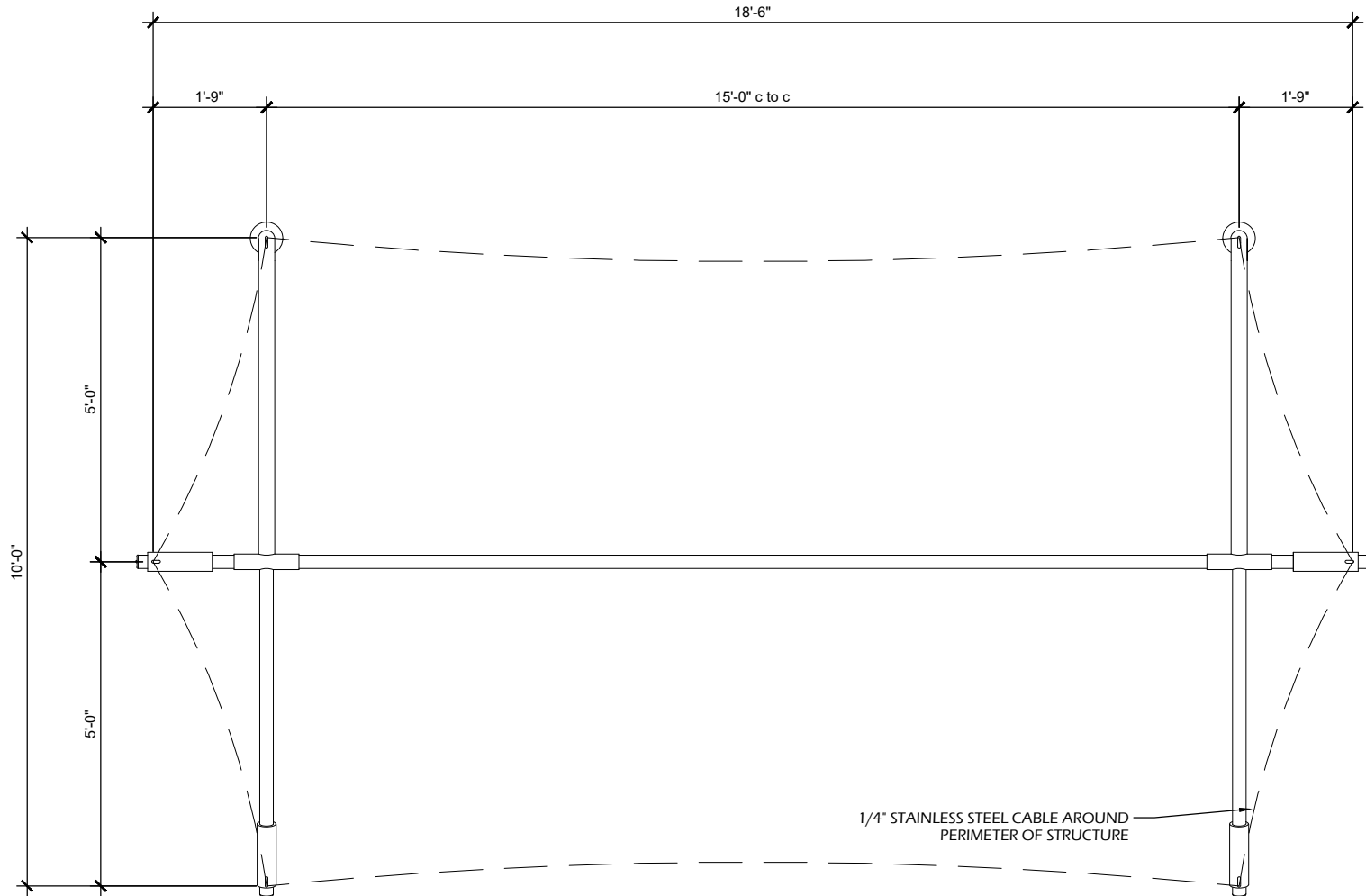
ELEVATION VIEW

NOTE: FOOTING DIMENSIONS SHOWN SHALL BE USED FOR BID ESTIMATING ONLY. CONTRACTOR SHALL SUBMIT ENGINEER SEALED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURES AND FOOTINGS. FINAL FOOTING DIMENSIONS WILL VARY.



NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY MANUFACTURER.

FOOTING DETAIL



PLAN VIEW

- NOTES:
1. 'SHADE SYSTEMS' MODEL SW101508 OR EQUAL.
  2. ALL FASTENERS SHALL BE STAINLESS STEEL.
  3. ASSEMBLE AND PLACE PER MANUFACTURER RECOMMENDATIONS.
  4. IF MANUFACTURER RECOMMENDATIONS DIFFER FROM THIS DETAIL, MANUFACTURER RECOMMENDATIONS SHALL PREVAIL.
  5. CONTRACTOR SHALL SUBMIT ENGINEER SEALED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURES AND FOOTINGS.

1  
C905

## SHADE STRUCTURE

SCALE: NTS



**VILLAGE OF  
McFarland  
SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Public Works

**CONTACT:** Jim Hessling, Public Works Director, Matt Schuenke, Village Administrator

**AGENDA ITEM:** Discussion and action regarding the award of Contract A for the 2022 Terminal Drive Reconstruction Project including supplemental bid for the 2022 Sidewalk Replacement Project.

**PREVIOUS ACTION:**

The Public Works Committee recommended approval of the design for the project and requested authorization to bid the project at its meeting on December 14, 2021.

The Public Utilities Committee recommended approval of the design for the project and requested authorization to bid the project at its meeting on December 21, 2021.

The Village Board approved the recommendation from Committee in order to approve the design and send the project to bidding at its meeting on January 10, 2022.

Bids were opened on February 17, 2022.

At their joint meeting on March 8, 2022, the Public Works and Public Utilities Committees recommended to award Contract A to Raymond P. Cattell, Inc. of Madison in the amount of \$1,337,433 for the base bid and supplemental bid approving the total project cost of \$1,553,148 including the railroad crossing, contingency, and engineering expenses. Furthermore, the optional supplemental bid for additional sidewalk replacement is rejected and the Village Engineer will solicit direct quotations for this work to be reviewed and approved by the Village Board upon recommendation of the Committee.

**ISSUE SUMMARY:**

The 2022 Terminal Drive Reconstruction Project involves changing the roadway from a rural section into an urban section and will include curb and gutter, a sidewalk (east side), a pedestrian path (west side) and a small amount of sanitary sewer replacement. This project also improves the north pedestrian crossing the railroad tracks on Siggelkow Road with a sidewalk connection to the Waubesa Village apartments. The Public Works and Utilities Committee(s) moved these projects forward for bidding late in 2021 with the Board sending them to bid earlier this year. There were three contracts bid as part of the same process and Contract A is for Terminal Drive. An addendum was issued to include a supplemental bid request for isolated spot repair to sidewalks within the Village. Town and Country received twenty-eight requested sets of plans, specifications and bidding documents from general contractors, subcontractors and



material suppliers. Of the twenty-eight, six contractors submitted bids. Town and Country Engineering has provided an analysis of the bids received included within the packet and recommends the award of contract to Raymond P. Cattell Inc of Madison for the base bid plus supplemental bids excluding the sidewalk work. The added sidewalk work bid through this process remains very expensive. Staff is recommending direct quotes for this maintenance work in 2022 in order to access better pricing. Additionally, the contractor is qualified in accordance with Village Ordinance. The Project will begin this Summer for completion in early Fall.

**FINANCIAL/BUDGET IMPACT:**

The total budget for this project is \$1,557,750 to be paid for through borrowed money within TID #3. The project costs are very close to that amount as follows:

|           |                             |
|-----------|-----------------------------|
| 1,258,563 | Construction                |
| 78,870    | Supplemental                |
| 100,307   | Contingency                 |
| 100,307   | Engineering                 |
| 15,100    | Siggelkow Railroad Crossing |
| <hr/>     |                             |
| 1,553,148 | Total Estimated Cost        |

Contingency and engineering percentages were held equally at 7.5% each for this project. This allowed for the project to fall within the budgeted amount of borrowing allocated for the project. If additional funds are needed for these two items beyond what was been allocated from the borrowing, TID #3 has adequate funds to address this issue.

**VILLAGE PLAN REFERENCE:**

[Long Range CIP 12.10.2021](#)

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

*Motion, second to award Contract A to Raymond P. Cattell, Inc. of Madison in the amount of \$1,337,433 for the base bid and supplemental bid approving the total project cost of \$1,553,148 including also the railroad crossing, contingency, and engineering expenses. Furthermore, the optional supplemental bid for additional sidewalk replacement is rejected and the Village Engineer will solicit direct quotations for this work to be reviewed and approved by the Village Board upon recommendation of the Committee.*

**ATTACHMENTS:**

1. Recommendation Ltr- Contract A
2. Bid Tabulation-Contract A-Terminal Drive MC189
3. MC 189- CONTRACT A TERMINAL DRIVE

February 23, 2022

Village of McFarland  
5915 Milwaukee Street, P.O. Box 110  
McFarland, WI 53558

Attention: Mr. Matthew Schuenke, Administrator

Subject: Analysis of Bids and Recommendation for Award of Contracts; 2022 Street and Utility Improvements – Contract A

Bid Deadline: February 17, 2022, at 10:00 local time

Ladies and Gentlemen:

The purpose of this letter is to analyze the bids received for Contract A of the 2022 Street and Utility Improvements project and to recommend award of a contract.

Contract A involves a rural conversion street reconstruction of Terminal Drive from Siggelkow Road to approximately 2,000 feet north of Siggelkow Road. The existing street is a rural cross section with no sidewalk or path. This project includes full street reconstruction with new curb and gutter, new storm sewer, new sidewalk, new 10-foot wide path, on-street bike lanes, spot sanitary sewer replacements, sanitary sewer lining, and water main adjustments.

The pre-bid estimate for the base bid was \$1,357,782.50. Twenty-eight general contractors, subcontractors, and material suppliers requested sets of the plans, specifications and bidding documents. Six contractors submitted bids.

A summary of Contract A bids is as follows:

| Contractor                 | Base Bid       | Alternate Bid Total | Supplemental Bid Total | Optional Supplemental Bid Total |
|----------------------------|----------------|---------------------|------------------------|---------------------------------|
| Raymond P. Cattell Inc.    | \$1,258,563.05 | \$0                 | \$78,870.00            | \$19,940.00                     |
| Wolf Paving & Excavating   | \$1,323,758.45 | \$0                 | \$84,035.00            | \$11,010.00                     |
| S & L Underground, Inc.    | \$1,385,764.50 | \$1.00              | \$93,444.00            | \$16,534.00                     |
| Parisi Construction , LLC. | \$1,437,870.95 | \$0                 | \$89,995.00            | \$17,527.50                     |
| E & N Hughes Co. Inc.      | \$1,511,093.24 | \$(100.00)          | \$119,952.50           | \$7,734.00                      |
| Fischer Excavating, Inc.   | \$2,511,664.90 | \$0.01              | \$118,550.00           | \$20,640.00                     |

All of the bids were properly submitted.

The alternate bid includes an item for add/deduct to the contract if the Contractor were to be simultaneously awarded Contracts A, B, and C. No Contractor submitted a bid for all three contracts, so no contractor is eligible for the award of the alternate bid.

The supplemental bid includes items for property corner replacement, excavation and disposal of bad subbase below subgrade, and breaker run replacement. We recommend award of the supplemental bid.



The optional supplemental bid includes items for isolated spot repairs to sidewalk in the Village. We do not recommend award of these items.

The low bidder, using any combination of bid awards, is Raymond P. Cattell, Inc. of Madison, Wisconsin, an experienced utility and street contractor that completed similar projects for the Village of McFarland in 2018 (Farwell Street reconstruction) and 2020 (Renee Court and stormwater improvements). The bid prices are in line with the original budget. We recommend that Raymond P. Cattell, Inc. be awarded Contract A for the base bid, plus the supplemental bid if the budgets allow, for a total of \$1,337,433.05.

This will be a unit price contract. That is, the contractors will be paid for the work actually performed on the basis on the unit prices bid. This means that the final line item costs could be either greater than or less than the bid totals. Also, unexpected conditions are sometimes encountered which result in increased project costs. Therefore, it would be wise to continue to carry the recommended 10% contingency.

If you have any questions with respect to our thoughts on this matter, I am available at your convenience to discuss them with you.

Very truly yours,  
TOWN & COUNTRY ENGINEERING, INC.



Tim Stieve, P.E.  
Project Engineer

TS:sai

J:\JOB#S\McFarland\MC-189-M4 2022 Street and Utility Improvements\Bidding\Recommendation Ltr.docx

**BID TABULATION**

Project: 2022 Street and Utility Improvements - Contact A- 2022 Terminal Drive Reconstruction  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                                       | DESCRIPTION OF WORK                                                    | QUANT. | BID UNITS | PRE-BID ESTIMATE |               | Raymond P. Cattell Inc. |              | Wolf Paving & Excavating |              | S & L Underground, Inc. |               |
|------------------------------------------------|------------------------------------------------------------------------|--------|-----------|------------------|---------------|-------------------------|--------------|--------------------------|--------------|-------------------------|---------------|
|                                                |                                                                        |        |           | UNIT PRICE       | AMOUNT        | UNIT PRICE              | AMOUNT       | UNIT PRICE               | AMOUNT       | UNIT PRICE              | AMOUNT        |
| CONTRACT A- 2022 TERMINAL DRIVE RECONSTRUCTION |                                                                        |        |           |                  |               |                         |              |                          |              |                         |               |
| Utility Work                                   |                                                                        |        |           |                  |               |                         |              |                          |              |                         |               |
| A1.                                            | 8" PVC SDR 26 Sanitary Sewer Removal and Replacement                   | 48     | lin. ft.  | \$ 85.00         | \$ 4,080.00   | \$ 294.00               | \$ 14,112.00 | \$ 165.00                | \$ 7,920.00  | \$ 315.00               | \$ 15,120.00  |
| A2.                                            | 8" Sanitary Sewer Preparatory Sewer Cleaning and Pre-Lining Televising | 793    | lin. ft.  | \$ 5.00          | \$ 3,965.00   | \$ 5.00                 | \$ 3,965.00  | \$ 5.00                  | \$ 3,965.00  | \$ 5.05                 | \$ 4,004.65   |
| A3.                                            | 8" Sanitary Sewer Lining and Post-Lining Televising                    | 793    | lin. ft.  | \$ 75.00         | \$ 59,475.00  | \$ 40.00                | \$ 31,720.00 | \$ 40.00                 | \$ 31,720.00 | \$ 40.40                | \$ 32,037.20  |
| A4.                                            | Temporary Sewer Bypassing                                              | 1      | lump sum  | \$ 5,000.00      | \$ 5,000.00   | \$ 350.00               | \$ 350.00    | \$ 350.00                | \$ 350.00    | \$ 2,062.00             | \$ 2,062.00   |
| A5.                                            | Sanitary Manhole Castings                                              | 5      | each      | \$ 800.00        | \$ 4,000.00   | \$ 750.00               | \$ 3,750.00  | \$ 815.00                | \$ 4,075.00  | \$ 1,593.00             | \$ 7,965.00   |
| A6.                                            | 6" PVC Sanitary Service Laterals (Horizontal)                          | 64     | lin. ft.  | \$ 85.00         | \$ 5,440.00   | \$ 105.00               | \$ 6,720.00  | \$ 86.00                 | \$ 5,504.00  | \$ 112.50               | \$ 7,200.00   |
| A7.                                            | 6" PVC Sanitary Service Laterals (Vertical)                            | 5      | vert. ft. | \$ 50.00         | \$ 250.00     | \$ 72.30                | \$ 361.50    | \$ 465.00                | \$ 2,325.00  | \$ 77.80                | \$ 389.00     |
| A8.                                            | Sanitary Lateral - Tracer Wire Systems                                 | 1      | each      | \$ 400.00        | \$ 400.00     | \$ 171.00               | \$ 171.00    | \$ 390.00                | \$ 390.00    | \$ 184.00               | \$ 184.00     |
| A9.                                            | 6" Ductile Iron CL52 Water Main or Hydrant Lead                        | 74     | lin. ft.  | \$ 120.00        | \$ 8,880.00   | \$ 109.00               | \$ 8,066.00  | \$ 92.50                 | \$ 6,845.00  | \$ 117.00               | \$ 8,658.00   |
| A10.                                           | 6" Gate Valve & Box                                                    | 3      | each      | \$ 2,200.00      | \$ 6,600.00   | \$ 3,059.00             | \$ 9,177.00  | \$ 1,950.00              | \$ 5,850.00  | \$ 3,289.00             | \$ 9,867.00   |
| A11.                                           | Replace Existing Water Main Valve                                      | 1      | lump sum  | \$ 9,500.00      | \$ 9,500.00   | \$ 11,603.00            | \$ 11,603.00 | \$ 7,260.00              | \$ 7,260.00  | \$ 12,483.00            | \$ 12,483.00  |
| A12.                                           | Hydrants                                                               | 3      | each      | \$ 5,200.00      | \$ 15,600.00  | \$ 5,840.00             | \$ 17,520.00 | \$ 5,150.00              | \$ 15,450.00 | \$ 6,282.00             | \$ 18,846.00  |
| A13.                                           | Replace Top Section of Water Valve Boxes                               | 12     | each      | \$ 800.00        | \$ 9,600.00   | \$ 400.00               | \$ 4,800.00  | \$ 315.00                | \$ 3,780.00  | \$ 628.00               | \$ 7,536.00   |
| A14.                                           | 12" RCP Apron Endwalls                                                 | 3      | each      | \$ 1,100.00      | \$ 3,300.00   | \$ 1,000.00             | \$ 3,000.00  | \$ 795.00                | \$ 2,385.00  | \$ 2,125.00             | \$ 6,375.00   |
| A15.                                           | Field Connection to Existing Storm Sewer                               | 5      | each      | \$ 500.00        | \$ 2,500.00   | \$ 900.00               | \$ 4,500.00  | \$ 950.00                | \$ 4,750.00  | \$ 918.00               | \$ 4,590.00   |
| A16.                                           | 24" RCP CL III Storm Sewer                                             | 113    | lin. ft.  | \$ 85.00         | \$ 9,605.00   | \$ 73.00                | \$ 8,249.00  | \$ 81.75                 | \$ 9,237.75  | \$ 104.10               | \$ 11,763.30  |
| A17.                                           | 18" RCP CL III Storm Sewer                                             | 372    | lin. ft.  | \$ 80.00         | \$ 29,760.00  | \$ 60.00                | \$ 22,320.00 | \$ 64.50                 | \$ 23,994.00 | \$ 90.90                | \$ 33,814.80  |
| A18.                                           | 12" RCP CL III Storm Sewer                                             | 1,599  | lin. ft.  | \$ 70.00         | \$ 111,930.00 | \$ 52.00                | \$ 83,148.00 | \$ 56.40                 | \$ 90,183.60 | \$ 81.20                | \$ 129,838.80 |
| A19.                                           | Precast Rectangular Inlets                                             | 25     | each      | \$ 2,300.00      | \$ 57,500.00  | \$ 2,250.00             | \$ 56,250.00 | \$ 2,095.00              | \$ 52,375.00 | \$ 2,685.00             | \$ 67,125.00  |
| A20.                                           | 72" Storm Manholes                                                     | 1      | each      | \$ 5,500.00      | \$ 5,500.00   | \$ 6,500.00             | \$ 6,500.00  | \$ 6,625.00              | \$ 6,625.00  | \$ 12,070.00            | \$ 12,070.00  |
| A21.                                           | 48" Storm Manholes                                                     | 8      | each      | \$ 4,000.00      | \$ 32,000.00  | \$ 4,500.00             | \$ 36,000.00 | \$ 2,655.00              | \$ 21,240.00 | \$ 3,545.00             | \$ 28,360.00  |
| A22.                                           | 60" Storm Catch Basin Manholes                                         | 5      | each      | \$ 5,000.00      | \$ 25,000.00  | \$ 5,500.00             | \$ 27,500.00 | \$ 4,595.00              | \$ 22,975.00 | \$ 3,818.00             | \$ 19,090.00  |
| A23.                                           | New Storm Inlet Constructed on Pipe                                    | 4      | each      | \$ 800.00        | \$ 3,200.00   | \$ 2,250.00             | \$ 9,000.00  | \$ 2,595.00              | \$ 10,380.00 | \$ 3,658.00             | \$ 14,632.00  |

**BID TABULATION**

Project: 2022 Street and Utility Improvements - Contact A- 2022 Terminal Drive Reconstruction  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                        | DESCRIPTION OF WORK                                             | BID QUANT. | UNITS           | PRE-BID ESTIMATE UNIT PRICE | AMOUNT          | Raymond P. Cattell Inc. UNIT PRICE | AMOUNT          | Wolf Paving & Excavating UNIT PRICE | AMOUNT          | S & L Underground, Inc. UNIT PRICE | AMOUNT          |
|---------------------------------|-----------------------------------------------------------------|------------|-----------------|-----------------------------|-----------------|------------------------------------|-----------------|-------------------------------------|-----------------|------------------------------------|-----------------|
| <b>Street Work</b>              |                                                                 |            |                 |                             |                 |                                    |                 |                                     |                 |                                    |                 |
| A24.                            | Excavation/Fill to Plan Subgrade                                | 1          | lump sum        | \$ 175,000.00               | \$ 175,000.00   | \$ 245,000.00                      | \$ 245,000.00   | \$ 295,000.00                       | \$ 295,000.00   | \$ 221,423.00                      | \$ 221,423.00   |
| A25.                            | Truncated Dome Panels                                           | 94         | sq. ft.         | \$ 45.00                    | \$ 4,230.00     | \$ 35.00                           | \$ 3,290.00     | \$ 40.00                            | \$ 3,760.00     | \$ 52.53                           | \$ 4,937.82     |
| A26.                            | 7" Thick Concrete Sidewalk and Aprons                           | 4,085      | sq. ft.         | \$ 5.80                     | \$ 23,693.00    | \$ 6.40                            | \$ 26,144.00    | \$ 6.55                             | \$ 26,756.75    | \$ 7.07                            | \$ 28,880.95    |
| A27.                            | 5" Thick Concrete Sidewalk                                      | 10,660     | sq. ft.         | \$ 4.50                     | \$ 47,970.00    | \$ 4.50                            | \$ 47,970.00    | \$ 4.10                             | \$ 43,706.00    | \$ 5.30                            | \$ 56,498.00    |
| A28.                            | Concrete Medians                                                | 345        | sq. ft.         | \$ 12.00                    | \$ 4,140.00     | \$ 12.00                           | \$ 4,140.00     | \$ 13.50                            | \$ 4,657.50     | \$ 5.30                            | \$ 1,828.50     |
| A29.                            | New 30" Concrete Curb & Gutter                                  | 3,992      | lin. ft.        | \$ 14.50                    | \$ 57,884.00    | \$ 15.50                           | \$ 61,876.00    | \$ 23.00                            | \$ 91,816.00    | \$ 14.80                           | \$ 59,081.60    |
| A30.                            | 2" Hot Mix Asphalt Surface Course, Type 5 LT                    | 941        | ton             | \$ 74.00                    | \$ 69,634.00    | \$ 71.50                           | \$ 67,281.50    | \$ 78.00                            | \$ 73,398.00    | \$ 72.22                           | \$ 67,959.02    |
| A31.                            | 3" Hot Mix Asphalt Lower Course, Type 4 LT                      | 1,411      | ton             | \$ 71.00                    | \$ 100,181.00   | \$ 68.25                           | \$ 96,300.75    | \$ 69.80                            | \$ 98,487.80    | \$ 68.94                           | \$ 97,274.34    |
| A32.                            | 3" Hot-Mix Asphalt Path (10' Wide)                              | 2,179      | sq. yd.         | \$ 18.50                    | \$ 40,311.50    | \$ 14.20                           | \$ 30,941.80    | \$ 15.00                            | \$ 32,685.00    | \$ 14.34                           | \$ 31,246.86    |
| A33.                            | 2" Hot-Mix Asphalt Paving and Driveways                         | 695        | sq. yd.         | \$ 17.50                    | \$ 12,162.50    | \$ 20.00                           | \$ 13,900.00    | \$ 15.10                            | \$ 10,494.50    | \$ 12.12                           | \$ 8,423.40     |
| A34.                            | Carlson Asphalt Curb                                            | 75         | lin. ft.        | \$ 1.00                     | \$ 75.00        | \$ 13.00                           | \$ 975.00       | \$ 1.50                             | \$ 112.50       | \$ 13.13                           | \$ 984.75       |
| A35.                            | 0.75" Crushed Aggregate Base Course                             | 5,975      | ton             | \$ 18.00                    | \$ 107,550.00   | \$ 14.00                           | \$ 83,650.00    | \$ 14.00                            | \$ 83,650.00    | \$ 16.70                           | \$ 99,782.50    |
| A36.                            | 3" Breaker Run                                                  | 6,372      | ton             | \$ 16.00                    | \$ 101,952.00   | \$ 13.00                           | \$ 82,836.00    | \$ 13.50                            | \$ 86,022.00    | \$ 14.40                           | \$ 91,756.80    |
| A37.                            | Clean & Tack                                                    | 7,435      | sq. yds.        | \$ 0.30                     | \$ 2,230.50     | \$ 0.35                            | \$ 2,602.25     | \$ 0.20                             | \$ 1,487.00     | \$ 0.35                            | \$ 2,602.25     |
| A38.                            | Modular Concrete Retaining Wall                                 | 959        | face square ft. | \$ 60.00                    | \$ 57,540.00    | \$ 38.85                           | \$ 37,257.15    | \$ 38.85                            | \$ 37,257.15    | \$ 45.45                           | \$ 43,586.55    |
| A39.                            | Remove, Salvage and Install Existing Chain Link Fence           | 213        | lin. ft.        | \$ 30.00                    | \$ 6,390.00     | \$ 28.10                           | \$ 5,985.30     | \$ 28.10                            | \$ 5,985.30     | \$ 14.00                           | \$ 2,982.00     |
| A40.                            | Permanent Signage                                               | 1          | lump sum        | \$ 2,500.00                 | \$ 2,500.00     | \$ 6,890.00                        | \$ 6,890.00     | \$ 6,890.00                         | \$ 6,890.00     | \$ 7,500.00                        | \$ 7,500.00     |
| A41.                            | Permanent Pavement Markings                                     | 1          | lump sum        | \$ 30,000.00                | \$ 30,000.00    | \$ 9,825.00                        | \$ 9,825.00     | \$ 9,825.00                         | \$ 9,825.00     | \$ 9,825.00                        | \$ 9,825.00     |
| A42.                            | Sawcutting Existing Concrete and Asphalt Pavements              | 550        | lin. ft.        | \$ 3.00                     | \$ 1,650.00     | \$ 2.00                            | \$ 1,100.00     | \$ 3.00                             | \$ 1,650.00     | \$ 1.50                            | \$ 825.00       |
| A43.                            | Topsoil Restoration, Seeding, Fertilizing & Mulching or Matting | 7,192      | sq. yds.        | \$ 6.00                     | \$ 43,152.00    | \$ 3.45                            | \$ 24,812.40    | \$ 4.35                             | \$ 31,285.20    | \$ 6.20                            | \$ 44,590.40    |
| A44.                            | Straw Erosion Mat                                               | 6,113      | sq. yds.        | \$ 4.00                     | \$ 24,452.00    | \$ 1.80                            | \$ 11,003.40    | \$ 1.80                             | \$ 11,003.40    | \$ 1.77                            | \$ 10,820.01    |
| A45.                            | Erosion Control                                                 | 1          | lump sum        | \$ 12,000.00                | \$ 12,000.00    | \$ 11,000.00                       | \$ 11,000.00    | \$ 6,550.00                         | \$ 6,550.00     | \$ 24,545.00                       | \$ 24,545.00    |
| A46.                            | Traffic Control                                                 | 1          | lump sum        | \$ 10,000.00                | \$ 10,000.00    | \$ 5,000.00                        | \$ 5,000.00     | \$ 11,700.00                        | \$ 11,700.00    | \$ 4,400.00                        | \$ 4,400.00     |
| A47.                            | Railroad Insurance Allowance                                    | 1          | lump sum        | \$ 10,000.00                | \$ 10,000.00    | \$ 10,000.00                       | \$ 10,000.00    | \$ 10,000.00                        | \$ 10,000.00    | \$ 10,000.00                       | \$ 10,000.00    |
|                                 | <b>TOTAL CONTRACT A</b>                                         |            |                 |                             | \$ 1,357,782.50 |                                    | \$ 1,258,563.05 |                                     | \$ 1,323,758.45 |                                    | \$ 1,385,764.50 |
| <b>CONTRACT A ALTERNATE BID</b> |                                                                 |            |                 |                             |                 |                                    |                 |                                     |                 |                                    |                 |
| AA1.                            | Add/Deduct for Simultaneous Award of Contracts A, B, and C      | 1          | lump sum        | \$ (20,000.00)              | \$ (20,000.00)  | \$ -                               | \$ -            | \$ -                                | \$ -            | \$ 1.00                            | \$ 1.00         |

**BID TABULATION**

Project: 2022 Street and Utility Improvements - Contact A- 2022 Terminal Drive Reconstruction  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                                                         | DESCRIPTION OF WORK                                                    | BID QUANT. | UNITS    | PRE-BID ESTIMATE |              | Raymond P. Cattell Inc. |              | Wolf Paving & Excavating |              | S & L Underground, Inc. |              |
|------------------------------------------------------------------|------------------------------------------------------------------------|------------|----------|------------------|--------------|-------------------------|--------------|--------------------------|--------------|-------------------------|--------------|
|                                                                  |                                                                        |            |          | UNIT PRICE       | AMOUNT       | UNIT PRICE              | AMOUNT       | UNIT PRICE               | AMOUNT       | UNIT PRICE              | AMOUNT       |
| <b>CONTRACT A SUPPLEMENTAL BID</b>                               |                                                                        |            |          |                  |              |                         |              |                          |              |                         |              |
| SA1.                                                             | Property Corner Replacement                                            | 1          | each     | \$ 350.00        | \$ 350.00    | \$ 750.00               | \$ 750.00    | \$ 900.00                | \$ 900.00    | \$ 500.00               | \$ 500.00    |
| SA2.                                                             | Excavation and Disposal of Bad Subbase Below Subgrade                  | 2,000      | cu. yds. | \$ 15.00         | \$ 30,000.00 | \$ 15.00                | \$ 30,000.00 | \$ 14.50                 | \$ 29,000.00 | \$ 17.60                | \$ 35,200.00 |
| SA3.                                                             | 3" Breaker Run Replacement of Excavation of Bad Subbase Below Subgrade | 4,010      | tons     | \$ 16.00         | \$ 64,160.00 | \$ 12.00                | \$ 48,120.00 | \$ 13.50                 | \$ 54,135.00 | \$ 14.40                | \$ 57,744.00 |
|                                                                  | <b>TOTAL CONTRACT A SUPPLEMENTAL BID</b>                               |            |          |                  | \$ 94,510.00 |                         | \$ 78,870.00 |                          | \$ 84,035.00 |                         | \$ 93,444.00 |
| <b>CONTRACT A OPTIONAL SUPPLEMENTAL SIDEWALK REPLACEMENT BID</b> |                                                                        |            |          |                  |              |                         |              |                          |              |                         |              |
| OSA1.                                                            | Remove and Replace 4" Thick Concrete Sidewalk and Aprons               | 700        | sq.ft.   | \$ 22.00         | \$ 15,400.00 | \$ 20.00                | \$ 14,000.00 | \$ 11.10                 | \$ 7,770.00  | \$ 16.60                | \$ 11,620.00 |
| OSA2.                                                            | Remove and Replace 6" Thick Concrete Sidewalk and Aprons               | 270        | sq.ft.   | \$ 22.00         | \$ 5,940.00  | \$ 22.00                | \$ 5,940.00  | \$ 12.00                 | \$ 3,240.00  | \$ 18.20                | \$ 4,914.00  |
|                                                                  | <b>TOTAL CONTRACT A SUPPLEMENTAL BID</b>                               |            |          |                  | \$ 21,340.00 |                         | \$ 19,940.00 |                          | \$ 11,010.00 |                         | \$ 16,534.00 |

**BID TABULATION**

Project: 2022 Street and Utility Improvements - Contact A- 2022 Terminal Drive Reconstruction  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                                              | DESCRIPTION OF WORK                                                    | BID QUANT. | UNITS     | Parisi Construction , LLC. UNIT PRICE | AMOUNT        | E & N Hughes Co. Inc. UNIT PRICE | AMOUNT        | Fischer Excavating, Inc. UNIT PRICE | AMOUNT        |  |  |
|-------------------------------------------------------|------------------------------------------------------------------------|------------|-----------|---------------------------------------|---------------|----------------------------------|---------------|-------------------------------------|---------------|--|--|
| <b>CONTRACT A- 2022 TERMINAL DRIVE RECONSTRUCTION</b> |                                                                        |            |           |                                       |               |                                  |               |                                     |               |  |  |
| <b>Utility Work</b>                                   |                                                                        |            |           |                                       |               |                                  |               |                                     |               |  |  |
| A1.                                                   | 8" PVC SDR 26 Sanitary Sewer Removal and Replacement                   | 48         | lin. ft.  | \$ 240.00                             | \$ 11,520.00  | \$ 286.00                        | \$ 13,728.00  | \$ 390.00                           | \$ 18,720.00  |  |  |
| A2.                                                   | 8" Sanitary Sewer Preparatory Sewer Cleaning and Pre-Lining Televising | 793        | lin. ft.  | \$ 5.30                               | \$ 4,202.90   | \$ 5.75                          | \$ 4,559.75   | \$ 5.00                             | \$ 3,965.00   |  |  |
| A3.                                                   | 8" Sanitary Sewer Lining and Post-Lining Televising                    | 793        | lin. ft.  | \$ 42.50                              | \$ 33,702.50  | \$ 45.20                         | \$ 35,843.60  | \$ 40.00                            | \$ 31,720.00  |  |  |
| A4.                                                   | Temporary Sewer Bypassing                                              | 1          | lump sum  | \$ 370.00                             | \$ 370.00     | \$ 403.00                        | \$ 403.00     | \$ 350.00                           | \$ 350.00     |  |  |
| A5.                                                   | Sanitary Manhole Castings                                              | 5          | each      | \$ 1,100.00                           | \$ 5,500.00   | \$ 1,040.00                      | \$ 5,200.00   | \$ 1,080.83                         | \$ 5,404.15   |  |  |
| A6.                                                   | 6" PVC Sanitary Service Laterals (Horizontal)                          | 64         | lin. ft.  | \$ 85.00                              | \$ 5,440.00   | \$ 108.00                        | \$ 6,912.00   | \$ 64.00                            | \$ 4,096.00   |  |  |
| A7.                                                   | 6" PVC Sanitary Service Laterals (Vertical)                            | 5          | vert. ft. | \$ 140.00                             | \$ 700.00     | \$ 85.00                         | \$ 425.00     | \$ 100.00                           | \$ 500.00     |  |  |
| A8.                                                   | Sanitary Lateral - Tracer Wire Systems                                 | 1          | each      | \$ 560.00                             | \$ 560.00     | \$ 406.00                        | \$ 406.00     | \$ 250.00                           | \$ 250.00     |  |  |
| A9.                                                   | 6" Ductile Iron CL52 Water Main or Hydrant Lead                        | 74         | lin. ft.  | \$ 130.00                             | \$ 9,620.00   | \$ 182.00                        | \$ 13,468.00  | \$ 180.00                           | \$ 13,320.00  |  |  |
| A10.                                                  | 6" Gate Valve & Box                                                    | 3          | each      | \$ 3,100.00                           | \$ 9,300.00   | \$ 1,803.00                      | \$ 5,409.00   | \$ 2,100.00                         | \$ 6,300.00   |  |  |
| A11.                                                  | Replace Existing Water Main Valve                                      | 1          | lump sum  | \$ 19,600.00                          | \$ 19,600.00  | \$ 8,757.00                      | \$ 8,757.00   | \$ 9,700.00                         | \$ 9,700.00   |  |  |
| A12.                                                  | Hydrants                                                               | 3          | each      | \$ 6,700.00                           | \$ 20,100.00  | \$ 6,124.00                      | \$ 18,372.00  | \$ 4,100.00                         | \$ 12,300.00  |  |  |
| A13.                                                  | Replace Top Section of Water Valve Boxes                               | 12         | each      | \$ 520.00                             | \$ 6,240.00   | \$ 323.00                        | \$ 3,876.00   | \$ 480.00                           | \$ 5,760.00   |  |  |
| A14.                                                  | 12" RCP Apron Endwalls                                                 | 3          | each      | \$ 2,300.00                           | \$ 6,900.00   | \$ 1,631.00                      | \$ 4,893.00   | \$ 1,200.00                         | \$ 3,600.00   |  |  |
| A15.                                                  | Field Connection to Existing Storm Sewer                               | 5          | each      | \$ 1,900.00                           | \$ 9,500.00   | \$ 1,794.00                      | \$ 8,970.00   | \$ 1,400.00                         | \$ 7,000.00   |  |  |
| A16.                                                  | 24" RCP CL III Storm Sewer                                             | 113        | lin. ft.  | \$ 110.00                             | \$ 12,430.00  | \$ 91.50                         | \$ 10,339.50  | \$ 107.00                           | \$ 12,091.00  |  |  |
| A17.                                                  | 18" RCP CL III Storm Sewer                                             | 372        | lin. ft.  | \$ 77.00                              | \$ 28,644.00  | \$ 68.18                         | \$ 25,362.96  | \$ 90.00                            | \$ 33,480.00  |  |  |
| A18.                                                  | 12" RCP CL III Storm Sewer                                             | 1,599      | lin. ft.  | \$ 70.00                              | \$ 111,930.00 | \$ 66.00                         | \$ 105,534.00 | \$ 77.00                            | \$ 123,123.00 |  |  |
| A19.                                                  | Precast Rectangular Inlets                                             | 25         | each      | \$ 3,100.00                           | \$ 77,500.00  | \$ 2,250.00                      | \$ 56,250.00  | \$ 3,000.00                         | \$ 75,000.00  |  |  |
| A20.                                                  | 72" Storm Manholes                                                     | 1          | each      | \$ 6,900.00                           | \$ 6,900.00   | \$ 5,634.00                      | \$ 5,634.00   | \$ 5,800.00                         | \$ 5,800.00   |  |  |
| A21.                                                  | 48" Storm Manholes                                                     | 8          | each      | \$ 3,500.00                           | \$ 28,000.00  | \$ 2,690.00                      | \$ 21,520.00  | \$ 3,100.00                         | \$ 24,800.00  |  |  |
| A22.                                                  | 60" Storm Catch Basin Manholes                                         | 5          | each      | \$ 4,500.00                           | \$ 22,500.00  | \$ 4,503.00                      | \$ 22,515.00  | \$ 3,850.00                         | \$ 19,250.00  |  |  |
| A23.                                                  | New Storm Inlet Constructed on Pipe                                    | 4          | each      | \$ 4,100.00                           | \$ 16,400.00  | \$ 1,977.00                      | \$ 7,908.00   | \$ 5,150.00                         | \$ 20,600.00  |  |  |

**BID TABULATION**

Project: 2022 Street and Utility Improvements - Contact A- 2022 Terminal Drive Reconstruction  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                        | DESCRIPTION OF WORK                                             | BID QUANT. | UNITS           | Parisi Construction , LLC. UNIT PRICE | AMOUNT          | E & N Hughes Co. Inc. UNIT PRICE | AMOUNT          | Fischer Excavating, Inc. UNIT PRICE | AMOUNT          |  |  |
|---------------------------------|-----------------------------------------------------------------|------------|-----------------|---------------------------------------|-----------------|----------------------------------|-----------------|-------------------------------------|-----------------|--|--|
| <b>Street Work</b>              |                                                                 |            |                 |                                       |                 |                                  |                 |                                     |                 |  |  |
| A24.                            | Excavation/Fill to Plan Subgrade                                | 1          | lump sum        | \$ 245,000.00                         | \$ 245,000.00   | \$ 259,865.00                    | \$ 259,865.00   | \$ 257,000.00                       | \$ 257,000.00   |  |  |
| A25.                            | Truncated Dome Panels                                           | 94         | sq. ft.         | \$ 49.00                              | \$ 4,606.00     | \$ 34.50                         | \$ 3,243.00     | \$ 30.00                            | \$ 2,820.00     |  |  |
| A26.                            | 7" Thick Concrete Sidewalk and Aprons                           | 4,085      | sq. ft.         | \$ 7.00                               | \$ 28,595.00    | \$ 6.55                          | \$ 26,756.75    | \$ 7.50                             | \$ 30,637.50    |  |  |
| A27.                            | 5" Thick Concrete Sidewalk                                      | 10,660     | sq. ft.         | \$ 5.00                               | \$ 53,300.00    | \$ 4.85                          | \$ 51,701.00    | \$ 6.00                             | \$ 63,960.00    |  |  |
| A28.                            | Concrete Medians                                                | 345        | sq. ft.         | \$ 13.00                              | \$ 4,485.00     | \$ 13.35                         | \$ 4,605.75     | \$ 13.50                            | \$ 4,657.50     |  |  |
| A29.                            | New 30" Concrete Curb & Gutter                                  | 3,992      | lin. ft.        | \$ 14.25                              | \$ 56,886.00    | \$ 18.30                         | \$ 73,053.60    | \$ 16.00                            | \$ 63,872.00    |  |  |
| A30.                            | 2" Hot Mix Asphalt Surface Course, Type 5 LT                    | 941        | ton             | \$ 76.00                              | \$ 71,516.00    | \$ 82.25                         | \$ 77,397.25    | \$ 72.00                            | \$ 67,752.00    |  |  |
| A31.                            | 3" Hot Mix Asphalt Lower Course, Type 4 LT                      | 1,411      | ton             | \$ 72.00                              | \$ 101,592.00   | \$ 78.50                         | \$ 110,763.50   | \$ 69.00                            | \$ 97,359.00    |  |  |
| A32.                            | 3" Hot-Mix Asphalt Path (10' Wide)                              | 2,179      | sq. yd.         | \$ 15.00                              | \$ 32,685.00    | \$ 16.35                         | \$ 35,626.65    | \$ 14.50                            | \$ 31,595.50    |  |  |
| A33.                            | 2" Hot-Mix Asphalt Paving and Driveways                         | 695        | sq. yd.         | \$ 14.00                              | \$ 9,730.00     | \$ 13.80                         | \$ 9,591.00     | \$ 12.00                            | \$ 8,340.00     |  |  |
| A34.                            | Carlson Asphalt Curb                                            | 75         | lin. ft.        | \$ 13.75                              | \$ 1,031.25     | \$ 14.95                         | \$ 1,121.25     | \$ 14.50                            | \$ 1,087.50     |  |  |
| A35.                            | 0.75" Crushed Aggregate Base Course                             | 5,975      | ton             | \$ 15.00                              | \$ 89,625.00    | \$ 20.25                         | \$ 120,993.75   | \$ 21.50                            | \$ 128,462.50   |  |  |
| A36.                            | 3" Breaker Run                                                  | 6,372      | ton             | \$ 13.75                              | \$ 87,615.00    | \$ 21.90                         | \$ 139,546.80   | \$ 20.00                            | \$ 127,440.00   |  |  |
| A37.                            | Clean & Tack                                                    | 7,435      | sq. yds.        | \$ 0.35                               | \$ 2,602.25     | \$ 0.40                          | \$ 2,974.00     | \$ 0.35                             | \$ 2,602.25     |  |  |
| A38.                            | Modular Concrete Retaining Wall                                 | 959        | face square ft. | \$ 51.00                              | \$ 48,909.00    | \$ 48.00                         | \$ 46,032.00    | \$ 56.00                            | \$ 53,704.00    |  |  |
| A39.                            | Remove, Salvage and Install Existing Chain Link Fence           | 213        | lin. ft.        | \$ 31.75                              | \$ 6,762.75     | \$ 33.35                         | \$ 7,103.55     | \$ 30.00                            | \$ 6,390.00     |  |  |
| A40.                            | Permanent Signage                                               | 1          | lump sum        | \$ 13,700.00                          | \$ 13,700.00    | \$ 7,923.50                      | \$ 7,923.50     | \$ 8,850.00                         | \$ 8,850.00     |  |  |
| A41.                            | Permanent Pavement Markings                                     | 1          | lump sum        | \$ 10,400.00                          | \$ 10,400.00    | \$ 11,299.00                     | \$ 11,299.00    | \$ 9,825.00                         | \$ 9,825.00     |  |  |
| A42.                            | Sawcutting Existing Concrete and Asphalt Pavements              | 550        | lin. ft.        | \$ 2.10                               | \$ 1,155.00     | \$ 2.20                          | \$ 1,210.00     | \$ 1,846.00                         | \$ 1,015,300.00 |  |  |
| A43.                            | Topsoil Restoration, Seeding, Fertilizing & Mulching or Matting | 7,192      | sq. yds.        | \$ 7.30                               | \$ 52,501.60    | \$ 10.50                         | \$ 75,516.00    | \$ 4.00                             | \$ 28,768.00    |  |  |
| A44.                            | Straw Erosion Mat                                               | 6,113      | sq. yds.        | \$ 1.90                               | \$ 11,614.70    | \$ 2.16                          | \$ 13,204.08    | \$ 1.00                             | \$ 6,113.00     |  |  |
| A45.                            | Erosion Control                                                 | 1          | lump sum        | \$ 11,000.00                          | \$ 11,000.00    | \$ 21,250.00                     | \$ 21,250.00    | \$ 34,500.00                        | \$ 34,500.00    |  |  |
| A46.                            | Traffic Control                                                 | 1          | lump sum        | \$ 35,000.00                          | \$ 35,000.00    | \$ 14,030.00                     | \$ 14,030.00    | \$ 13,500.00                        | \$ 13,500.00    |  |  |
| A47.                            | Railroad Insurance Allowance                                    | 1          | lump sum        | \$ 10,000.00                          | \$ 10,000.00    | \$ 10,000.00                     | \$ 10,000.00    | \$ 10,000.00                        | \$ 10,000.00    |  |  |
|                                 | <b>TOTAL CONTRACT A</b>                                         |            |                 |                                       | \$ 1,437,870.95 |                                  | \$ 1,511,093.24 |                                     | \$ 2,511,664.90 |  |  |
| <b>CONTRACT A ALTERNATE BID</b> |                                                                 |            |                 |                                       |                 |                                  |                 |                                     |                 |  |  |
| AA1.                            | Add/Deduct for Simultaneous Award of Contracts A, B, and C      | 1          | lump sum        | \$ -                                  | \$ -            | \$ (100.00)                      | \$ (100.00)     | \$ 0.01                             | \$ 0.01         |  |  |



**BID TABULATION**

Project: 2022 Street and Utility Improvements - Contact A- 2022 Terminal Drive Reconstruction  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                                                         | DESCRIPTION OF WORK                                                    | BID QUANT. | UNITS    | Parisi Construction , LLC. UNIT PRICE | AMOUNT       | E & N Hughes Co. Inc. UNIT PRICE | AMOUNT        | Fischer Excavating, Inc. UNIT PRICE | AMOUNT        |  |  |
|------------------------------------------------------------------|------------------------------------------------------------------------|------------|----------|---------------------------------------|--------------|----------------------------------|---------------|-------------------------------------|---------------|--|--|
| <b>CONTRACT A SUPPLEMENTAL BID</b>                               |                                                                        |            |          |                                       |              |                                  |               |                                     |               |  |  |
| SA1.                                                             | Property Corner Replacement                                            | 1          | each     | \$ 360.00                             | \$ 360.00    | \$ 750.00                        | \$ 750.00     | \$ 350.00                           | \$ 350.00     |  |  |
| SA2.                                                             | Excavation and Disposal of Bad Subbase Below Subgrade                  | 2,000      | cu. yds. | \$ 17.75                              | \$ 35,500.00 | \$ 19.00                         | \$ 38,000.00  | \$ 19.00                            | \$ 38,000.00  |  |  |
| SA3.                                                             | 3" Breaker Run Replacement of Excavation of Bad Subbase Below Subgrade | 4,010      | tons     | \$ 13.50                              | \$ 54,135.00 | \$ 20.25                         | \$ 81,202.50  | \$ 20.00                            | \$ 80,200.00  |  |  |
|                                                                  | <b>TOTAL CONTRACT A SUPPLEMENTAL BID</b>                               |            |          |                                       | \$ 89,995.00 |                                  | \$ 119,952.50 |                                     | \$ 118,550.00 |  |  |
| <b>CONTRACT A OPTIONAL SUPPLEMENTAL SIDEWALK REPLACEMENT BID</b> |                                                                        |            |          |                                       |              |                                  |               |                                     |               |  |  |
| OSA1.                                                            | Remove and Replace 4" Thick Concrete Sidewalk and Aprons               | 700        | sq.ft.   | \$ 18.00                              | \$ 12,600.00 | \$ 7.50                          | \$ 5,250.00   | \$ 21.00                            | \$ 14,700.00  |  |  |
| OSA2.                                                            | Remove and Replace 6" Thick Concrete Sidewalk and Aprons               | 270        | sq.ft.   | \$ 18.25                              | \$ 4,927.50  | \$ 9.20                          | \$ 2,484.00   | \$ 22.00                            | \$ 5,940.00   |  |  |
|                                                                  | <b>TOTAL CONTRACT A SUPPLEMENTAL BID</b>                               |            |          |                                       | \$ 17,527.50 |                                  | \$ 7,734.00   |                                     | \$ 20,640.00  |  |  |

# 2022 STREET AND UTILITY IMPROVEMENTS

Village of McFarland, Wisconsin

## CONTRACT A PLAN SET



NO SCALE



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS. STATUTE 182.0175 (1974)  
REQUIRES MIN. OF 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE.

### LEGEND

|                         |                                      |
|-------------------------|--------------------------------------|
| UNDERGROUND TELE.       | UT                                   |
| UNDERGROUND CATV.       | UCATV                                |
| UNDERGROUND ELEC.       | UE                                   |
| OVERHEAD                | OH                                   |
| EXISTING GAS            | G                                    |
| PROPERTY LINE           | WM                                   |
| EXISTING WATER MAIN     | WM                                   |
| EXISTING SANITARY SEWER | SAN                                  |
| EXISTING STORM SEWER    | STM                                  |
| EXISTING FENCE LINE     | X                                    |
| SAWCUT                  | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| NEW STORM SEWER         | =====                                |
| NEW WATER MAIN          | =====                                |
| NEW SANITARY SEWER      | =====                                |

|                 |                  |                |            |                                   |                 |                |             |
|-----------------|------------------|----------------|------------|-----------------------------------|-----------------|----------------|-------------|
| NEW ITEMS:      | WATER VALVE      | CURB STOP      | HYDRANT    | MANHOLE                           | CURB INLET      | ENDWALL        | GAS WARNING |
| EXISTING ITEMS: | FLAG POLE        | MAILBOX        | POWER POLE | LIGHT POLE                        | LAMP POST       | PULL BOX       |             |
|                 | WATER VALVE      | CURB STOP      | HYDRANT    | WELL                              | MONITORING WELL | TRACER WIRE    |             |
|                 | SANITARY MANHOLE | SANITARY VALVE | CLEANOUT   | STORM MANHOLE                     | CURB INLET      | CIRCULAR INLET |             |
|                 | SQUARE INLET     | ENDWALL        | STUMP      | DECID. TREE (RELATIVE SIZE SHOWN) | EVERGREEN       | SHRUB OR HEDGE | SIGN        |
|                 | CATV. PED.       | TELE. PED.     | ELEC. PED. | GAS VALVE                         | STREET SIGN     | IRON PIPE      | IRON ROD    |

NOTES: 1.) EXISTING FEATURES AND LABELS ARE SHOWN WITH SCREENED, LIGHTER LINES.  
2.) NEW CONCRETE IS SHOWN SHADED IN PLAN VIEWS  
3.) CONCRETE REMOVALS ARE SHOWN BY CROSS-HATCHING

| DATE | BY | REVISIONS | SHEET |
|------|----|-----------|-------|
|      |    |           |       |
|      |    |           |       |
|      |    |           |       |
|      |    |           |       |

|               |                      |
|---------------|----------------------|
| PROJECT NO.:  | MC 189               |
| DRAWING FILE: | TERMINAL DETAILS.DWG |
| DRAWN BY:     | J.R.K.               |
| CHECKED BY:   | T.J.S.               |
| REV. DATE:    | 2-3-22               |

| SHEET INDEX – GENERAL |                                                     |
|-----------------------|-----------------------------------------------------|
| SHEET NO.             | SHEET DESCRIPTION                                   |
| 1                     | INDEX                                               |
| 2                     | EROSION CONTROL PLAN AND GENERAL NOTES              |
| 3                     | EROSION CONTROL PLAN                                |
| 4                     | EROSION CONTROL – STANDARD CONSTRUCTION DETAILS     |
| 5                     | SANITARY SEWER – STANDARD CONSTRUCTION DETAILS      |
| 6                     | WATER MAIN – STANDARD CONSTRUCTION DETAILS          |
| 7                     | STORM SEWER – STANDARD CONSTRUCTION DETAILS         |
| 8                     | STREET IMPROVEMENTS – STANDARD CONSTRUCTION DETAILS |

| SHEET INDEX – CONTRACT A                    |                                                                |
|---------------------------------------------|----------------------------------------------------------------|
| SHEET NO.                                   | SHEET DESCRIPTION                                              |
| SANITARY SEWER, WATER MAIN, AND STORM SEWER |                                                                |
| A1                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 10+00 TO STATION 16+00 |
| A2                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 15+60 TO STATION 21+60 |
| A3                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 21+20 TO STATION 27+20 |
| A4                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 26+80 TO STATION 32+80 |
| CURB & GUTTER AND STREET CONSTRUCTION       |                                                                |
| A5                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 10+00 TO STATION 16+00 |
| A6                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 15+60 TO STATION 21+60 |
| A7                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 21+20 TO STATION 27+20 |
| A8                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 26+80 TO STATION 32+80 |
| A9                                          | PLAN – SIGGELKOW ROAD SIDEWALK                                 |
| A10                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 12+08 TO STATION 13+50 |
| A11                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 14+00 TO STATION 15+42 |
| A12                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 15+50 TO STATION 17+53 |
| A13                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 17+71 TO STATION 18+77 |
| A14                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 19+00 TO STATION 19+50 |
| A15                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 20+00 TO STATION 20+84 |
| A16                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 21+00 TO STATION 22+00 |
| A17                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 22+17 TO STATION 23+17 |
| A18                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 23+31 TO STATION 24+50 |
| A19                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 24+89 TO STATION 26+50 |
| A20                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 27+00 TO STATION 29+50 |
| A21                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 29+91 TO STATION 30+94 |

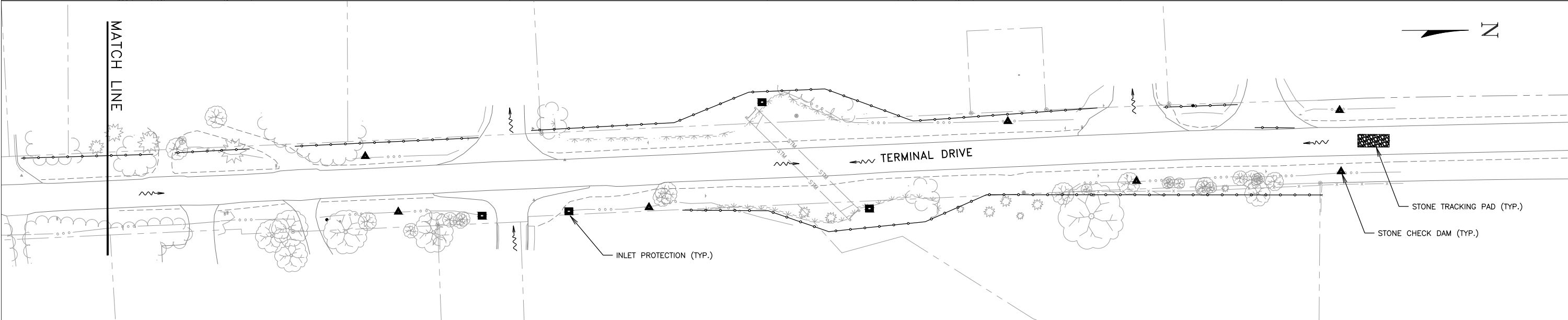
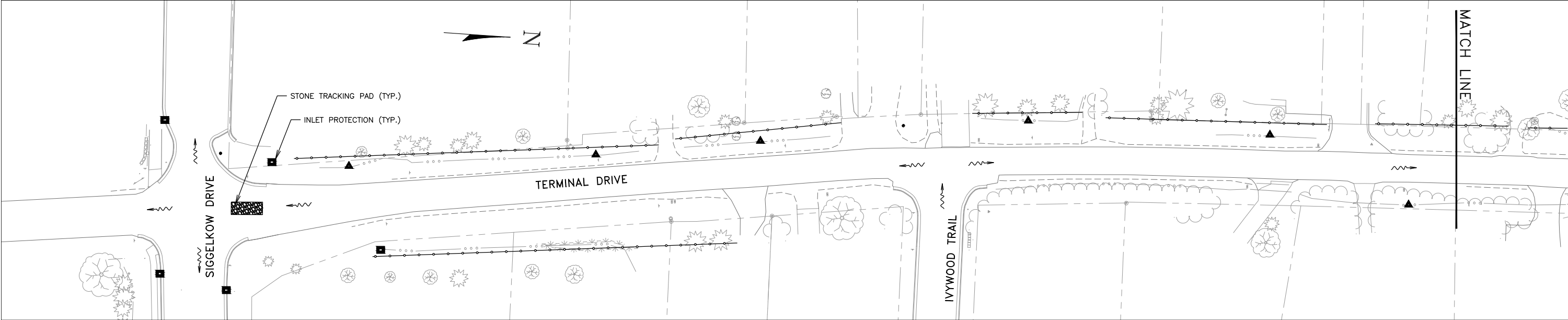
| SHEET INDEX – CONTRACT B |                                                                      |
|--------------------------|----------------------------------------------------------------------|
| SHEET NO.                | SHEET DESCRIPTION                                                    |
| B1                       | PLAN & PROFILE – HIDDEN FARM ROAD STATION 70+00 TO STATION 76+00     |
| B2                       | PLAN & PROFILE – HIDDEN FARM ROAD STATION 75+60 TO STATION 81+60     |
| B3                       | CROSS SECTIONS – HIDDEN FARM ROAD STATION 71+64 TO STATION 75+50     |
| B4                       | CROSS SECTIONS – HIDDEN FARM ROAD STATION 76+00 TO STATION 78+00     |
| B5                       | PLAN & PROFILE – BREMER ROAD STATION 50+00 TO STATION 55+40          |
| B6                       | PLAN & PROFILE – LARSON BEACH ROAD STATION 54+20 TO STATION 60+20    |
| B7                       | PLAN & PROFILE– CARD AVENUE STATION 100+00 TO STATION 103+00         |
| B8                       | PLAN & PROFILE– CARD AVENUE STATION 102+80 TO STATION 105+80         |
| B9                       | PLAN & PROFILE– CARD AVENUE STATION 105+60 TO STATION 107+80         |
| B10                      | PLAN & PROFILE– BELLEVUE COURT STATION 107+60 TO STATION 110+40      |
| B11                      | PLAN – CARD AVENUE STATION 100+00 TO STATION 105+80                  |
| B12                      | PLAN – CARD AVENUE & BELLEVUE COURT STATION 105+60 TO STATION 110+40 |
| B13                      | PLAN – STORCK ROAD STATION 500+00 TO STATION 525+00                  |

| SHEET INDEX – CONTRACT C |                                      |
|--------------------------|--------------------------------------|
| SHEET NO.                | SHEET DESCRIPTION                    |
| STORM SEWER IMPROVEMENTS |                                      |
| C1                       | PLAN – TERMINAL DRIVE & OSBORN DRIVE |

INDEX

2022 STREET AND UTILITY IMPROVEMENTS  
Village of McFarland, Wisconsin

|               |                      |
|---------------|----------------------|
| PROJECT NO.:  | MC 189               |
| DRAWING FILE: | TERMINAL DETAILS.DWG |
| DRAWN BY:     | J.R.K.               |
| CHECKED BY:   | T.J.S.               |
| DATE:         | 2-3-22               |
| REVISIONS:    |                      |
| SCALE:        | N.T.S.               |
| SHEET:        | 1                    |



EROSION CONTROL NOTES:

- LOCATIONS MARKED WITH "■" TO RECEIVE INLET FILTER PROTECTION DURING CONSTRUCTION. ALL NEW STREET INLETS MUST ALSO RECEIVE INLET FILTER PROTECTION.
- CONSTRUCT A STONE CHECK DAM IN GUTTER LINE AT ALL LOCATIONS MARKED WITH "▲"
- SURFACE FLOW DIRECTION IS INDICATED WITH
- SILT FENCE INSTALLATION IS INDICATED WITH
- POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
- KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
- SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
- REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT [http://dnr.wi.gov/topic/stormwater/standards/const\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/const_standards.html).
- INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
- INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.

- STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
- NOTIFY THE OWNER IF DEWATERING IS SCHEDULED TO OCCUR IN AREAS OF SOIL AND/OR GROUNDWATER CONTAMINATION, OR IF DEWATERING WILL OCCUR FROM A HIGH CAPACITY WELL (70 GPM OR MORE). DEWATER ONLY AFTER THE APPROPRIATE WDNR DEWATERING DISCHARGE PERMIT HAS BEEN OBTAINED.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. LIMIT PUMPING RATES TO EITHER (A) THE SEDIMENT BASIN/TRAP DESIGN DISCHARGE RATE, OR (B) THE BASIN DESIGN RELEASE RATE WITH THE CORRECTLY-FITTED HOSE AND GEOTEXTILE FILTER BAG. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061.
- INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
- REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
- INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071.
- IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
- SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE OWNER. SEPARATE SWEEPED MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068.

- PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
- COORDINATE WITH THE OWNER TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
- FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I, II OR III TYPE A EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
- FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS I, II, OR III TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
- MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
- INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.), OR AS DIRECTED BY THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT: <http://dnr.wi.gov/botw/>

6264 Nesbitt Road  
Madison, WI 53719  
(608) 273-3350  
[www.townandcountryengineers.net](http://www.townandcountryengineers.net)

tc

TOWN & COUNTRY  
ENGINEERING, INC.

EROSION CONTROL PLAN  
AND GENERAL NOTES

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.:  
MC 189

DRAWING FILE:  
TERMINAL.DWG

DRAWN BY:  
J.R.K.

CHECKED BY:  
T.J.S.

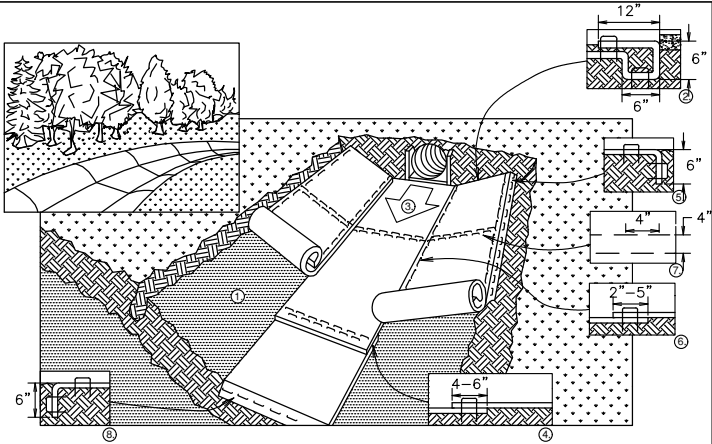
DATE:  
2-3-22

REVISIONS:

SCALE:

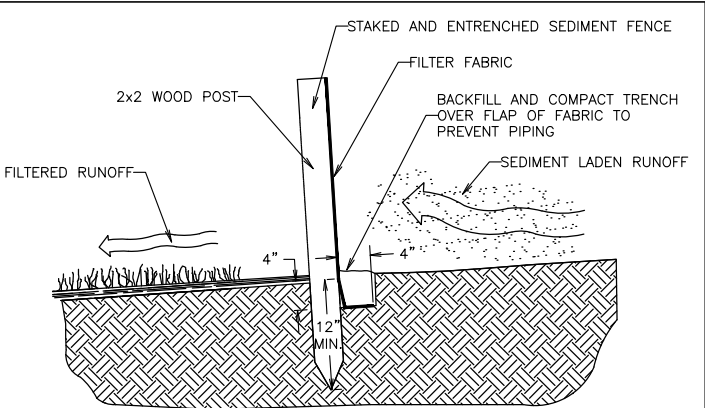
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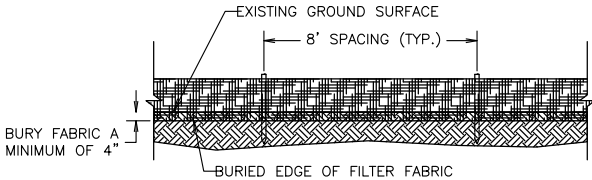


1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
  2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET
  3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
  4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
  5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
  6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 4" AND STAPLED.
  7. A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
  8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

DETAIL  
EROSION CONTROL MAT - CHANNEL INSTALLATION

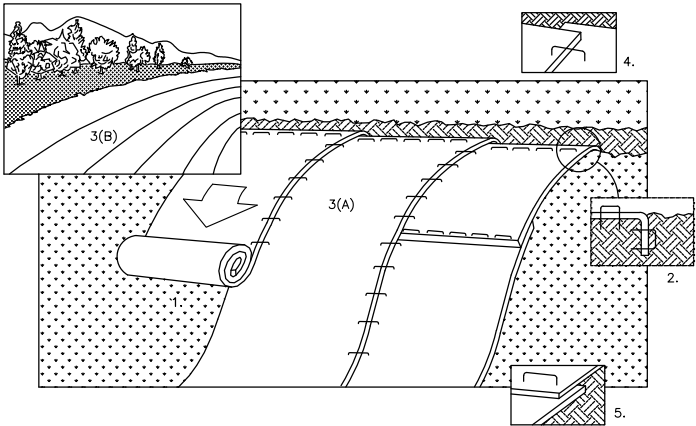


CROSS-SECTION OF A PROPERLY INSTALLED SEDIMENT FENCE



SEDIMENT FENCE DETAIL

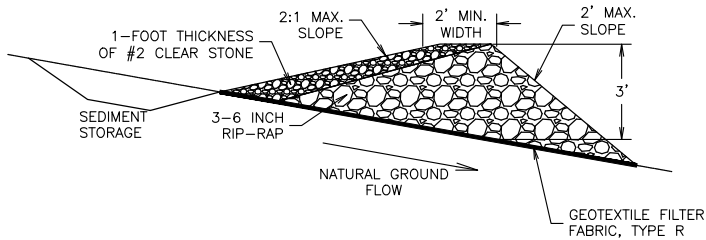
DETAIL  
SEDIMENT FENCE



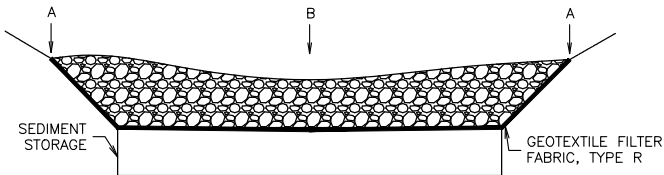
NOTE:  
REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT  
STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

DETAIL  
EROSION CONTROL MAT - SLOPE INSTALLATION

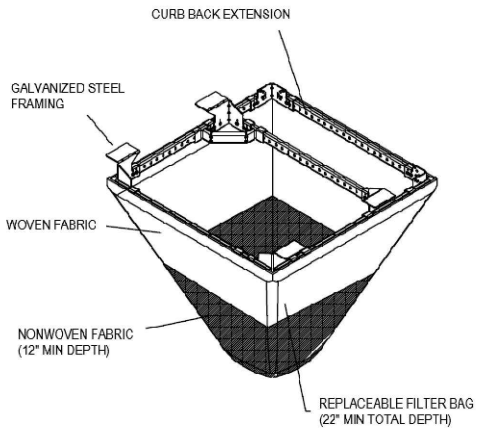


SECTION VIEW



FRONT VIEW

DETAIL  
STONE CHECK DAM

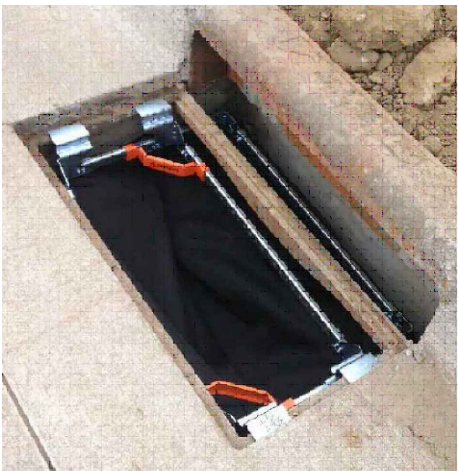


GENERAL NOTES:

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

FRAMED INLET PROTECTION SHALL BE COMPLIANT WITH ALL ASTM STANDARD D8057-17 REQUIREMENTS, INCLUDING:  
A. BYPASS OVERFLOW THAT MEETS OR EXCEEDS INLET DESIGN FLOW  
B. FRAME AND BAG STRONG ENOUGH TO HANDLE FULL SEDIMENT LOAD.

DETAIL  
INLET PROTECTION - FRAMED (W/ CURB BOX)



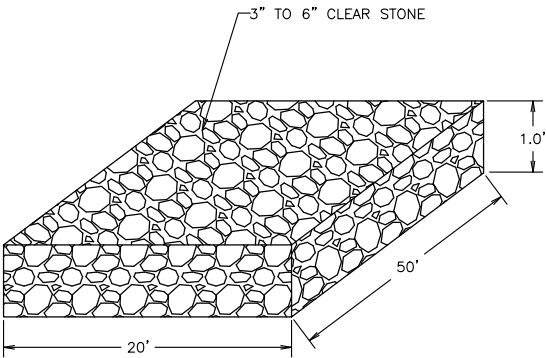
INSTALLATION NOTES:

NO PART OF INLET PROTECTION SHALL BE PROJECTING ABOVE THE GRATE.

FOR COMBINATION INLETS, PROTECTION SHALL CAPTURE RUNOFF ENTERING BOTH GRATE AND CURB OPENING.

A DUAL FABRIC FILTER BAG, WITH NON-WOVEN BOTTOM AND WOVEN TOP SHALL BE USED.

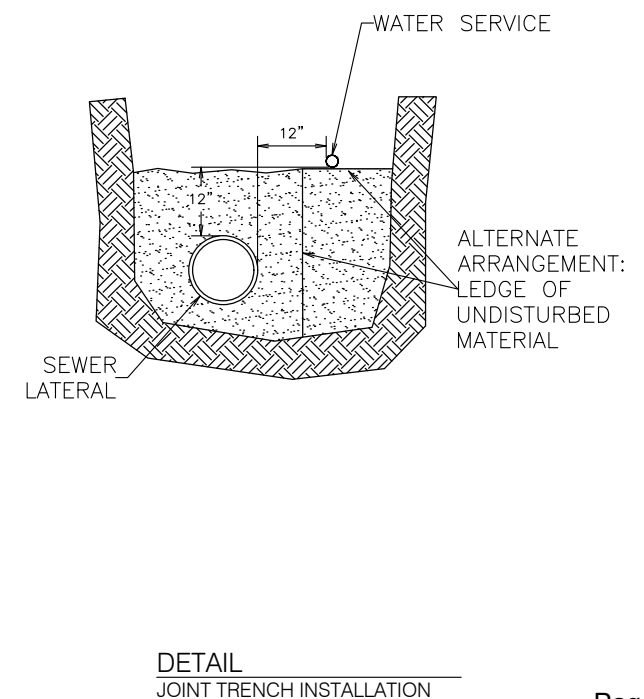
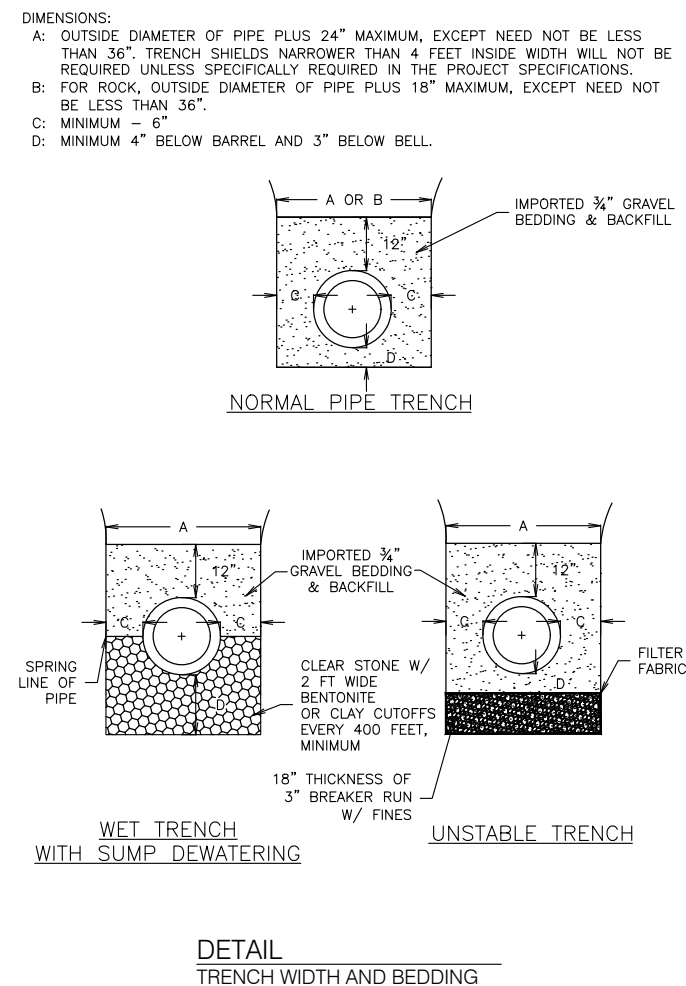
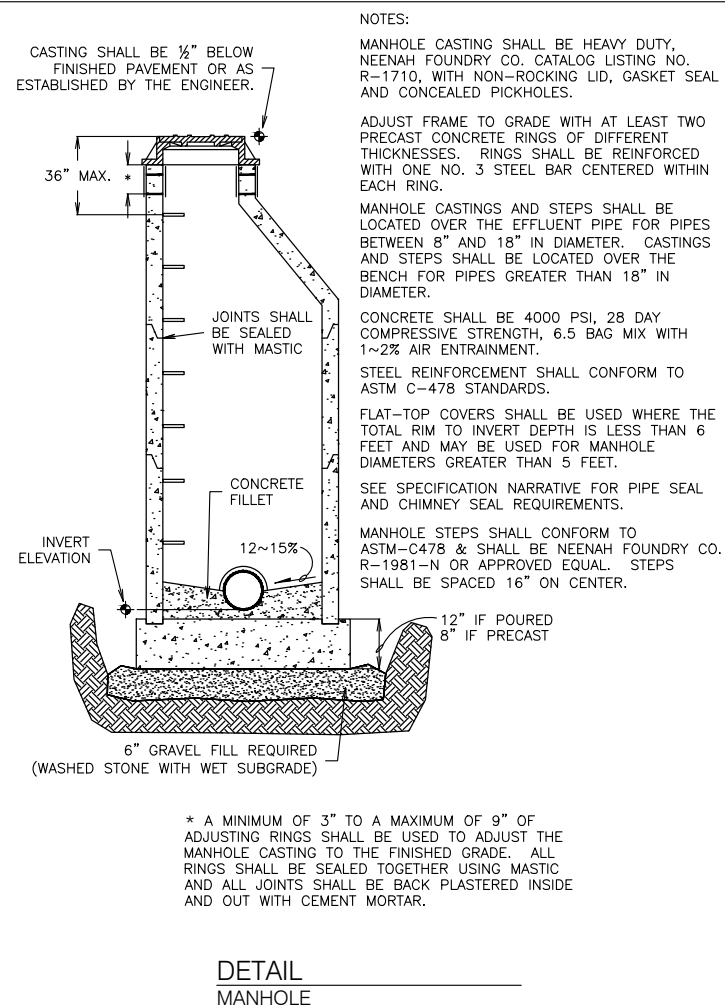
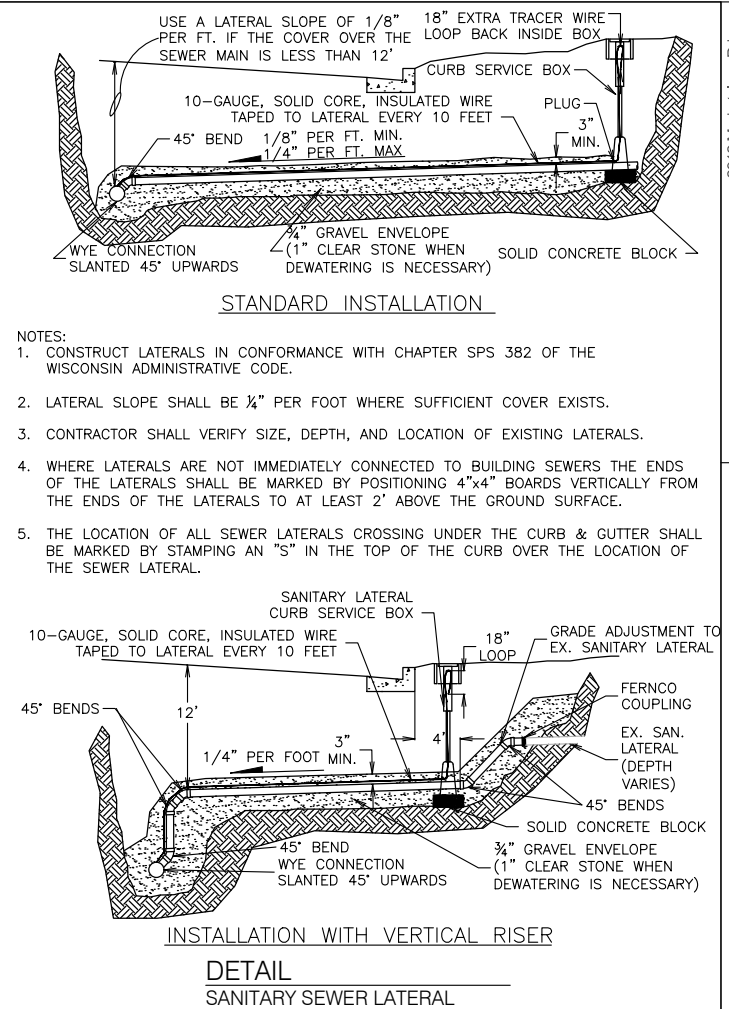
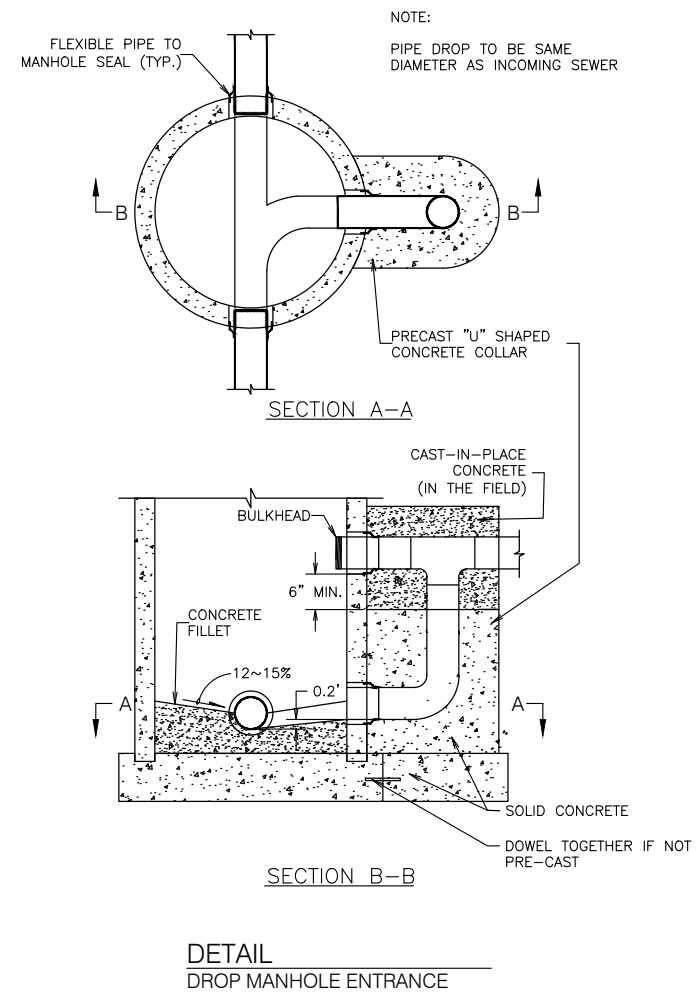
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



NOTE:

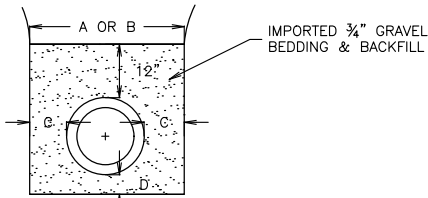
— ON STREET SURFACES  
CRUSHED AGGREGATE BASE STONE  
SERVES AS TRACKING PAD.

DETAIL  
CLEAR STONE TRACKING PAD

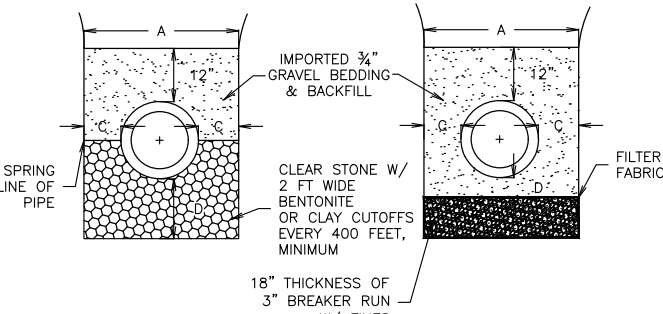




DIMENSIONS:  
A: OUTSIDE DIAMETER OF PIPE PLUS 24" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36". TRENCH SHIELDS NARROWER THAN 4 FEET INSIDE WIDTH WILL NOT BE REQUIRED UNLESS SPECIFICALLY REQUIRED IN THE PROJECT SPECIFICATIONS.  
B: FOR ROCK, OUTSIDE DIAMETER OF PIPE PLUS 18" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36".  
C: MINIMUM - 6"  
D: MINIMUM 4" BELOW BARREL AND 3" BELOW BELL.



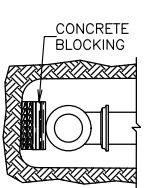
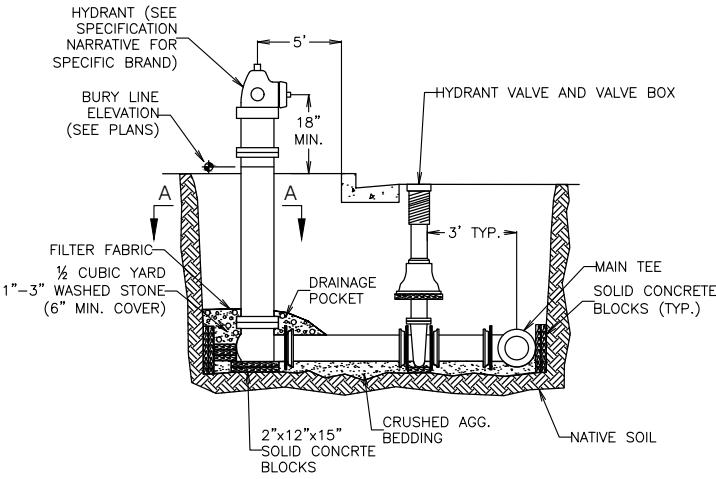
NORMAL PIPE TRENCH



WET TRENCH  
WITH SUMP DEWATERING

UNSTABLE TRENCH

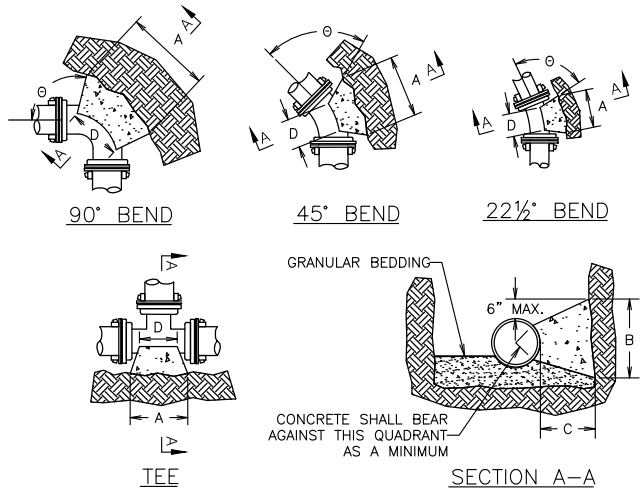
DETAIL  
TRENCH WIDTH AND BEDDING



NOTES:  
- THE HYDRANT AND HYDRANT VALVE SHALL BE CONNECTED TO THE MAIN TEE BY MEGALUGS.  
- FILTER FABRIC SHALL BE WRAPPED AROUND THE DRAIN POCKET.  
- WHERE THE HYDRANT IS INSTALLED AT THE HIGH POINT OF THE WATER MAIN ON MAINS 10 INCHES IN DIAMETER AND LARGER, THE CONTRACTOR SHALL TIP THE MAIN TEE UPWARDS 45 DEGREES AND USE A 45 DEGREE FITTING TO ALLOW AIR TO ESCAPE FROM THE MAIN.  
- WHERE THE LOCATION OF THE HYDRANT VALVE BOX WOULD BE IN ANY PORTION OF THE CURB AND GUTTER, THE CONTRACTOR SHALL PLACE THE VALVE IN THE TERRACE AREA.

SECTION A-A

DETAIL  
HYDRANT SETTING



WOOD BLOCKING MAY NOT BE USED. ONLY SOLID CONCRETE BLOCKS ARE ALLOWED.

DIMENSION "D" SHALL BE AS LARGE AS POSSIBLE, BUT THE CONCRETE SHALL NOT INTERFERE WITH THE MECHANICAL JOINTS.

DIMENSION "C" SHALL BE AT LEAST 6 INCHES, AND LARGE ENOUGH TO MAKE THE "θ" ANGLE EQUAL TO OR GREATER THAN 45 DEGREES WITH THE DIMENSION "A" AS SHOWN ON THE TABLE, OR GREATER, AND WITH DIMENSION "D" AS LARGE AS POSSIBLE.

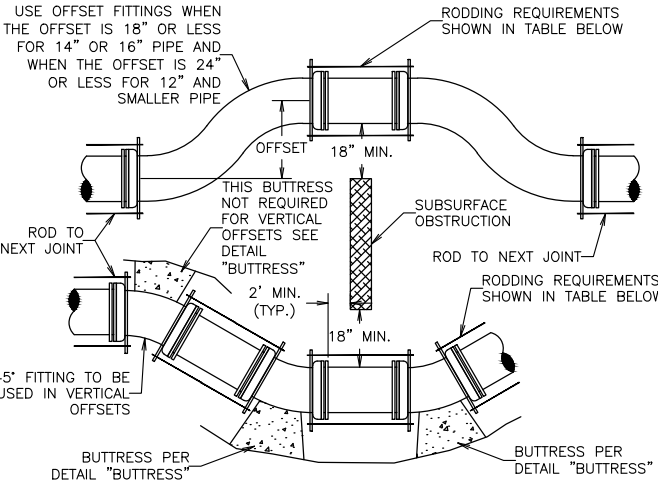
CONCRETE SHALL BE CLASS "CC". SEE SECTION 03301.

| BUTTRESS DIMENSIONS |       |       |            |       |          |        |          |        |  |
|---------------------|-------|-------|------------|-------|----------|--------|----------|--------|--|
| PIPE SIZE           | TEES  |       | 22.5° BEND |       | 45° BEND |        | 90° BEND |        |  |
|                     | A     | B     | A          | B     | A        | B      | A        | B      |  |
| 6                   | 1'-3" | 1'-0" | 1'-0"      | 1'-0" | 1'-0"    | 1'-0"  | 1'-4"    | 1'-2"  |  |
| 8                   | 1'-6" | 1'-4" | 1'-0"      | 1'-4" | 1'-2"    | 1'-10" | 1'-6"    |        |  |
| 10/12               | 2'-3" | 2'-0" | 1'-4"      | 1'-4" | 1'-10"   | 1'-10" | 2'-8"    | 2'-3"  |  |
| 14/16               | 3'-2" | 2'-6" | 1'-10"     | 1'-8" | 2'-6"    | 2'-4"  | 3'-10"   | 2'-10" |  |
| 18/20               | 4'-0" | 3'-0" | 2'-4"      | 2'-0" | 3'-3"    | 2'-10" | 5'-0"    | 3'-4"  |  |
| 22/24               | 5'-3" | 3'-4" | 2'-10"     | 2'-4" | 4'-0"    | 3'-3"  | 6'-4"    | 3'-10" |  |
| 30                  | 6'-3" | 4'-3" | 3'-6"      | 3'-0" | 5'-4"    | 3'-10" | 8'-0"    | 4'-8"  |  |

\* = FOR TEE THIS WILL BE THE BRANCH PIPE

DIMENSIONS IN THE TABLE ARE BASED ON A WATER PRESSURE OF 150 PSI AND SOIL RESISTANCE OF 2000 LBS./SQ.FT.

DETAIL  
BUTTRESS



| NOMINAL PIPE SIZE | RODS NO. | DIA. | STRAP SIZE   | BOLT DIA. | WASHER SIZE  |
|-------------------|----------|------|--------------|-----------|--------------|
| 6                 | 3        | 3/8" | 1/2" x 2     | 3/8"      | 1/2" x 3 x 5 |
| 8                 | 4        | 3/8" | 1/2" x 2     | 3/8"      | 1/2" x 3 x 5 |
| 10                | 4        | 3/8" | 1/2" x 2 1/2 | 1         | 1/2" x 3 x 5 |
| 12                | 4        | 3/8" | 1/2" x 2 1/2 | 1         | 1/2" x 3 x 5 |
| 14                | 4        | 3/8" | 1/2" x 2 1/2 | 1         | 1/2" x 3 x 5 |

ALL DIMENSIONS IN THIS TABLE ARE IN INCHES

NOTES:  
- RODS AND WASHERS TO BE ASTM A-575 MERCHANT QUALITY 0.17-0.24 CARBON. NUTS TO BE AMERICAN STANDARD HEAVY, NOT PRESSED.

- TIE RODS, BOLTS, NUTS, BANDS AND WASHERS TO BE FURNISHED AND ASSEMBLED BY THE CONTRACTOR.

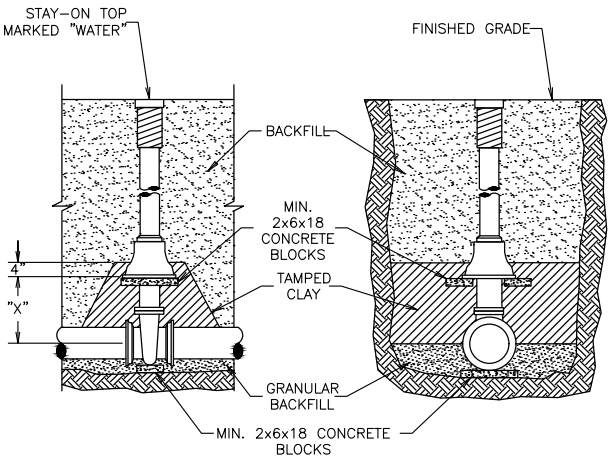
- ALL STEEL MATERIAL TO BE GALVANIZED OR THOROUGHLY COATED WITH ENGINEER APPROVED COATING.

- OFFSET FITTINGS REQUIRE CONTINUOUS RODDING IN ALL POSITIONS.

- VERTICAL OFFSETS SHALL NOT CREATE A HIGH POINT IN THE WATER MAIN. VERTICAL OFFSETS REQUIRE THE SAME RODDING AND BUTTRESSING AS SHOWN ABOVE.

- MEGALUG RESTRAINTS MAY BE USED IN LIEU OF RODDING.

DETAIL  
OFFSET AND RODDING



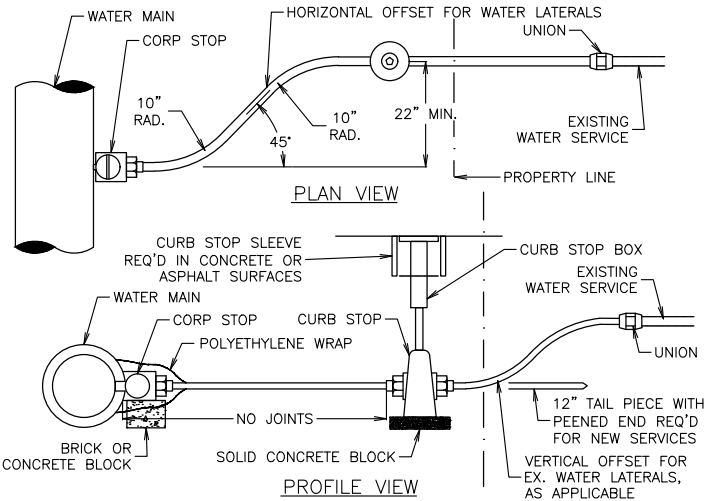
VIEW ALONG PIPELINE

SECTION VIEW

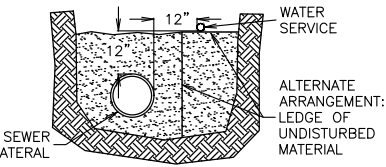
| PIPE DIA., INCHES     | 6  | 8  | 10 | 12 | 14 | 16 |
|-----------------------|----|----|----|----|----|----|
| "X" DIMENSION, INCHES | 12 | 13 | 17 | 21 | 25 | 30 |

NOTES:  
- SOLID CONCRETE BLOCKS MUST BE USED.  
- VALVES SHALL BE SECURED WITH RODDING OR MEGALUGS TO THE NEAREST "TEE" FITTING OR TO THE FIRST JOINT CONNECTING A FULL SECTION OF WATER MAIN PIPE. SEE RODDING DETAIL "OFFSET AND RODDING".

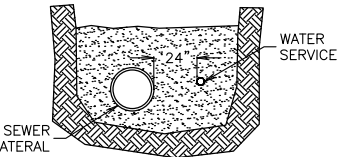
DETAIL  
VALVE BOX SETTING



PROFILE VIEW

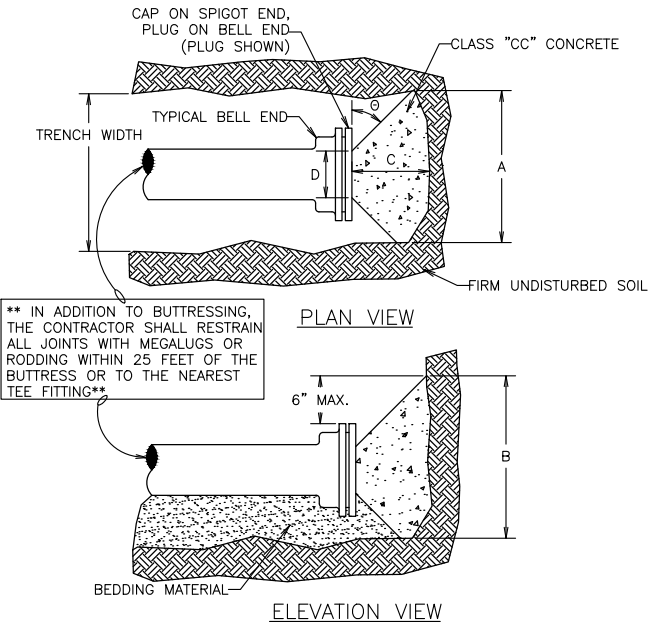


JOINT TRENCH INSTALLATION

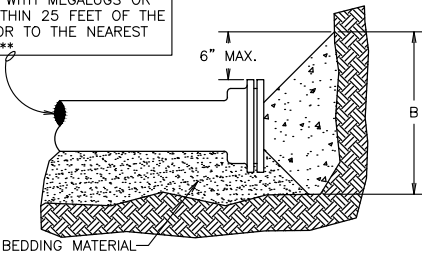


JOINT TRENCH INSTALLATION W/  
LESS THAN 12" VERTICAL SEPARATION

DETAIL  
WATER SERVICE INSTALLATION



PLAN VIEW



ELEVATION VIEW

| BUTTRESS DIMENSIONS |       |        |   |   |
|---------------------|-------|--------|---|---|
| DIA.                | A     | B      | C | D |
| 6"                  | 1'-3" | 1'-0"  |   |   |
| 8"                  | 1'-8" | 1'-6"  |   |   |
| 10"                 | 2'-0" | 1'-8"  |   |   |
| 12"                 | 2'-5" | 1'-10" |   |   |
| 16"                 | 3'-4" | 2'-4"  |   |   |
| 20"                 | 4'-3" | 2'-10" |   |   |
| 24"                 | 5'-2" | 3'-4"  |   |   |
| 30"                 | 6'-9" | 4'-0"  |   |   |

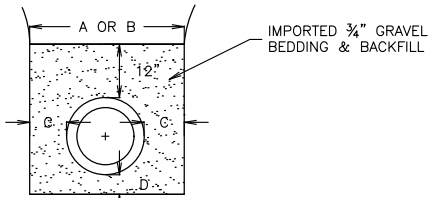
NOTES:  
- DIMENSION "C" SHALL BE LARGE ENOUGH TO MAKE ANGLE θ EQUAL TO OR GREATER THAN 45°.

- DIMENSION "D" EQUALS APPROX. I.D. OF PIPE, LESS 2 INCHES. CONTRACTOR SHALL PROTECT THE MECH. JOINT BOLTS FROM THE CONCRETE BUTTRESS.

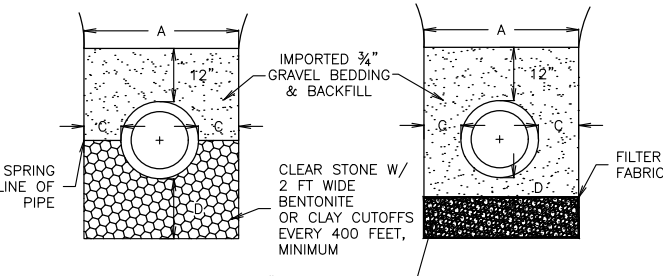
- BUTTRESS DIMENSIONS ARE BASED UPON A SOIL RESISTANCE OF 2 TONS PER SQ. FT. AND A WATER PRESSURE OF 150 P.S.I.

DETAIL  
BUTTRESS FOR DEAD ENDS

DIMENSIONS:  
A: OUTSIDE DIAMETER OF PIPE PLUS 24" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36". TRENCH SHIELDS NARROWER THAN 4 FEET INSIDE WIDTH WILL NOT BE REQUIRED UNLESS SPECIFICALLY REQUIRED IN THE PROJECT SPECIFICATIONS.  
B: FOR ROCK, OUTSIDE DIAMETER OF PIPE PLUS 18" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36".  
C: MINIMUM - 6"  
D: MINIMUM 4" BELOW BARREL AND 3" BELOW BELL.



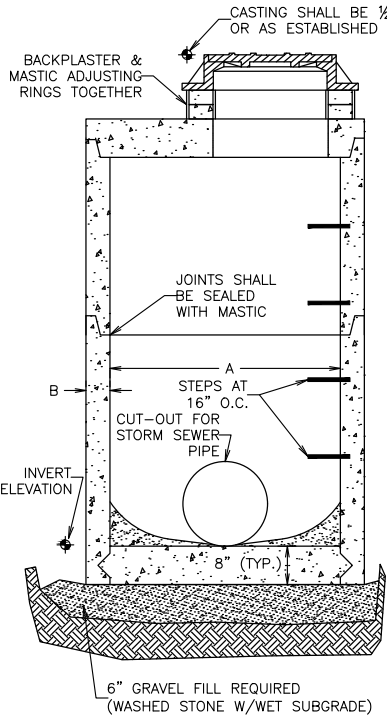
NORMAL PIPE TRENCH



WET TRENCH  
WITH SUMP DEWATERING

UNSTABLE TRENCH

DETAIL  
TRENCH WIDTH AND BEDDING



STORM MANHOLE DIMENSIONS

| MANHOLE SIZE | DIMENSION |          |
|--------------|-----------|----------|
|              | A         | B (MIN.) |
| 48"          | 48"       | 5"       |
| 60"          | 60"       | 6"       |
| 72"          | 72"       | 7"       |
| 84"          | 84"       | 7"       |
| 96"          | 96"       | 9"       |

DETAIL  
STORM SEWER MANHOLE AND INLET

NOTES:  
CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.

MANHOLE STEPS SHALL CONFORM TO ASTM-C478 & SHALL BE NEENAH FOUNDRY R-1981-N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES. RINGS SHALL BE REINFORCED WITH ONE NO.3 STEEL BAR CENTERED WITHIN EACH RING.

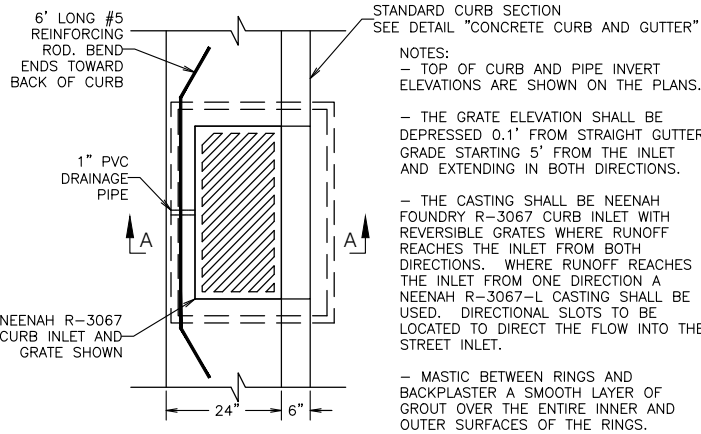
A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.

MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY R-1550-A, WITH TYPE "B" NON-ROCKING LID, GASKET SEAL AND CONCEALED PICK HOLES.

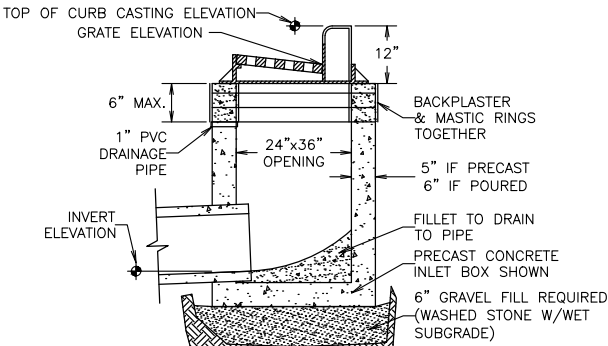
MANHOLE INLET CASTING SHALL BE NEENAH FOUNDRY R-2050 WITH TYPE "C" NON-ROCKING GRATE.

MANHOLE-TYPE CURB INLET CASTING SHALL BE NEENAH FOUNDRY R-3067 WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE CURB INLET.

A 2x3 LID OPENING IS REQUIRED FOR MANHOLE-TYPE CURB INLETS. ADJUSTING RINGS SHOULD THEN BE LIMITED TO 6" MAX.

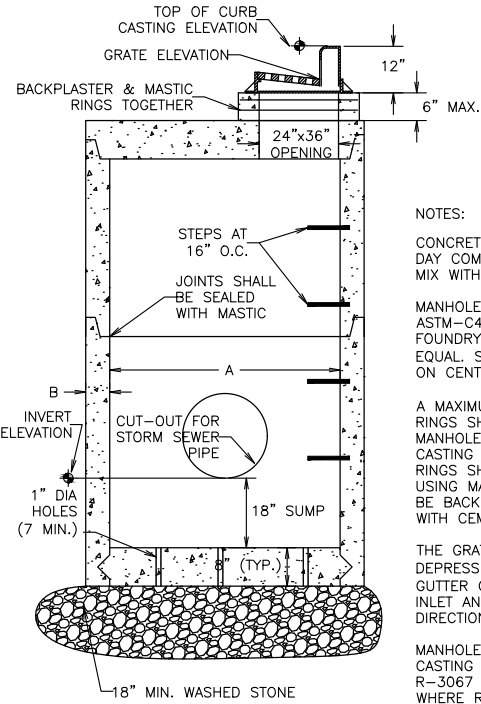


PLAN VIEW



SECTION A-A

DETAIL  
RECTANGULAR CURB INLET



STORM MANHOLE DIMENSIONS

| MANHOLE SIZE | DIMENSION |          |
|--------------|-----------|----------|
|              | A         | B (MIN.) |
| 48"          | 48"       | 5"       |
| 60"          | 60"       | 6"       |
| 72"          | 72"       | 7"       |
| 84"          | 84"       | 7"       |
| 96"          | 96"       | 9"       |

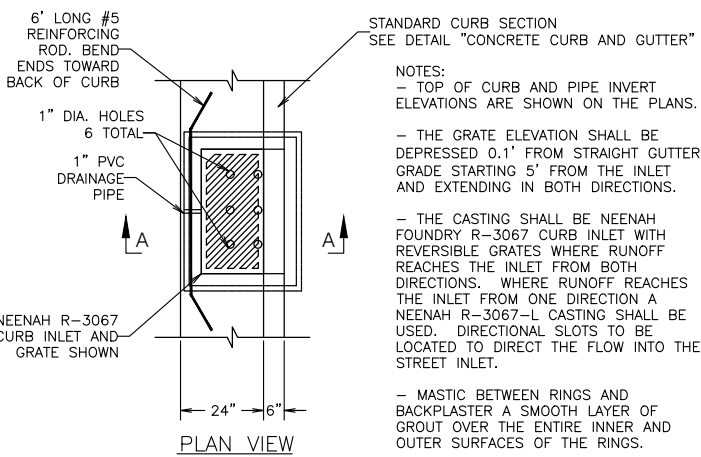
DETAIL  
STORM SEWER MANHOLE CATCH BASIN

NOTES:  
- TOP OF CURB AND PIPE INVERT ELEVATIONS ARE SHOWN ON THE PLANS.

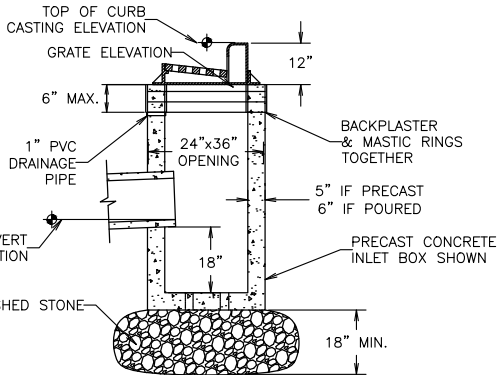
- THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.

- THE CASTING SHALL BE NEENAH FOUNDRY R-3067 CURB INLET WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE STREET INLET.

- MASTIC BETWEEN RINGS AND BACKPLASTER A SMOOTH LAYER OF GROUT OVER THE ENTIRE INNER AND OUTER SURFACES OF THE RINGS.

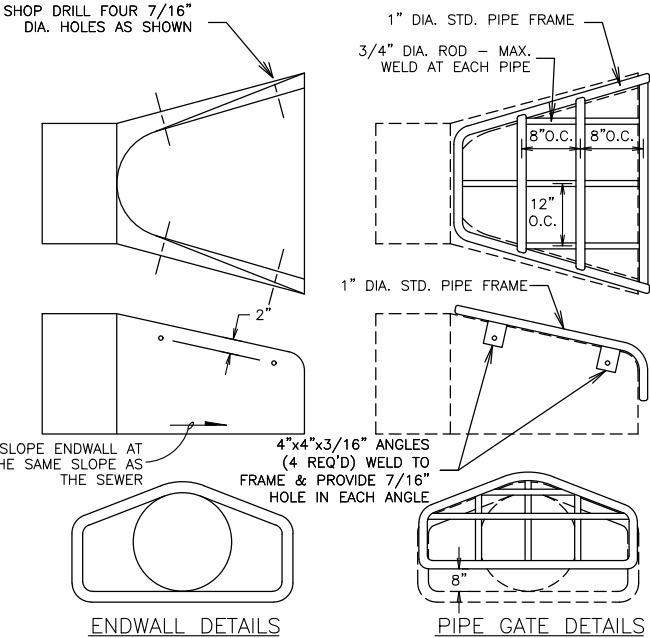


PLAN VIEW



SECTION A-A

DETAIL  
RECTANGULAR CATCH BASIN



ENDWALL DETAILS

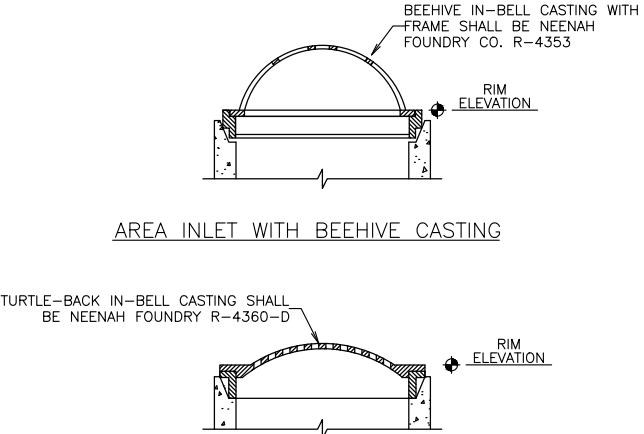
PIPE GATE DETAILS

NOTES:  
- THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8"x6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.

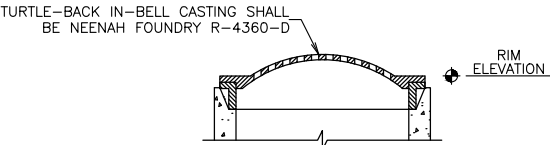
PAINTING SPECIFICATIONS:  
- THE PIPE GATE SHALL RECEIVE THE FOLLOWING PREPARATION & PAINTING. THE FIRST COAT SHALL BE RUS-OLEUM X-60 RED BARE METAL PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUST-OLEUM 960 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE THIRD COAT SHALL BE RUS-OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.

PREPARATION STEPS:  
1. BARE METAL SURFACES - TREAT WITH THE THREE-COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING.  
2. EACH COAT OF PAINT SHALL BE APPLIED OVER THE ENTIRE GATE SURFACE.  
3. ALLOW 24-48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.

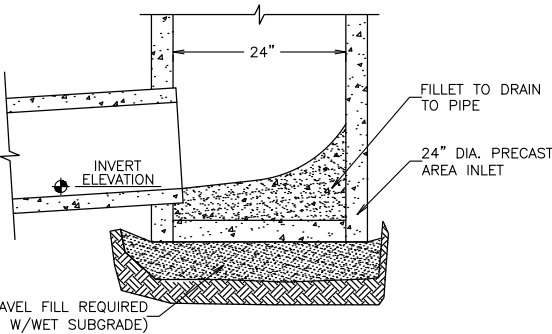
DETAIL  
ENDWALLS



AREA INLET WITH BEEHIVE CASTING

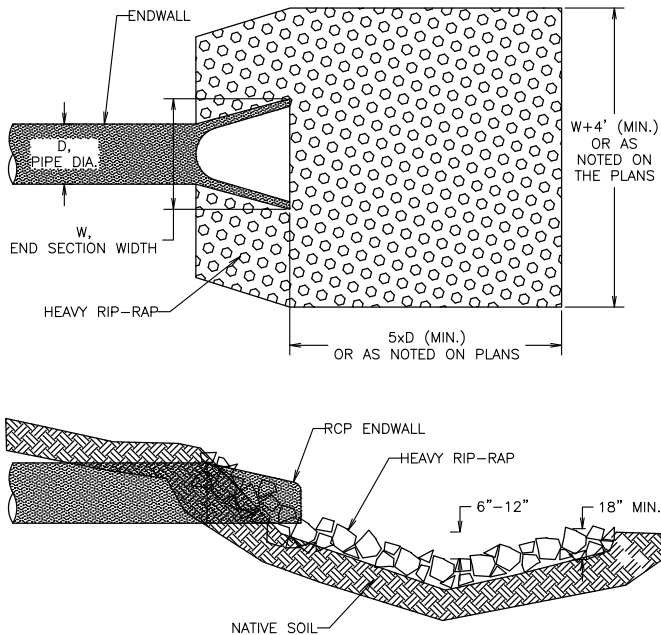


AREA INLET WITH TURTLE-BACK CASTING



AREA INLET BOTTOM SECTION

DETAIL  
AREA INLET



NOTE:  
RIP-RAP SHALL BE A MINIMUM OF 2 C.Y. PER ENDWALL.

DETAIL  
ENDWALL AND RIP-RAP

2912 Marketplace Drive  
Suite 103  
Madison, WI 53719  
(608) 273-3350  
www.tceengineers.net

TOWN & COUNTRY  
ENGINEERING, INC.

STANDARD CONSTRUCTION DETAILS  
STORM SEWER

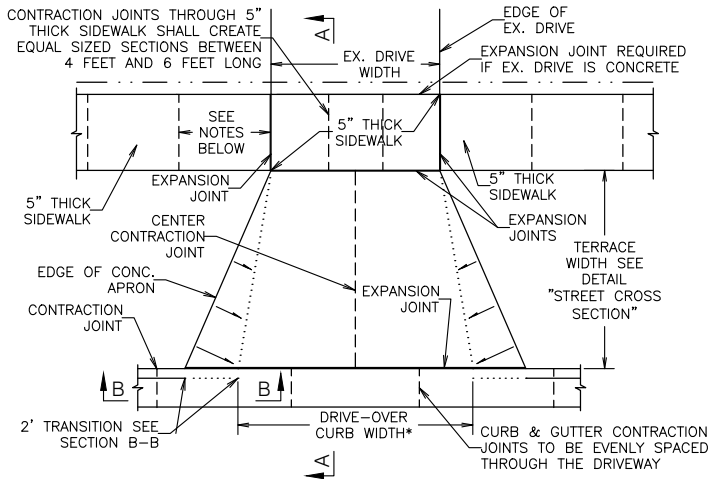
2022 STREET AND UTILITY IMPROVEMENTS  
Village of McFarland, Wisconsin

PROJECT NO.: MC 189  
DRAWING FILE: TERNAL DETAILS.DWG  
DRAWN BY: J.R.K.  
CHECKED BY: T.J.S.  
DATE: 2-3-22  
REVISIONS:  
SCALE:

N.T.S.

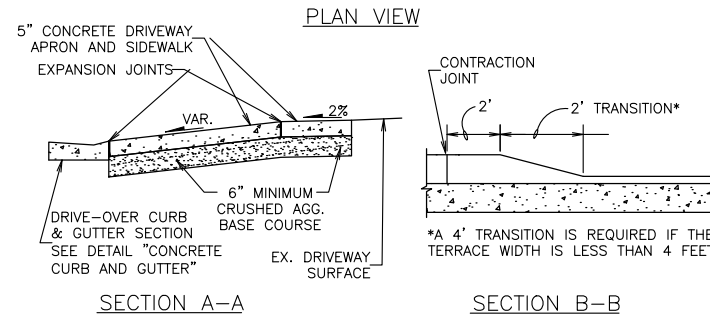
SHEET:

7



NOTES: - 5" THICK WALK WIDTH SHALL BE EQUAL TO THE EX. DRIVE WIDTH OR A MINIMUM OF 12' CENTERED ON THE EX. DRIVE. THE DRIVE-OVER CURB WIDTH SHALL BE EQUAL TO THE 5" THICK WALK WIDTH PLUS 2', CENTERED ON THE EX. DRIVE.

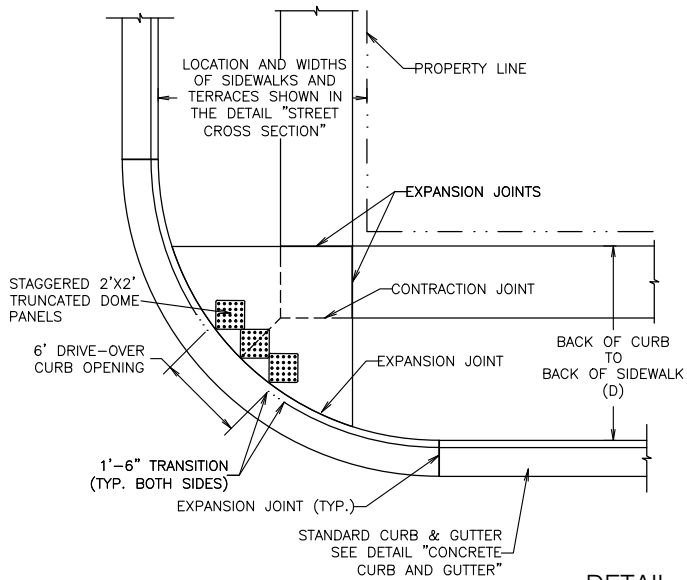
- CONTRACTION JOINTS IN 5" THICK SIDEWALKS SHALL BE PLACED EVERY 5'. EXPANSION JOINTS SHALL BE PLACED AT INTERVALS NOT TO EXCEED 96 FEET.



DETAIL DRIVEWAY

TYPE 1 CURB RAMP

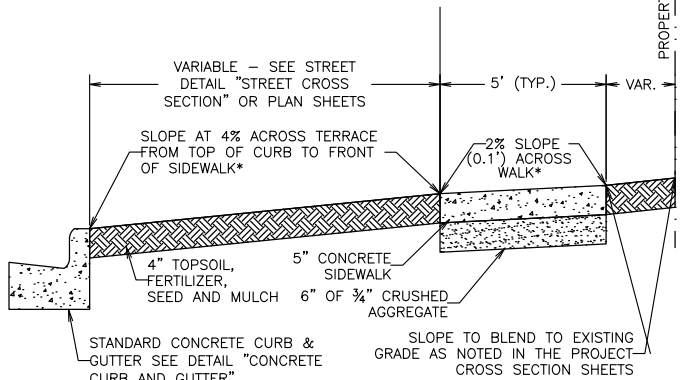
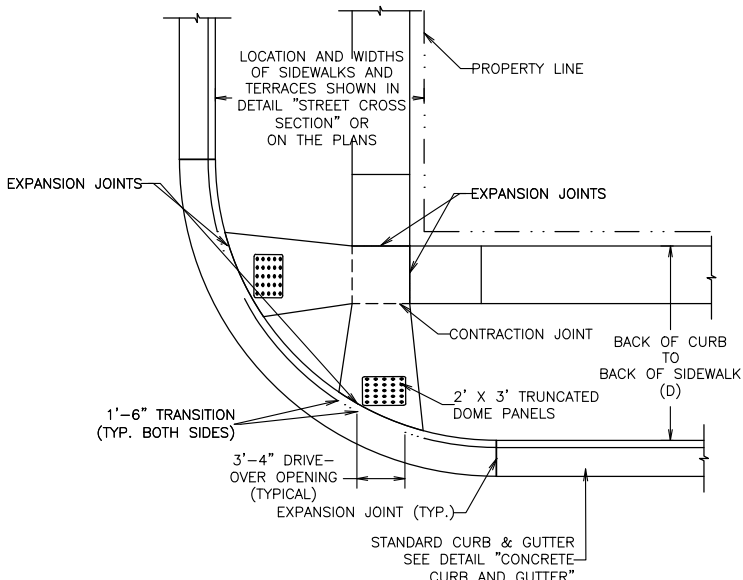
- FOR USE WHEN THE DISTANCE FROM THE BACK OF THE CURB TO THE BACK OF THE SIDEWALK (D) IS LESS THAN 12 FEET.



DETAIL CURB RAMP

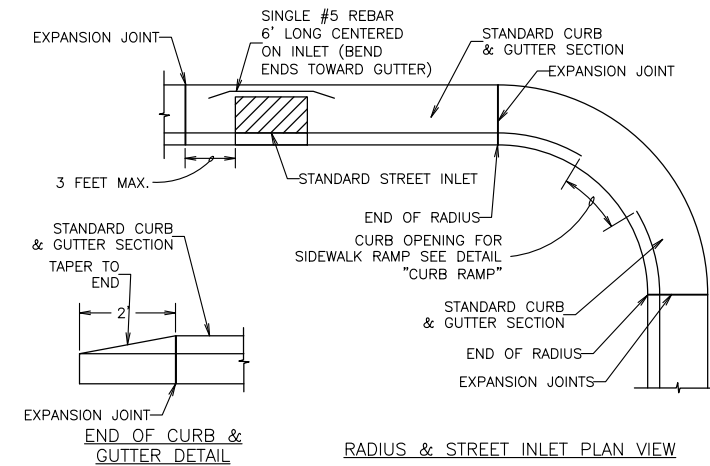
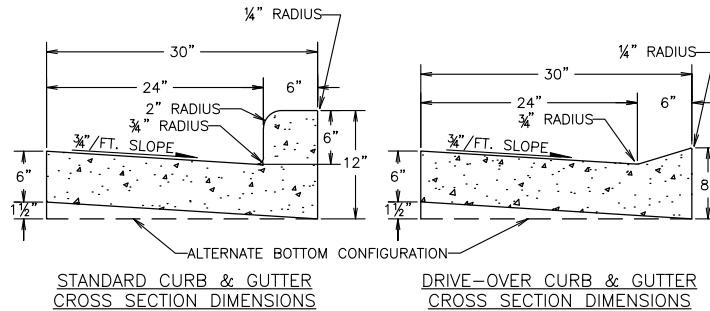
TYPE 2 CURB RAMP

- FOR USE WHEN THE DISTANCE FROM THE BACK OF THE CURB TO THE BACK OF THE SIDEWALK (D) IS GREATER THAN OR EQUAL TO 12 FEET.



\* WHERE PLAN CROSS SECTIONS CONFLICT WITH THIS DETAIL THE PLAN CROSS SECTIONS SHALL GOVERN.

DETAIL SIDEWALK - TERRACE SECTION

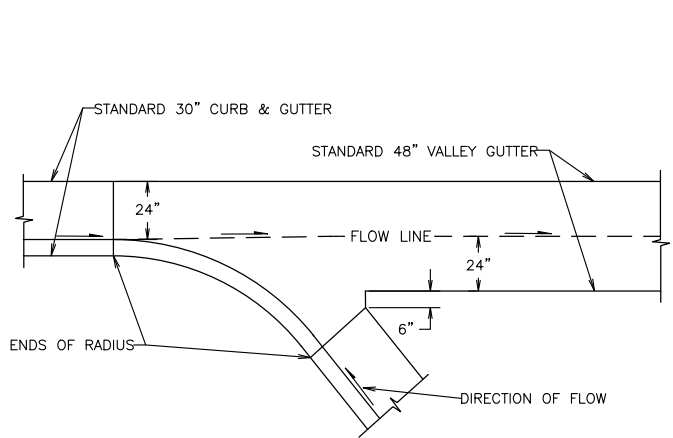


NOTES:

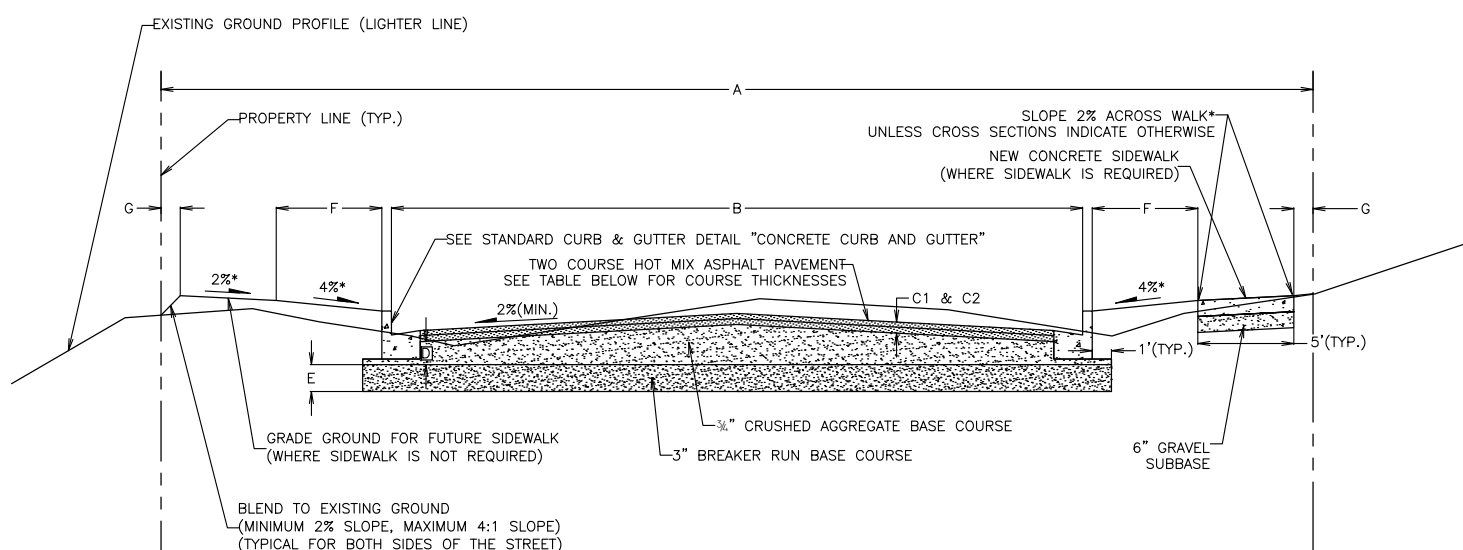
1.) CONTRACTION JOINTS SHALL BE PLACED EVERY 6 TO 12 FEET AND AT LOCATIONS SHOWN IN THE CURB RAMP AND DRIVEWAY DETAILS.

2.) EXPANSION JOINTS SHALL BE PLACED AT EVERY END OF RADIUS, 3 FEET ON ONE SIDE OF EACH STREET INLET AND AT INTERVALS NOT TO EXCEED 300 FEET.

DETAIL CONCRETE CURB AND GUTTER



DETAIL VALLEY GUTTER



STANDARD STREET DETAIL DIMENSIONS

|                  | A                  | B                            | C1                     | C2                       | D                   | E                             | F             | G                          |
|------------------|--------------------|------------------------------|------------------------|--------------------------|---------------------|-------------------------------|---------------|----------------------------|
|                  | RIGHT OF WAY WIDTH | CURB FACE TO CURB FACE WIDTH | LOWER COURSE THICKNESS | SURFACE COURSE THICKNESS | C.A.B.C. THICKNESS* | 3" BREAKER RUN B.C. THICKNESS | TERRACE WIDTH | BACK OF WALK TO PROP. LINE |
| STREET NAME      |                    |                              |                        |                          |                     |                               |               |                            |
| TERMINAL DRIVE   | VARIES             | 34'                          | 3"                     | 2"                       | 6"                  | 12" MIN.                      | 4'            | VARIES                     |
| HIDDEN FARM ROAD | 66'                | 27'                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | 4'            | VARIES                     |
| CARD AVENUE      | 10'                | N/A                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | N/A           | N/A                        |
| BREMER ROAD      | VARIES             | 34'                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | N/A           | VARIES                     |
| LARSON BEACH RD  | VARIES             | 34'                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | N/A           | VARIES                     |
| STORCK ROAD      | 66'                | N/A                          | N/A                    | 2"                       | 6"                  | N/A                           | N/A           | N/A                        |
|                  |                    |                              |                        |                          |                     |                               |               |                            |
|                  |                    |                              |                        |                          |                     |                               |               |                            |

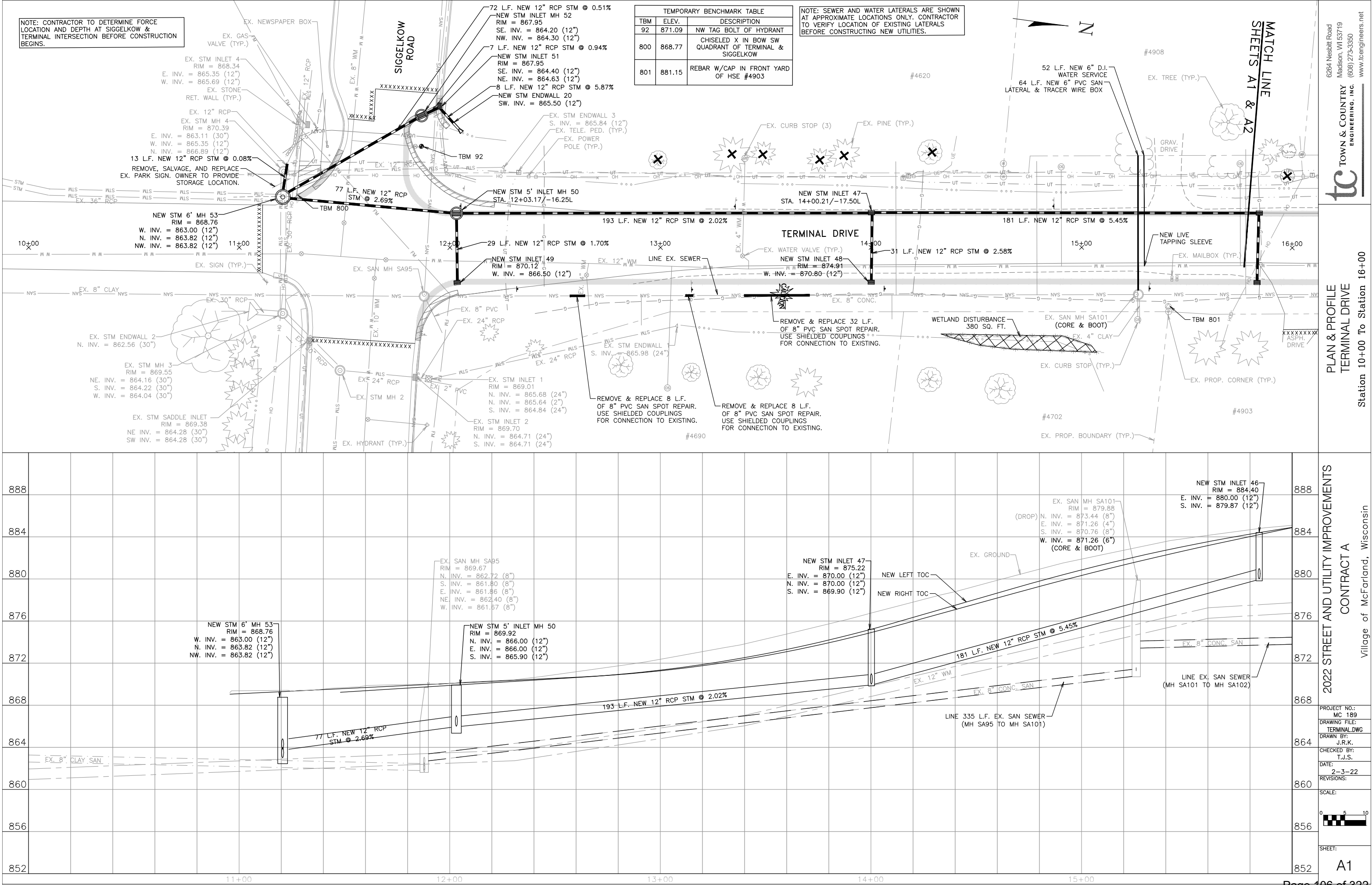
\*WHERE PLAN CROSS SECTIONS CONFLICT WITH THIS DETAIL, THE PLAN CROSS SECTION SHALL GOVERN.

NOTES:

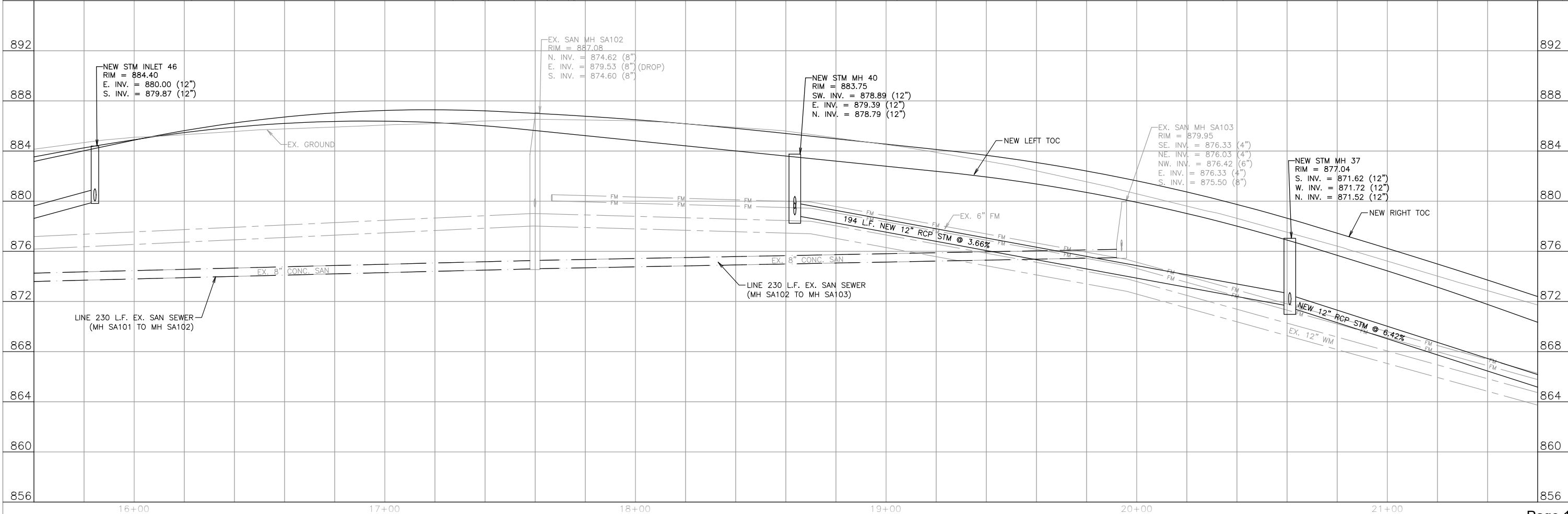
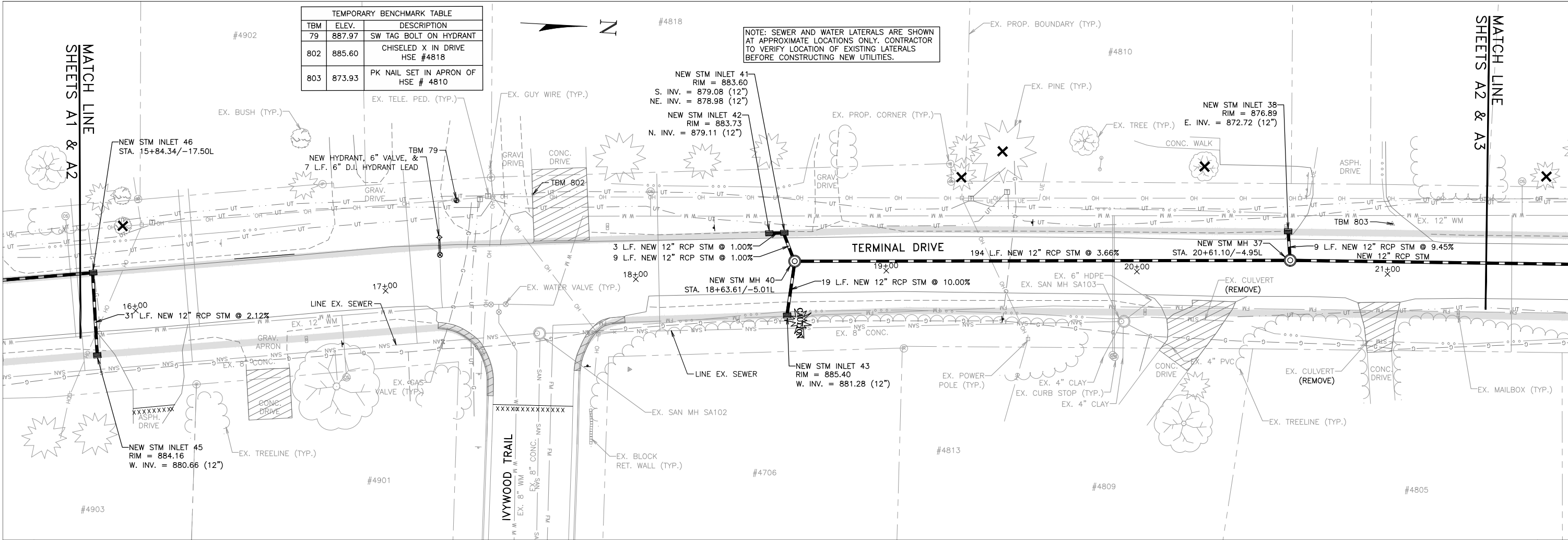
THE CROWN OF THE ROAD SHALL BE CREATED USING THE 3/4" CRUSHED AGGREGATE BASE COURSE. THE THICKNESS SHOWN IS THE MINIMUM THICKNESS REQUIRED AS MEASURED AT THE CONCRETE CURB & GUTTER SECTION.

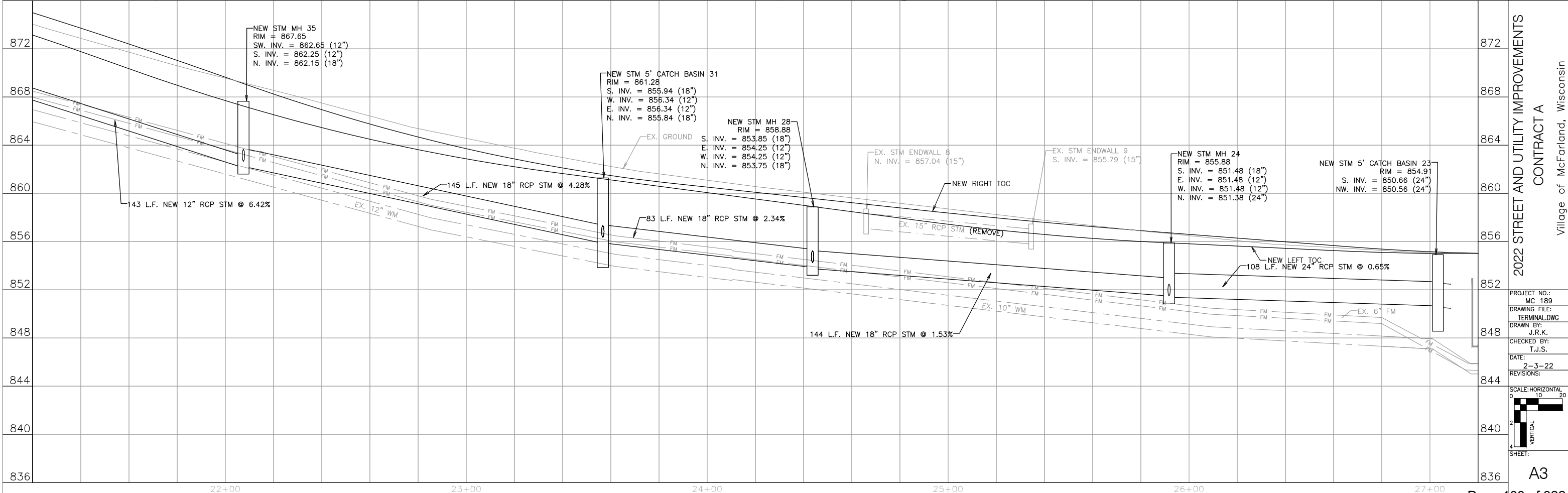
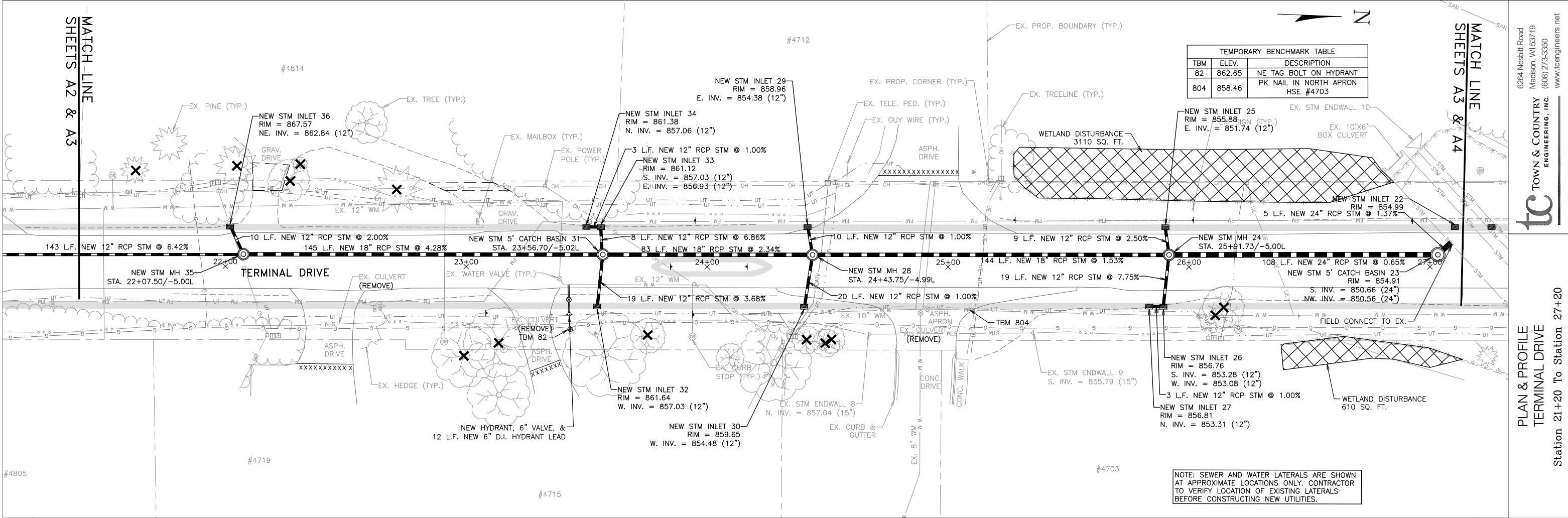
THE 3" BREAKER RUN BASE COURSE THICKNESS MAY NEED TO BE INCREASED DEPENDING UPON SUBGRADE CONDITIONS.

DETAIL STREET CROSS SECTION



| TEMPORARY BENCHMARK TABLE |        |                                    |
|---------------------------|--------|------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                        |
| 79                        | 887.97 | SW TAG BOLT ON HYDRANT             |
| 802                       | 885.60 | CHISELED X IN DRIVE HSE #4818      |
| 803                       | 873.93 | PK NAIL SET IN APRON OF HSE # 4810 |





PLAN & PROFILE  
TERMINAL DRIVE

Station 21+20 To Station 27+20

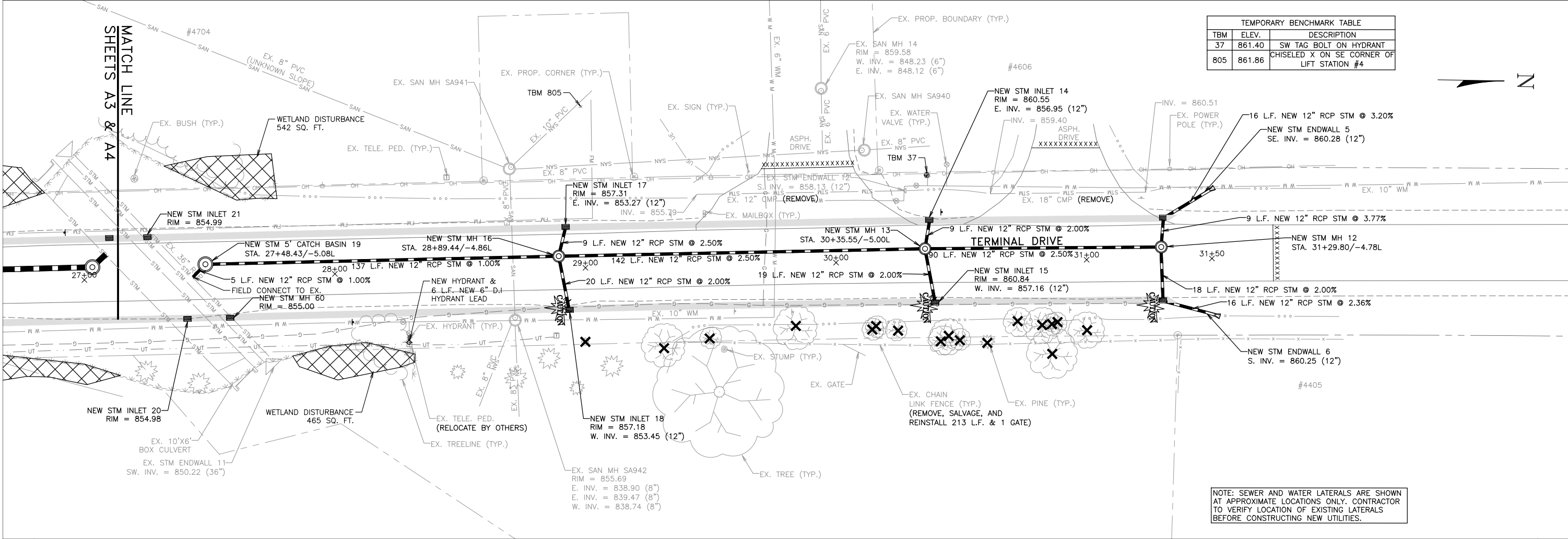
2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A

Village of McFarland, Wisconsin

PROJECT NO.: MC 189  
DRAWING FILE: TERMINAL.DWG  
DRAWN BY: J.R.K.  
CHECKED BY: T.J.S.  
DATE: 2-3-22  
REVISIONS:  
SCALE: HORIZONTAL 1"=40'  
VERTICAL 1"=4'  
SHEET:

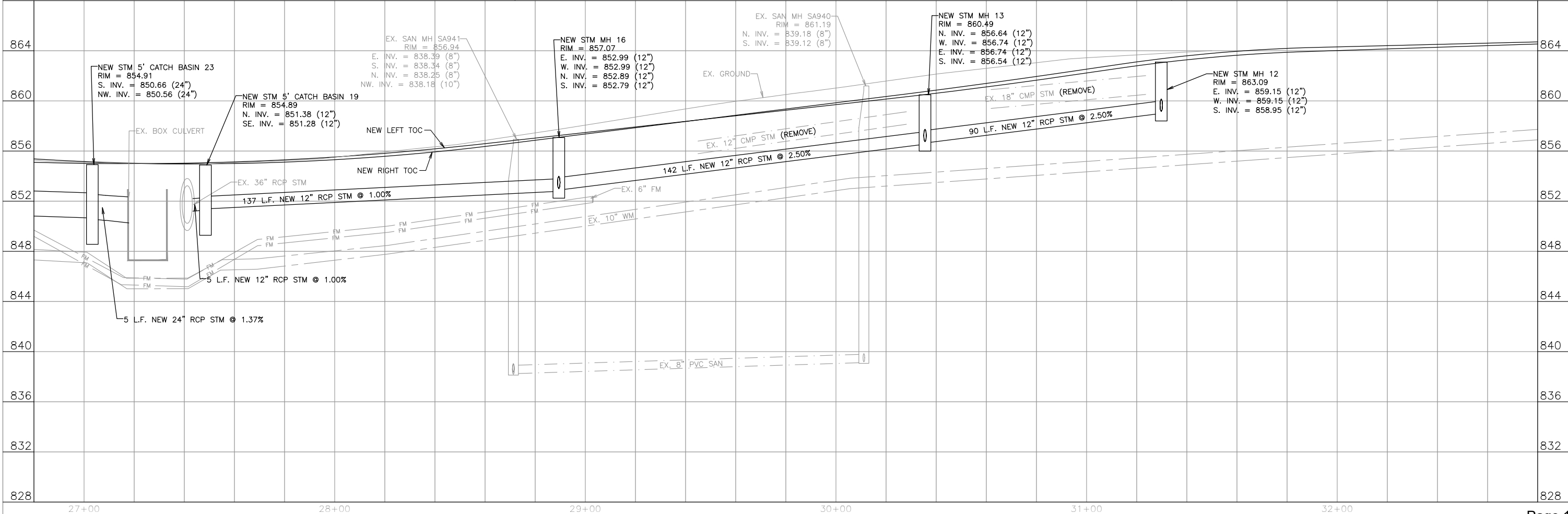
A3

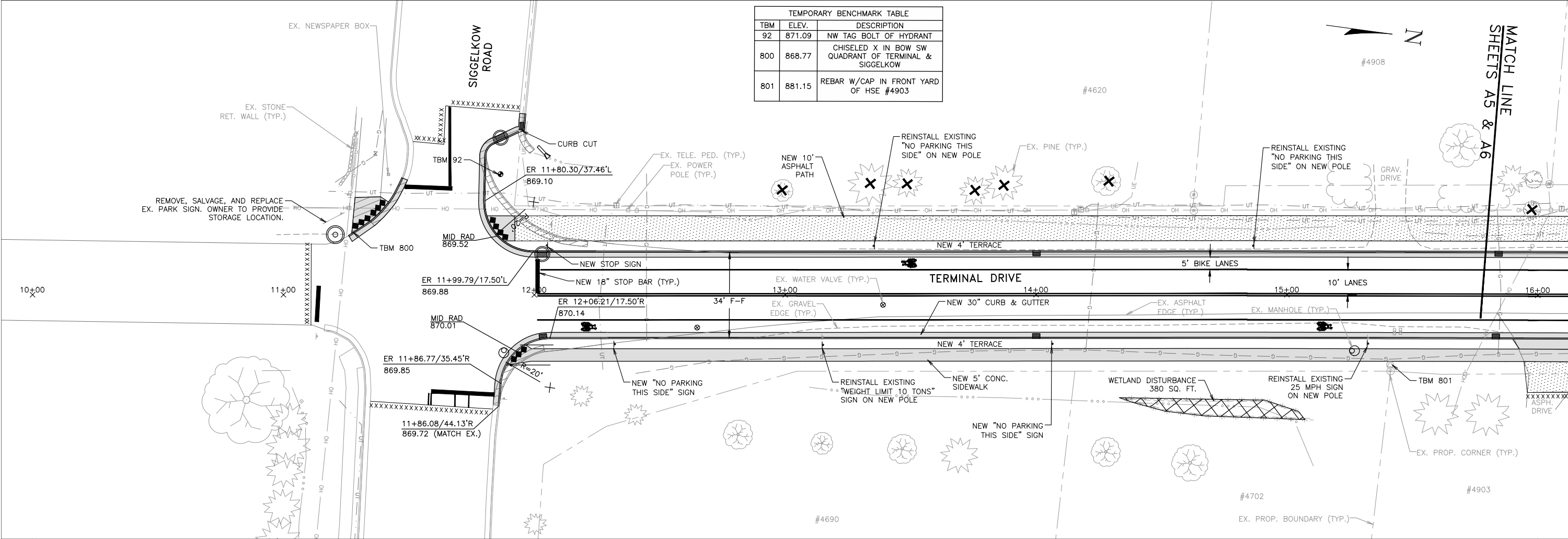




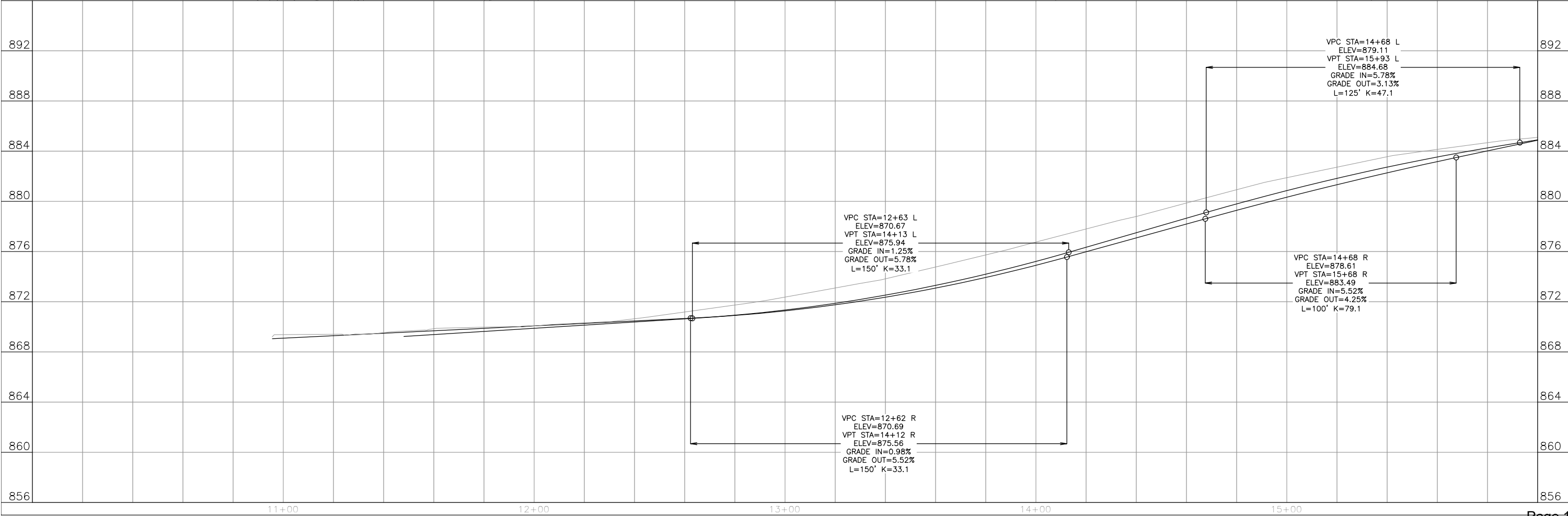
| TEMPORARY BENCHMARK TABLE |        |                                            |
|---------------------------|--------|--------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                                |
| 37                        | 861.40 | SW TAG BOLT ON HYDRANT                     |
| 805                       | 861.86 | CHISELED X ON SE CORNER OF LIFT STATION #4 |

NOTE: SEWER AND WATER LATERALS ARE SHOWN AT APPROXIMATE LOCATIONS ONLY. CONTRACTOR TO VERIFY LOCATION OF EXISTING LATERALS BEFORE CONSTRUCTING NEW UTILITIES.

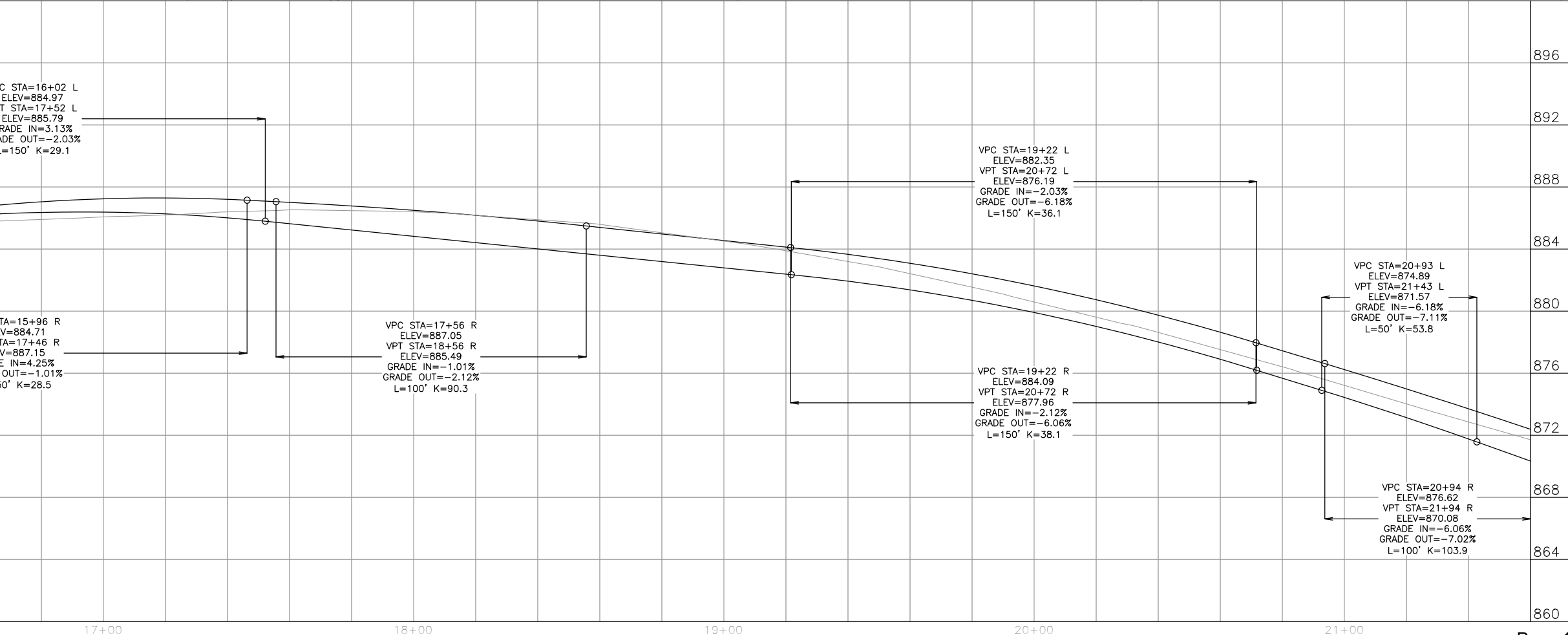
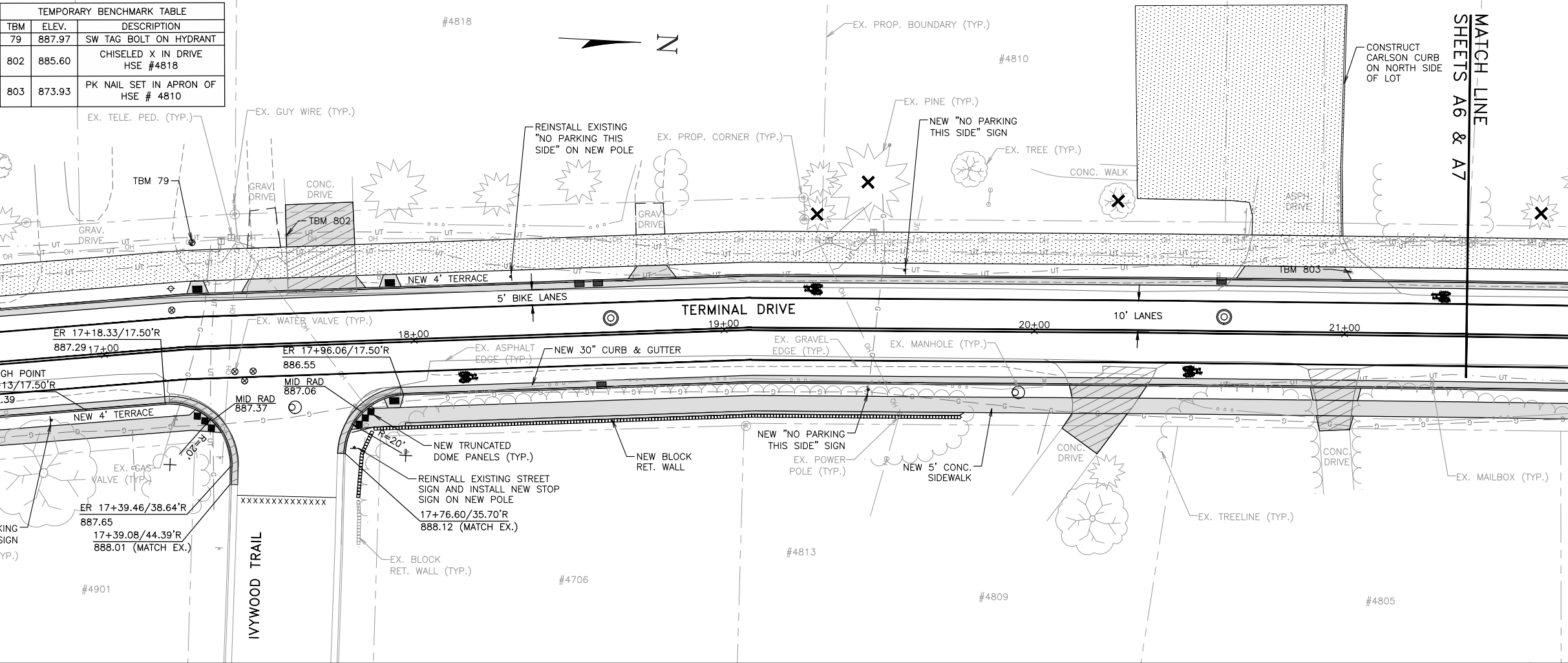




| TEMPORARY BENCHMARK TABLE |        |                                                       |
|---------------------------|--------|-------------------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                                           |
| 92                        | 871.09 | NW TAG BOLT OF HYDRANT                                |
| 800                       | 868.77 | CHISELED X IN BOW SW QUADRANT OF TERMINAL & SIGGELKOW |
| 801                       | 881.15 | REBAR W/CAP IN FRONT YARD OF HSE #4903                |



| TEMPORARY BENCHMARK TABLE |        |                                    |
|---------------------------|--------|------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                        |
| 79                        | 887.97 | SW TAG BOLT ON HYDRANT             |
| 802                       | 885.60 | CHISELED X IN DRIVE HSE #4818      |
| 803                       | 873.93 | PK NAIL SET IN APRON OF HSE # 4810 |



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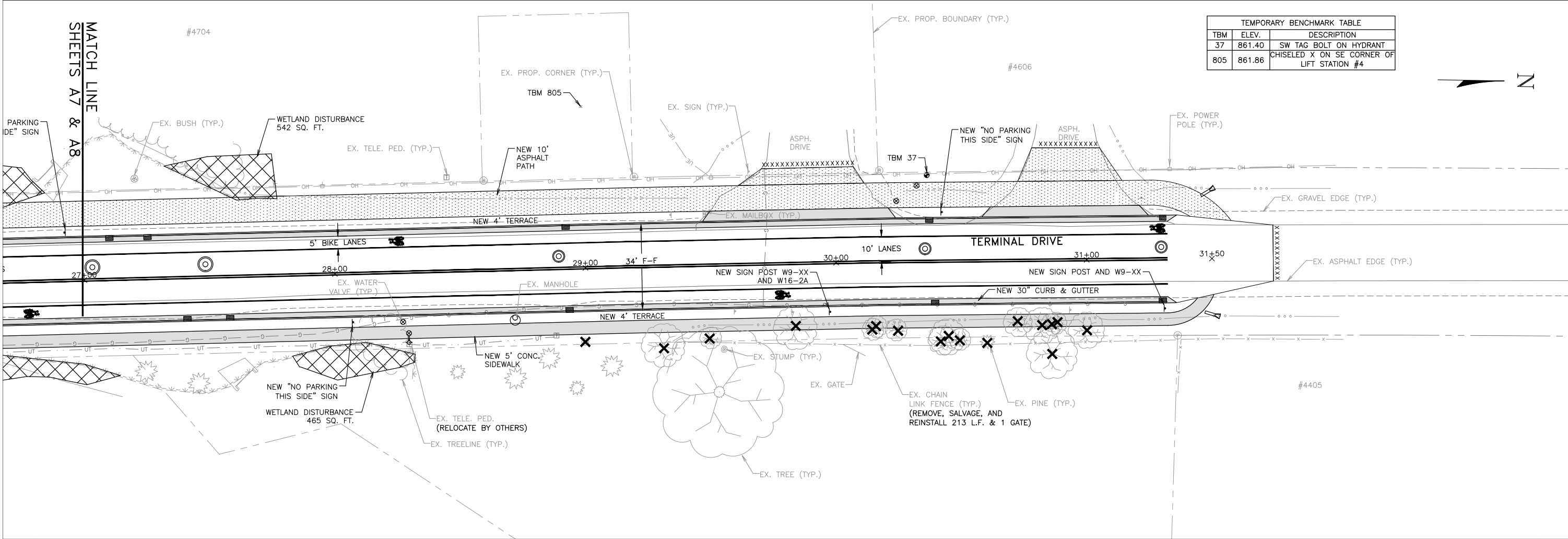
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PLAN & PROFILE  
TERMINAL DRIVE  
Station 15+60 To Station 21+60

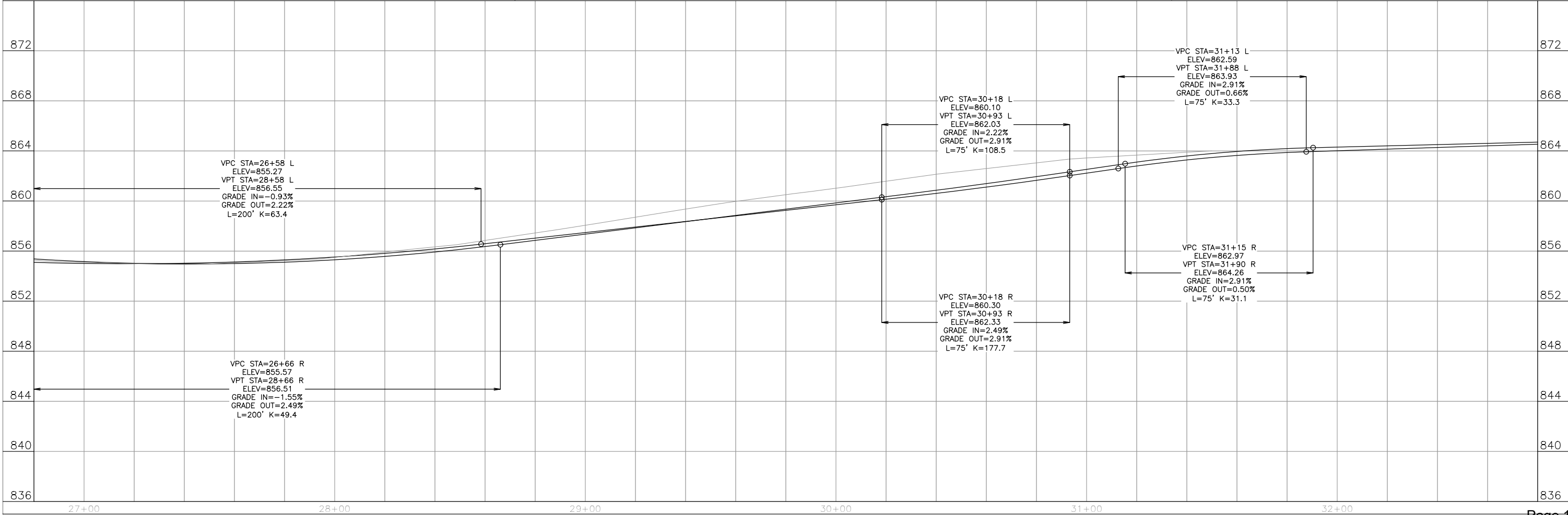
2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.: MC 189  
DRAWING FILE: TERMINAL.DWG  
DRAWN BY: J.R.K.  
CHECKED BY: T.J.S.  
DATE: 2-3-22  
REVISIONS:  
SCALE: HORIZONTAL 0 10 20  
VERTICAL 0 2 4  
SHEET: A6





| TEMPORARY BENCHMARK TABLE |        |                                            |
|---------------------------|--------|--------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                                |
| 37                        | 861.40 | SW TAG BOLT ON HYDRANT                     |
| 805                       | 861.86 | CHISELED X ON SE CORNER OF LIFT STATION #4 |



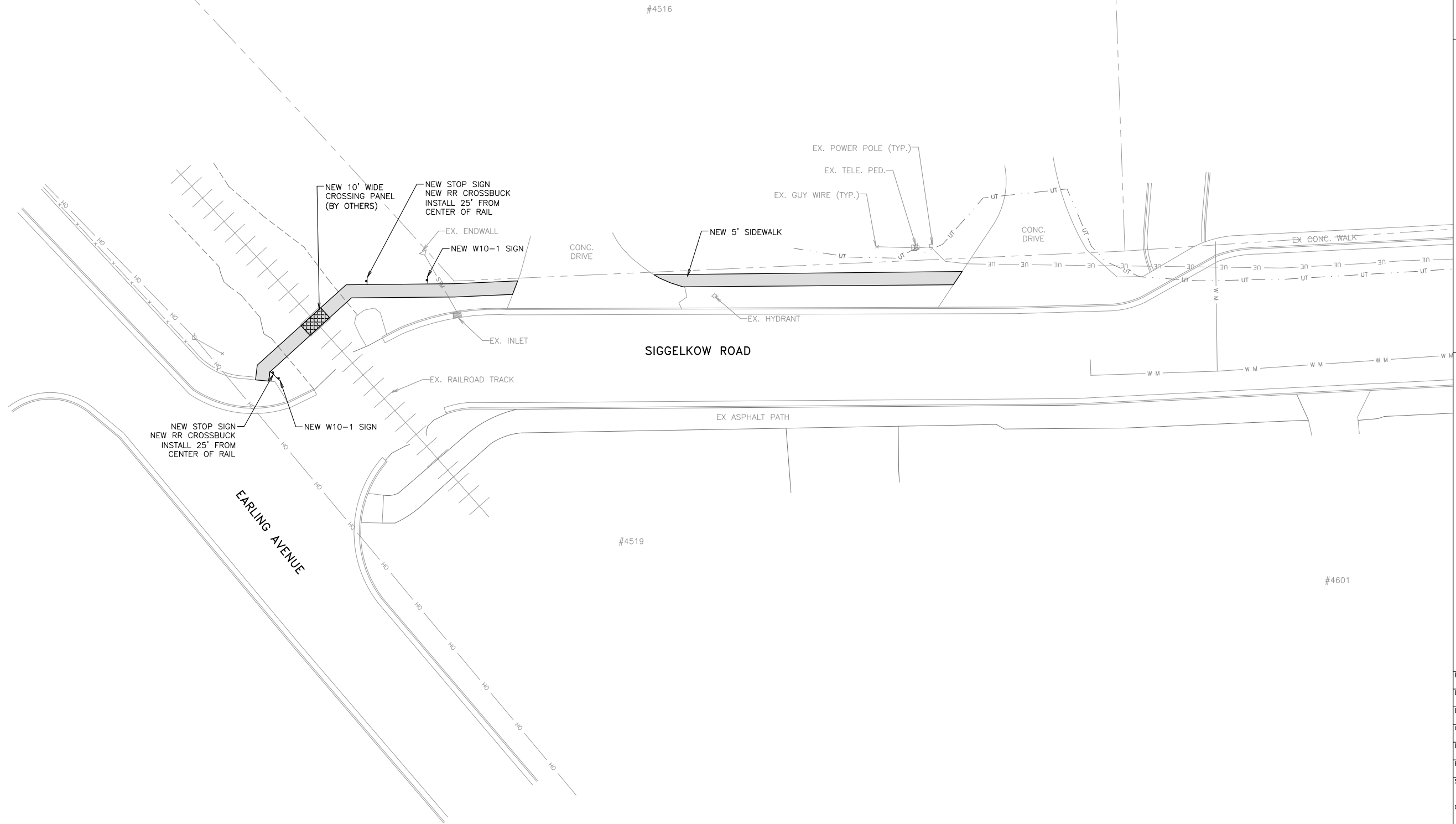
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PLAN & PROFILE  
TERMINAL DRIVE  
Station 27+80 To Station 33+80

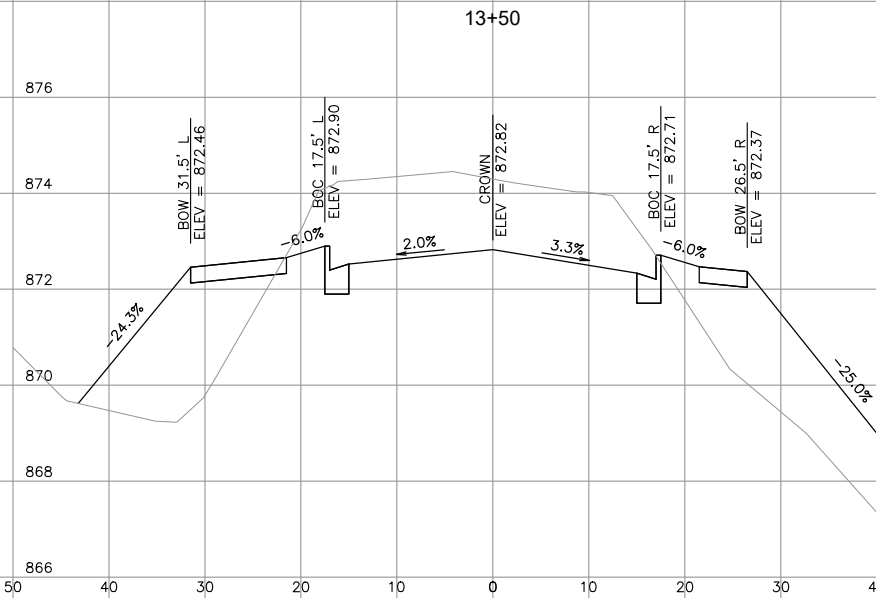
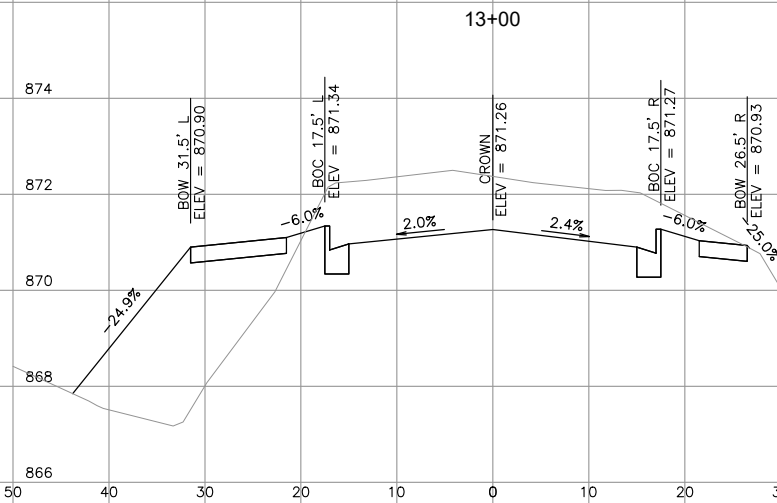
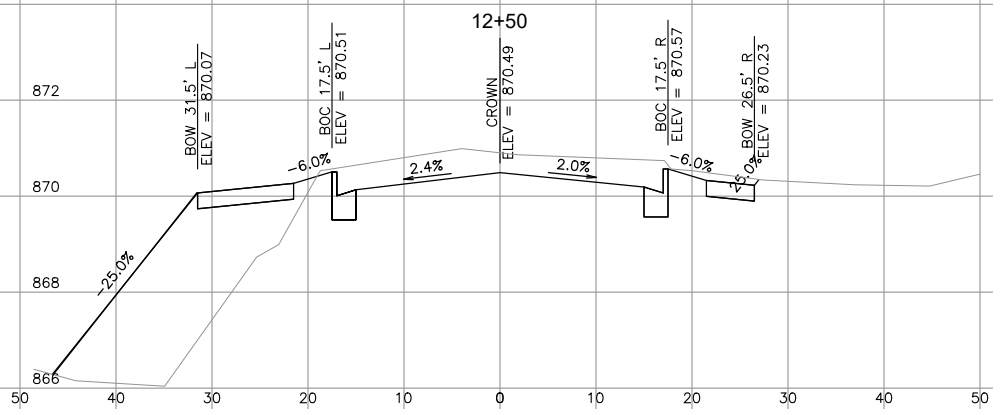
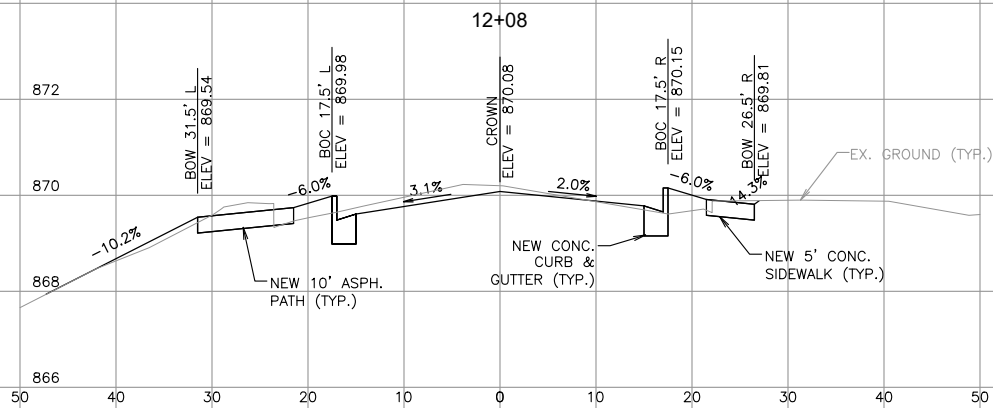
2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.: MC 189  
DRAWING FILE: TERMINAL.DWG  
DRAWN BY: J.R.K.  
CHECKED BY: T.J.S.  
DATE: 2-3-22  
REVISIONS:  
SCALE: HORIZONTAL 1"=40'  
VERTICAL 1"=10'  
SHEET: A8

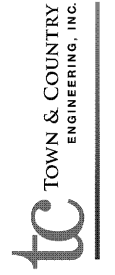




EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
FINISHED CONTOURS ARE DENOTED BY DARKER LINES.  
DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.



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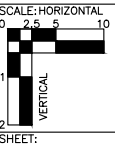


CROSS SECTIONS  
TERMINAL DRIVE  
Station 12+08 To Station 13+50

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

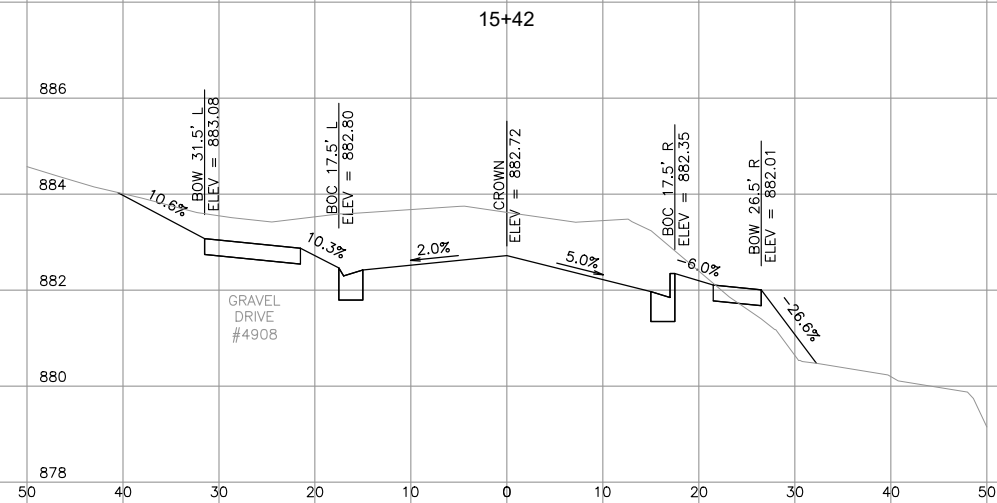
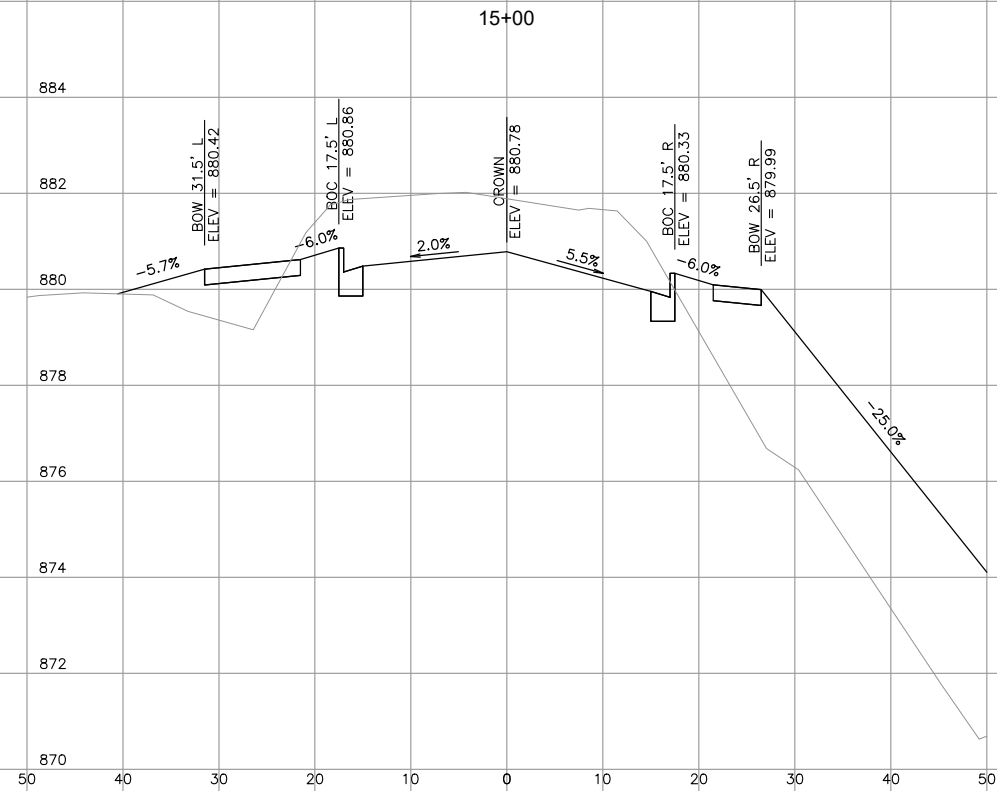
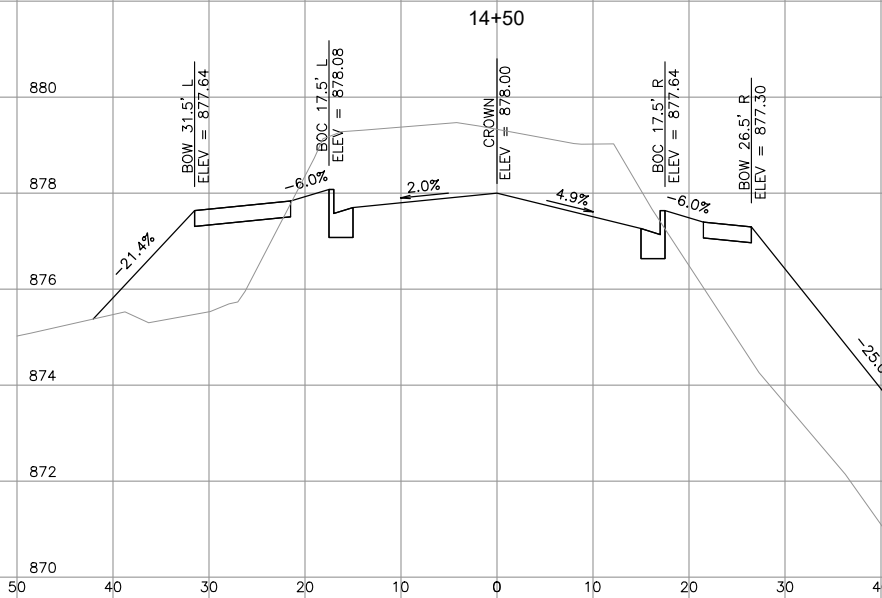
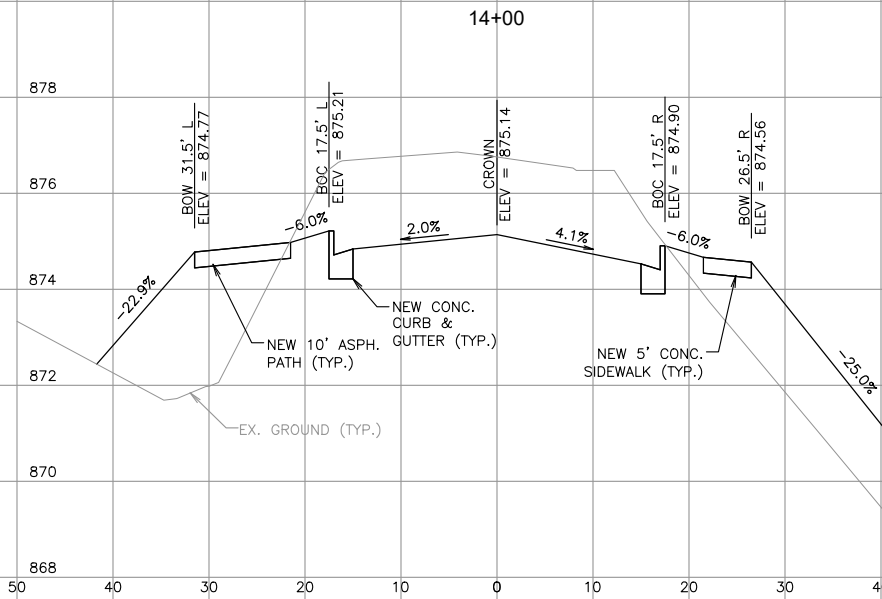
PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.

DATE:  
2-3-22  
REVISIONS:

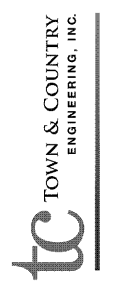


A10

EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
FINISHED CONTOURS ARE DENOTED BY DARKER LINES.  
DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.



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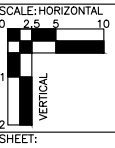


CROSS SECTIONS  
TERMINAL DRIVE  
Station 14+00 To Station 15+42

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.

DATE:  
2-3-22  
REVISIONS:



A11

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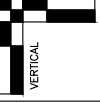
CROSS SECTIONS  
TERMINAL DRIVE  
Station 15+50 To Station 17+53

2022 SIREE | AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

|               |              |
|---------------|--------------|
| PROJECT NO.:  | MC 189       |
| DRAWING FILE: | TERMINAL.DWG |
| DRAWN BY:     | J.R.K.       |
| CHECKED BY:   | T.J.S.       |

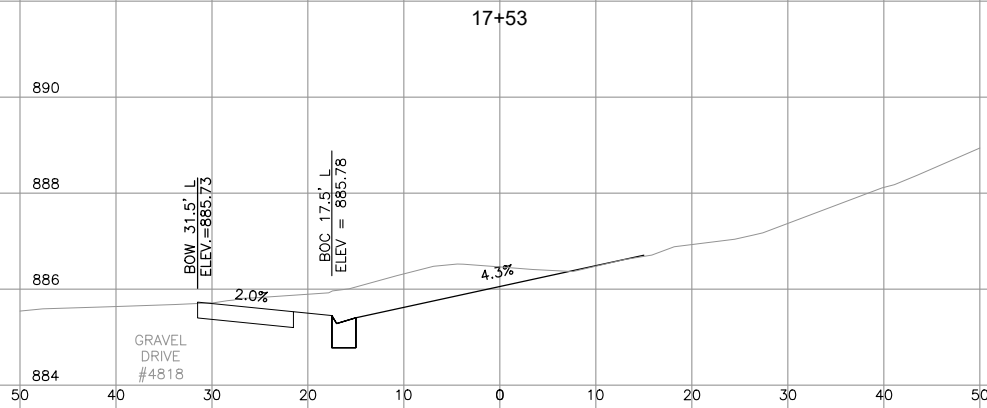
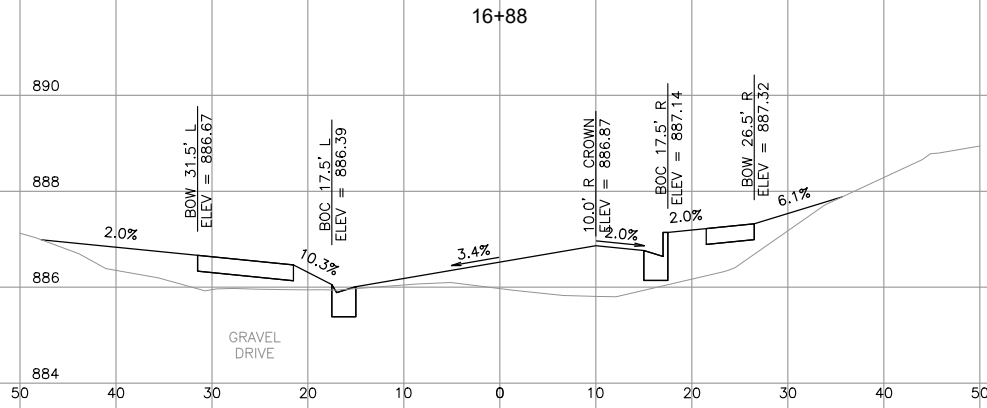
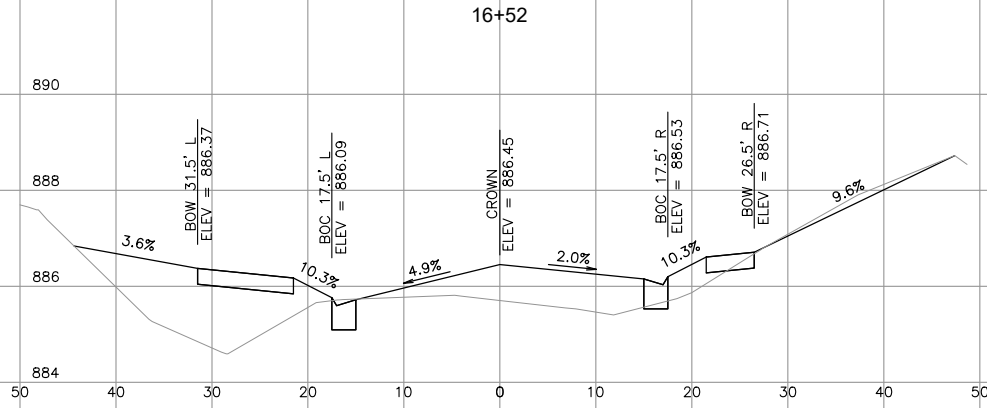
DATE: 2-3-22

SCALE: HORIZONTAL  
2.5 5 10



HEET:

A12



EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
FINISHED CONTOURS ARE DENOTED BY DARKER LINES.  
DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.

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CROSS SECTIONS  
TERMINAL DRIVE  
Station 17+71 To Station 18+77

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.

DATE:  
2-3-22  
REVISIONS:

SCALE: HORIZONTAL  
0 2.5 5 10  
VERTICAL  
1 2  
SHEET:

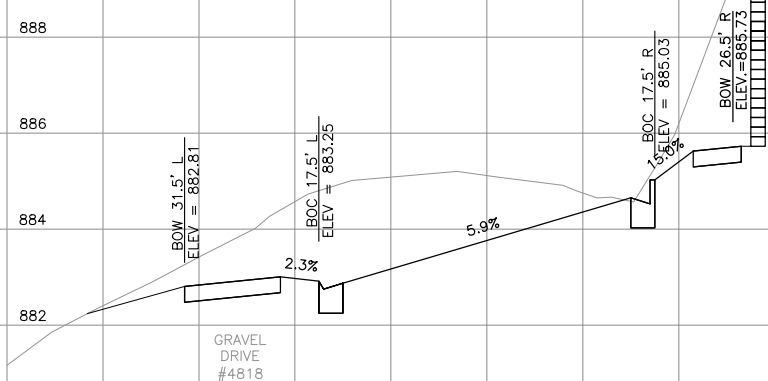
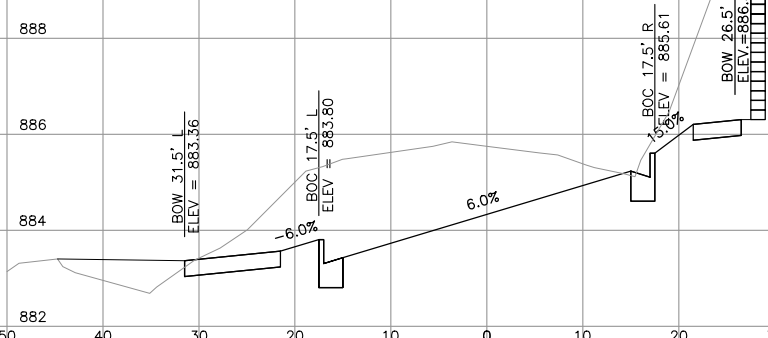
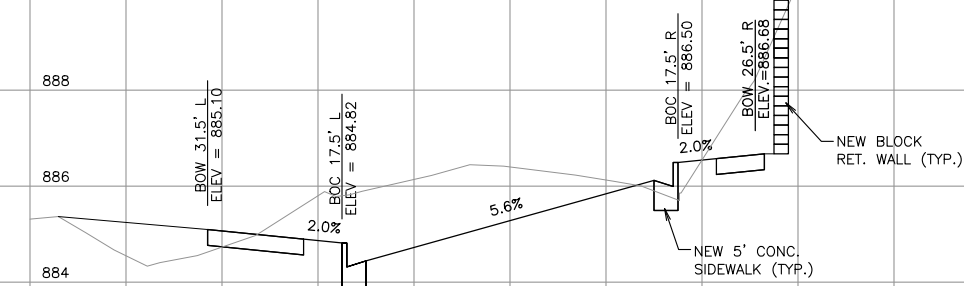
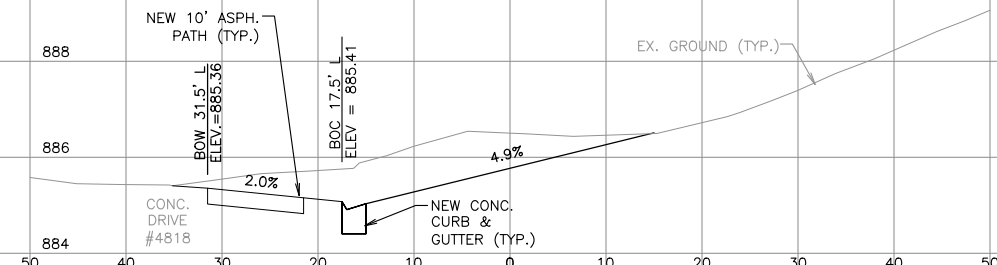
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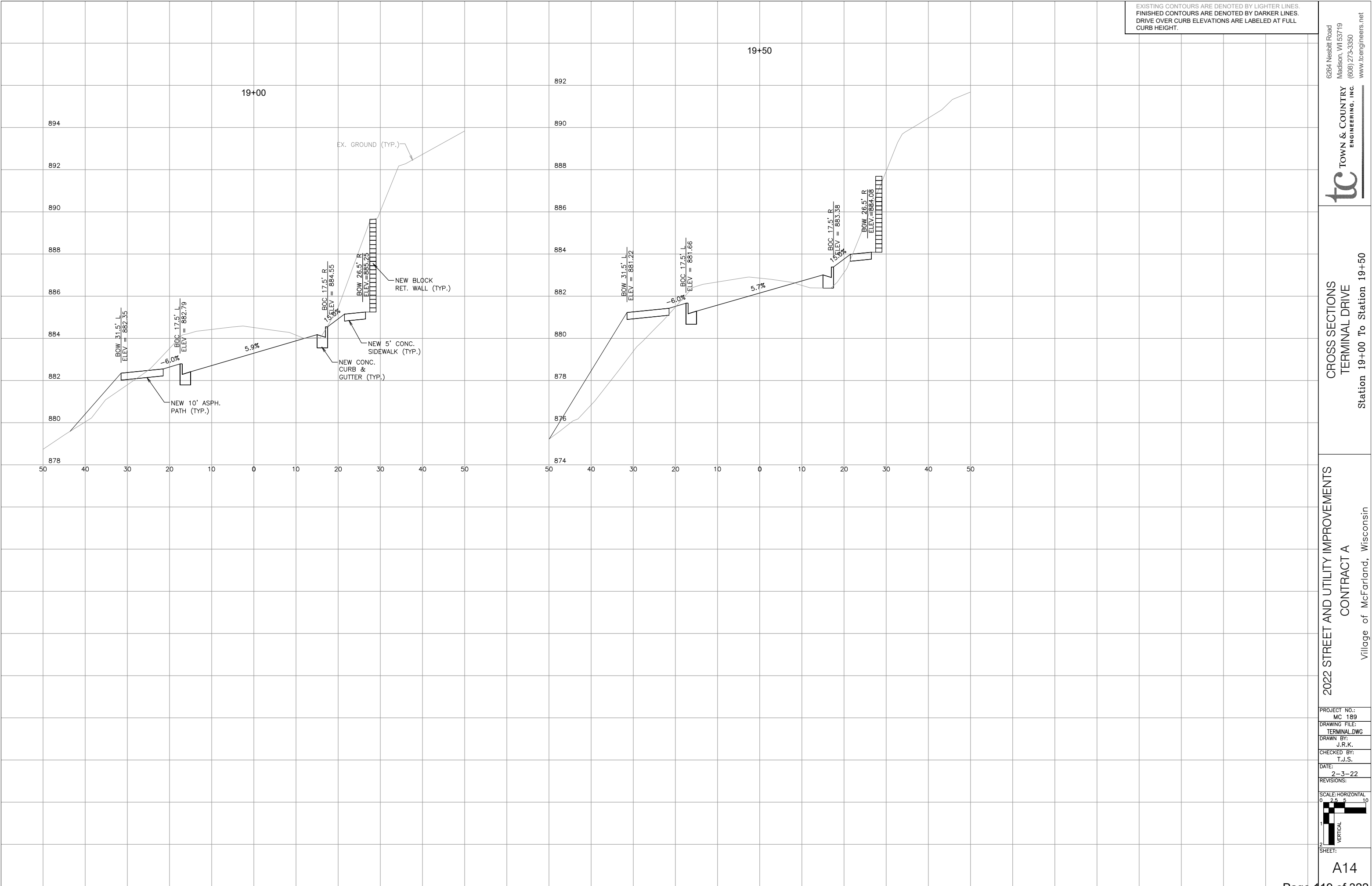
18+50

18+77

17+71

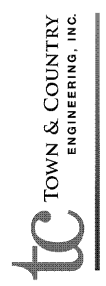
18+00





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DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.

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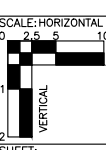


CROSS SECTIONS  
TERMINAL DRIVE  
Station 20+00 To Station 20+84

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

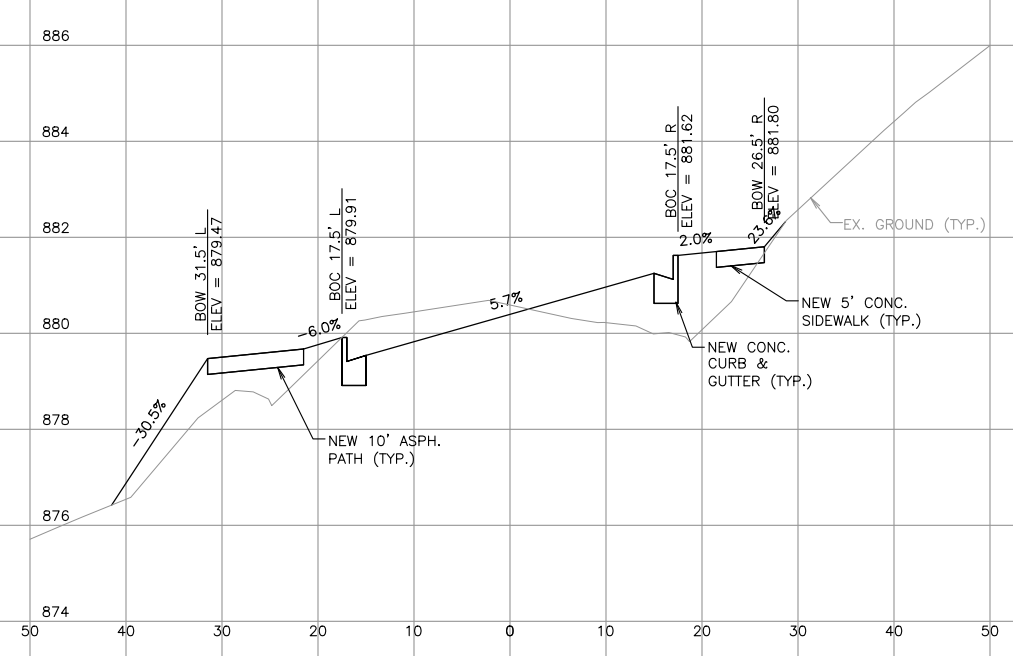
PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.

DATE:  
2-3-22  
REVISIONS:

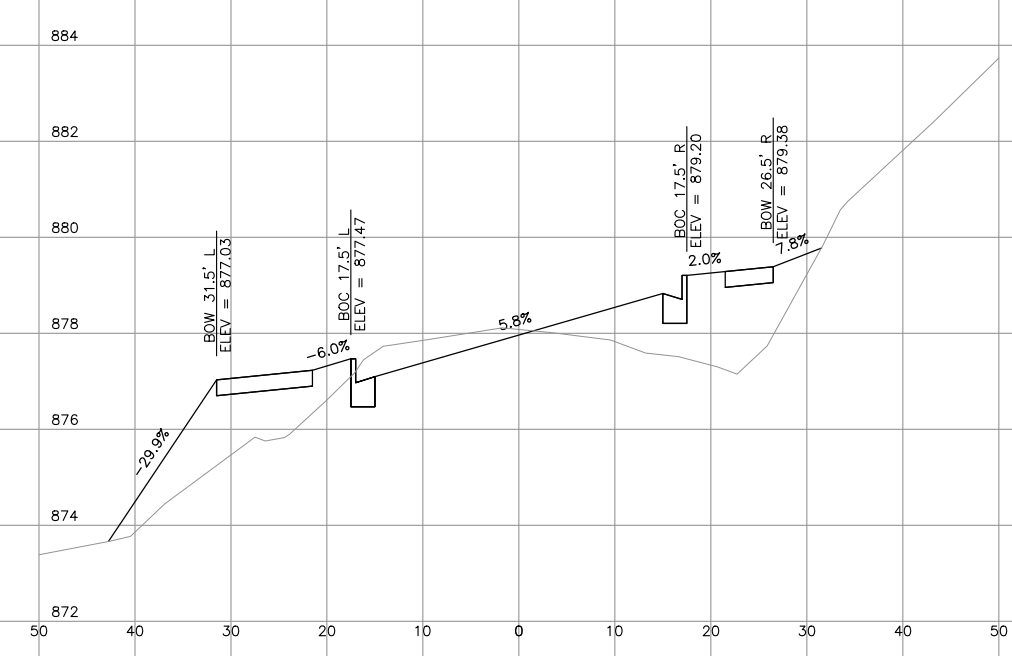


SHEET:  
A15

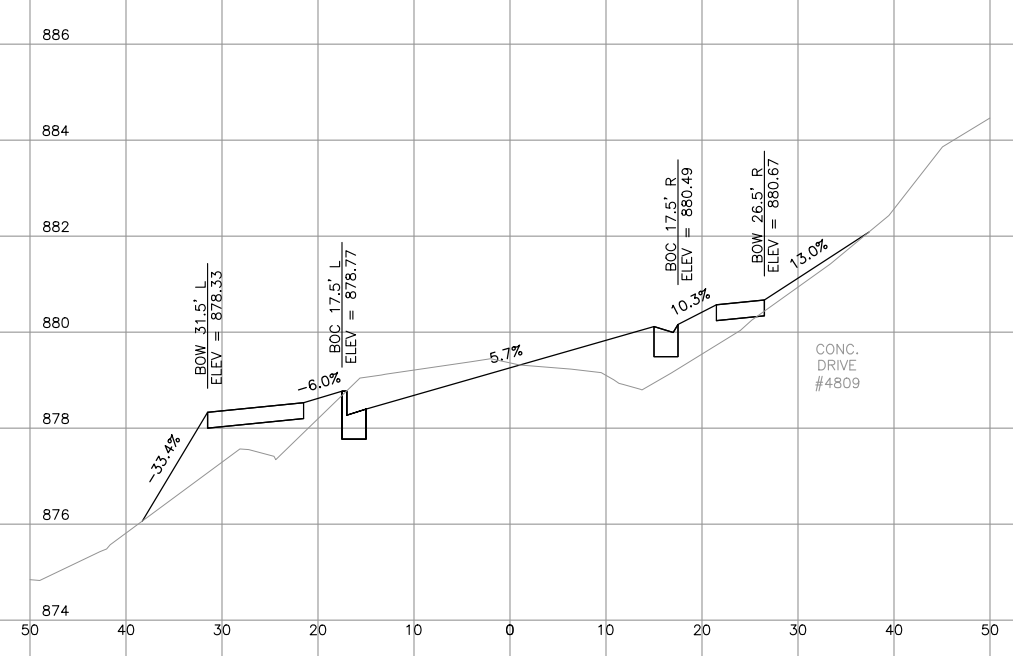
20+00



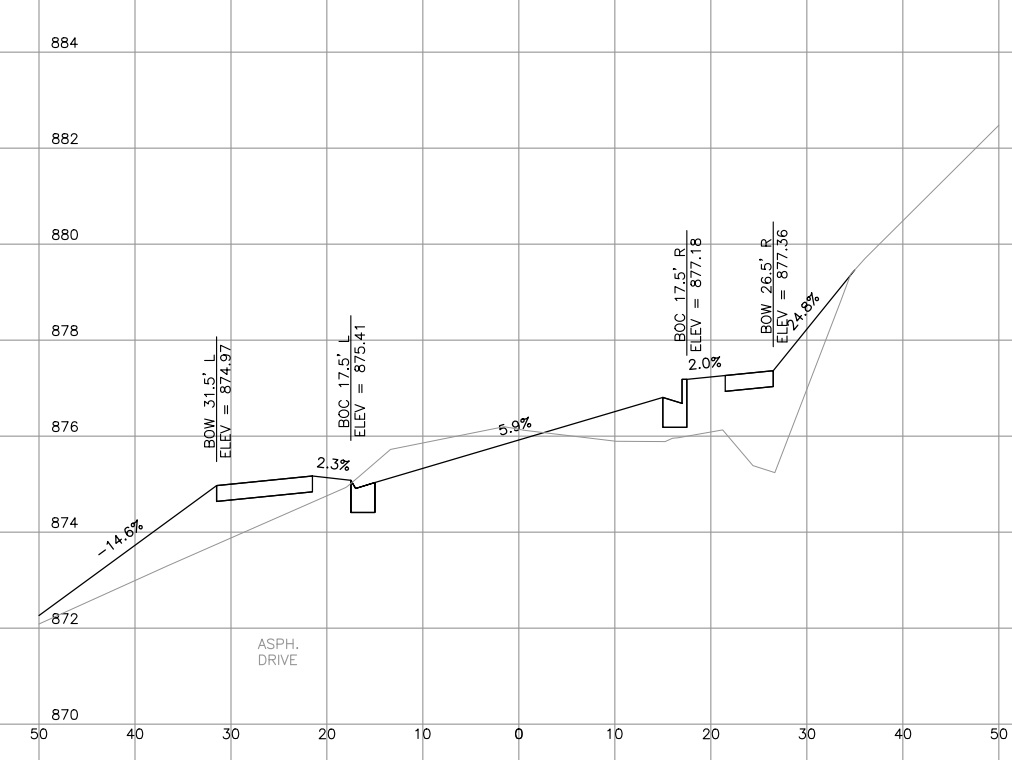
20+50



20+25

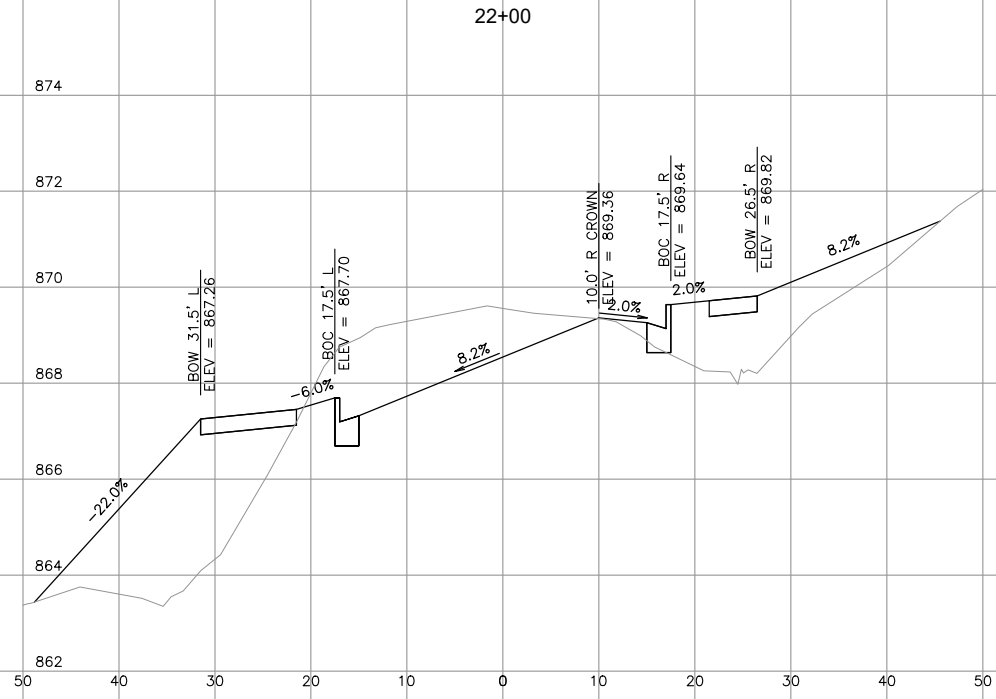
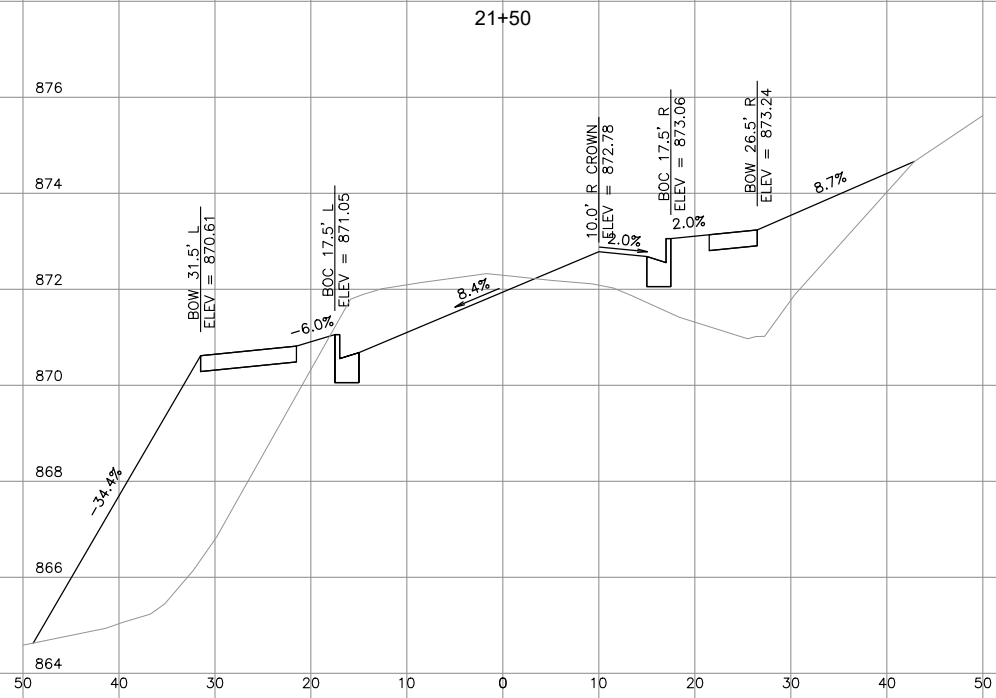
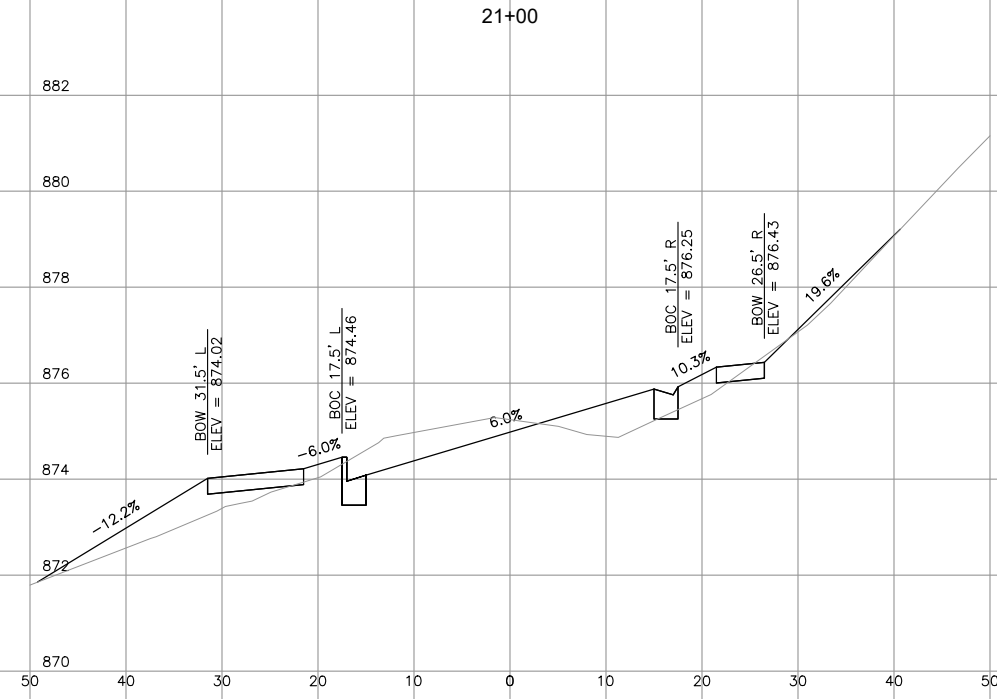
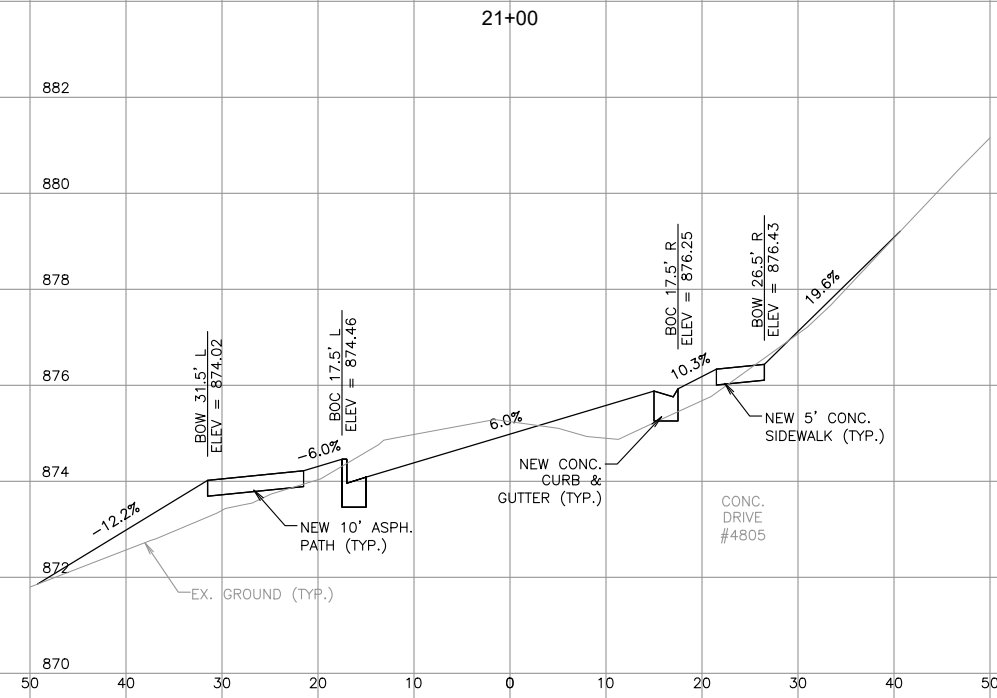


20+84

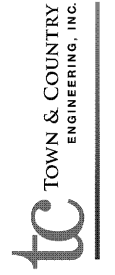




EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
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DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.



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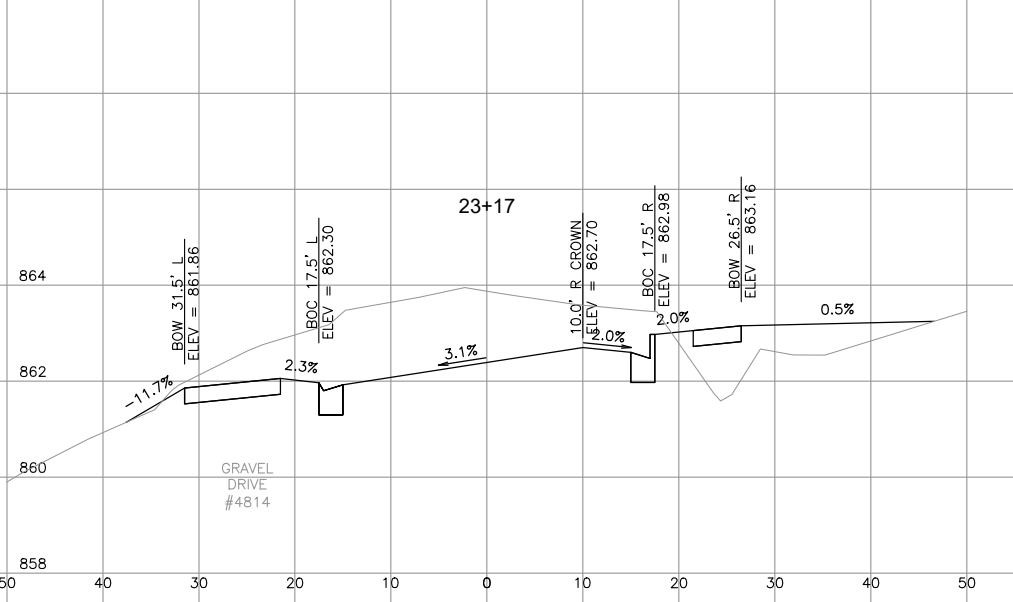
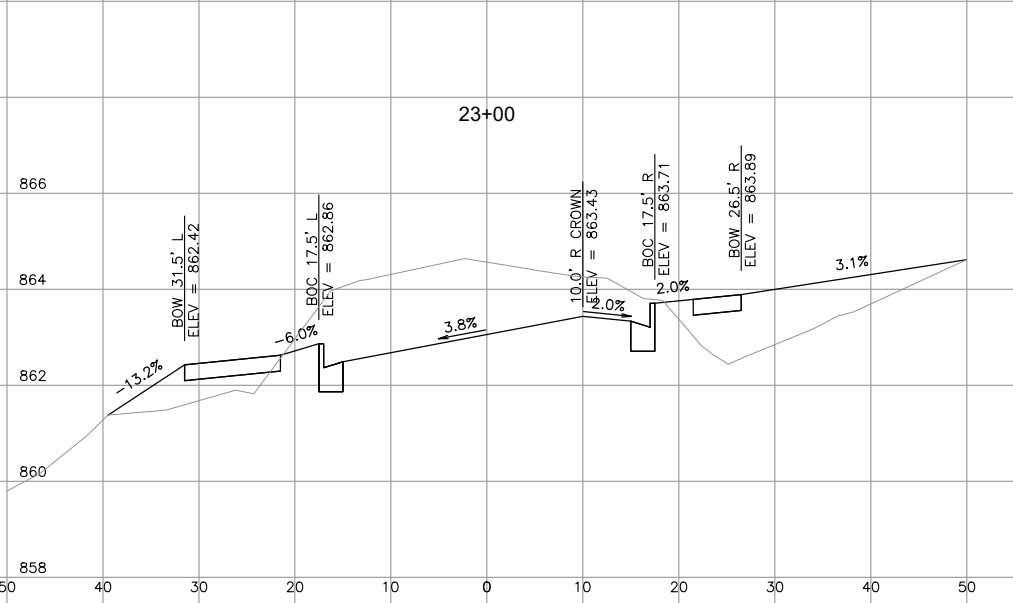
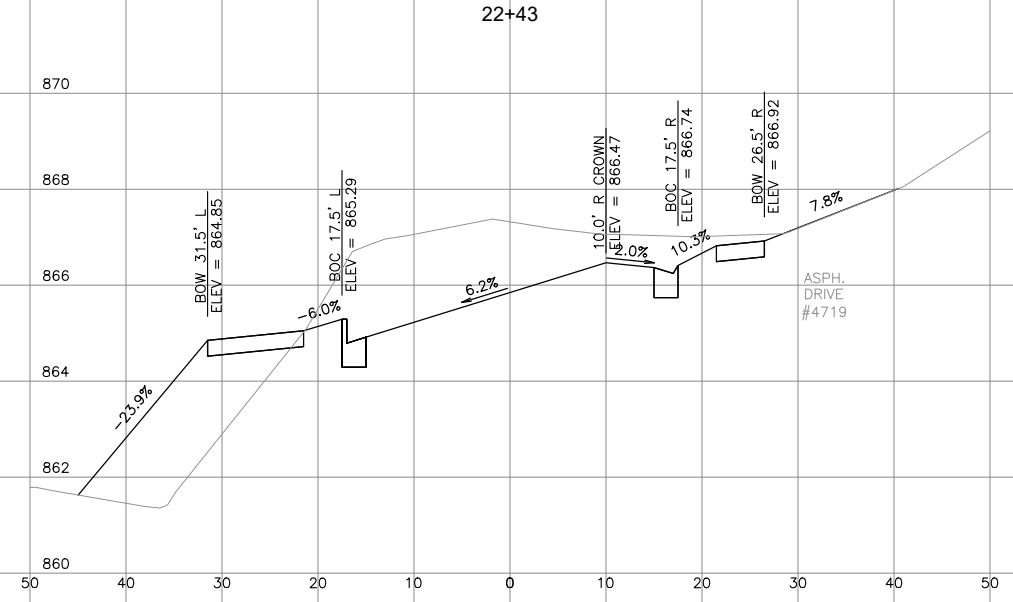
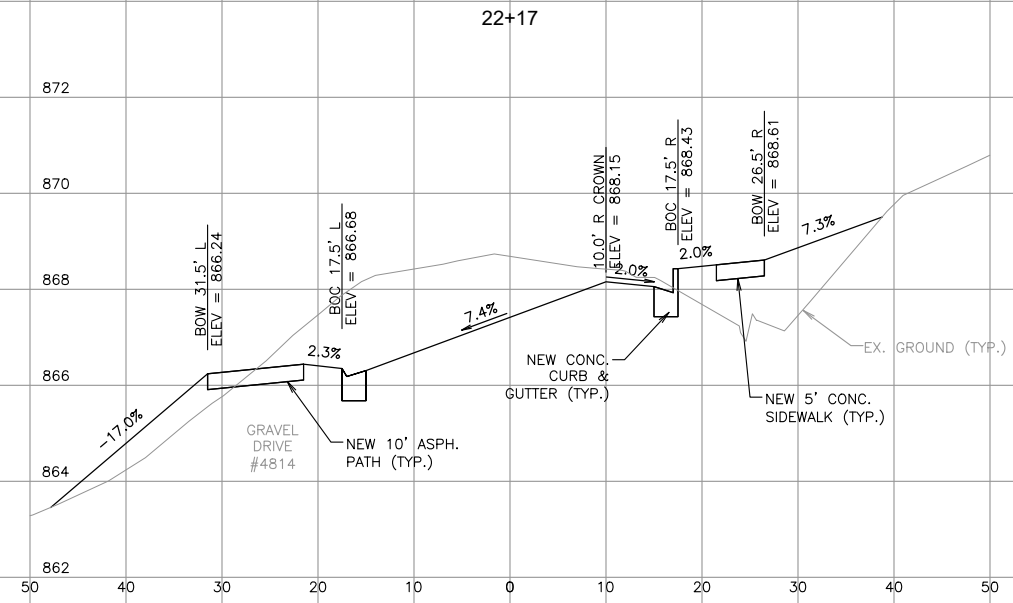


CROSS SECTIONS  
TERMINAL DRIVE  
Station 21+00 To Station 22+00

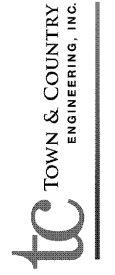
2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

|                   |              |
|-------------------|--------------|
| PROJECT NO.:      | MC 189       |
| DRAWING FILE:     | TERMINAL.DWG |
| DRAWN BY:         | J.R.K.       |
| CHECKED BY:       | T.J.S.       |
| DATE:             | 2-3-22       |
| REVISIONS:        |              |
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| SCALE: VERTICAL   | 1 2          |
| SHEET:            | A16          |

EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
FINISHED CONTOURS ARE DENOTED BY DARKER LINES.  
DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.



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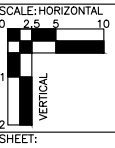


CROSS SECTIONS  
TERMINAL DRIVE  
Station 22+17 To Station 23+17

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

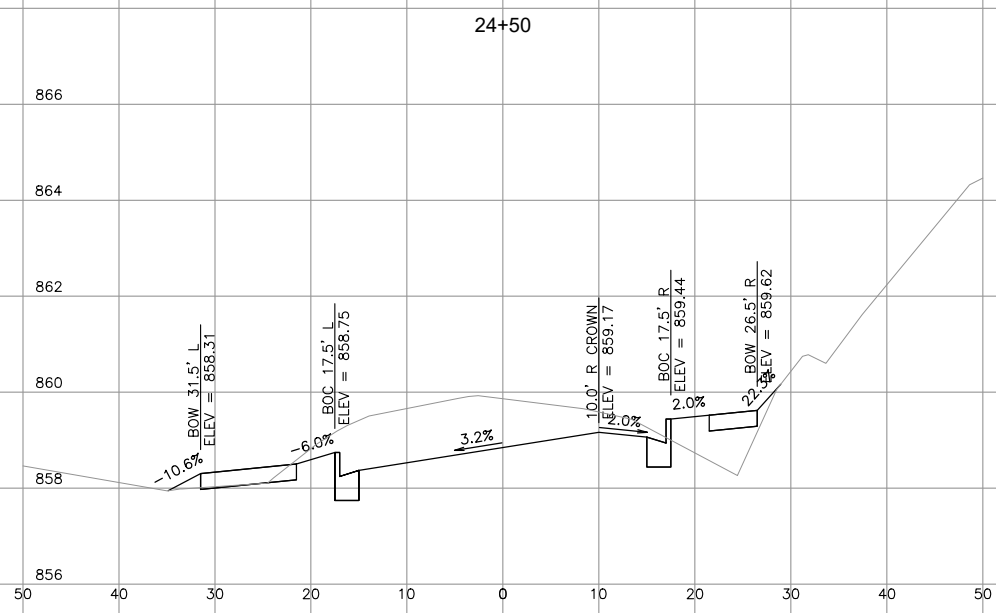
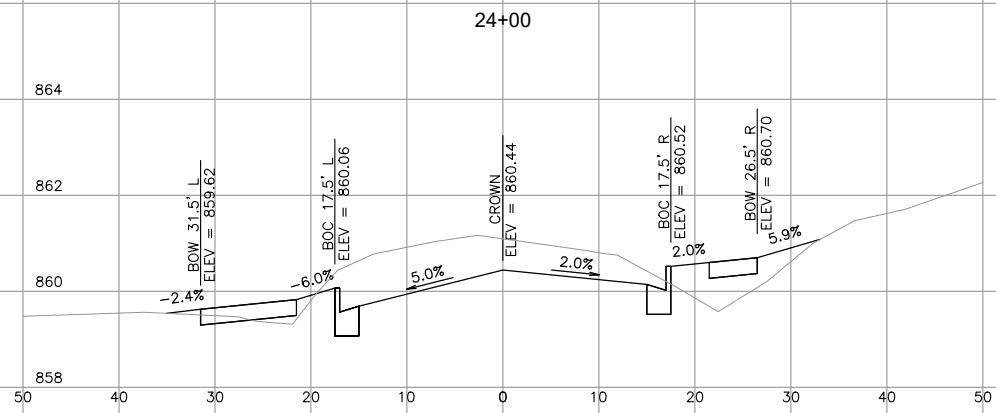
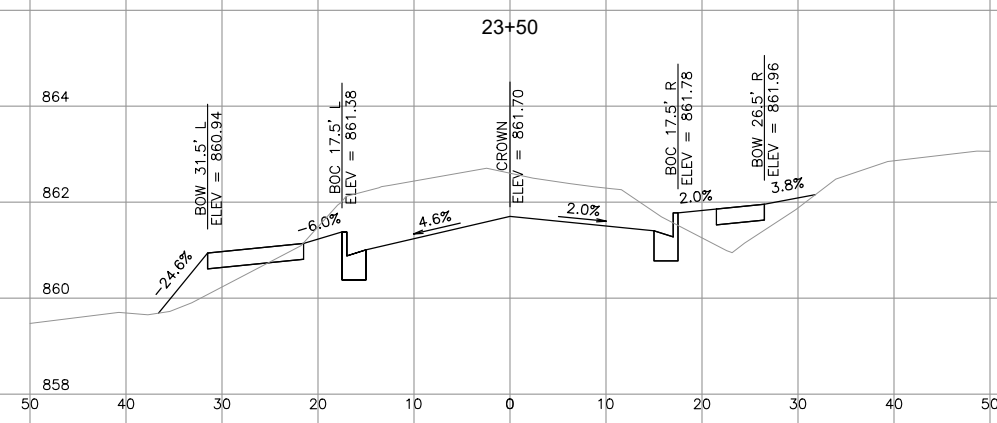
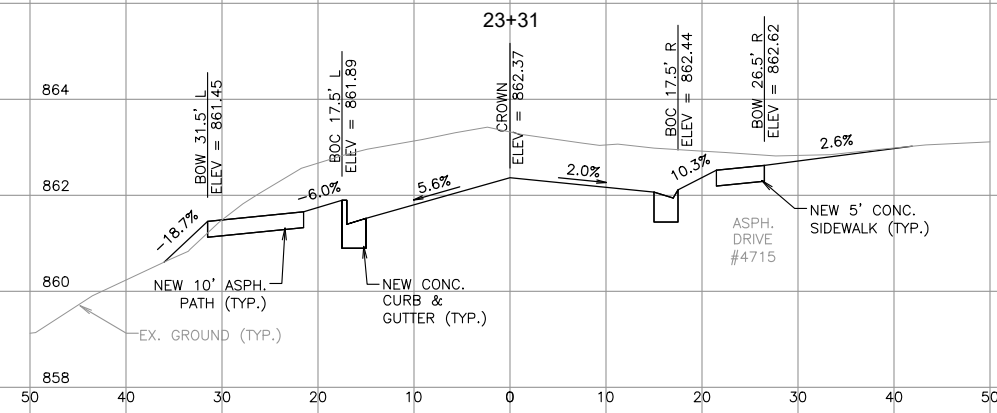
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MC 189  
DRAWING FILE:  
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DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.

DATE:  
2-3-22  
REVISIONS:

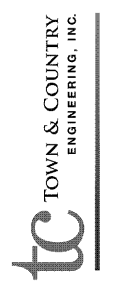


A17

EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
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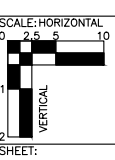


CROSS SECTIONS  
TERMINAL DRIVE  
Station 23+31 To Station 24+50

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.

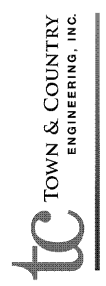
DATE:  
2-3-22  
REVISIONS:



A18

EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
FINISHED CONTOURS ARE DENOTED BY DARKER LINES.  
DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.

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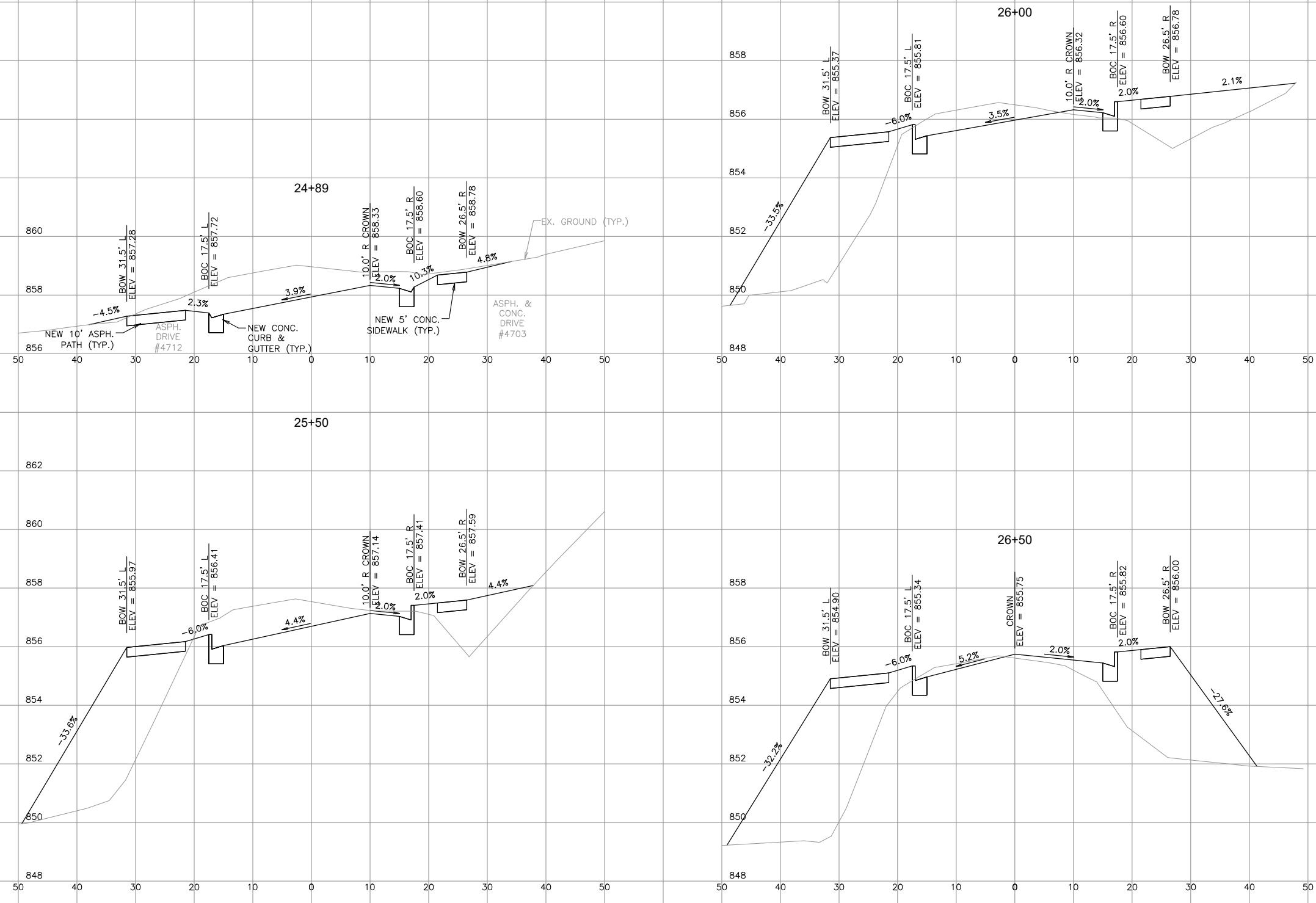


CROSS SECTIONS  
TERMINAL DRIVE  
Station 24+89 To Station 26+50

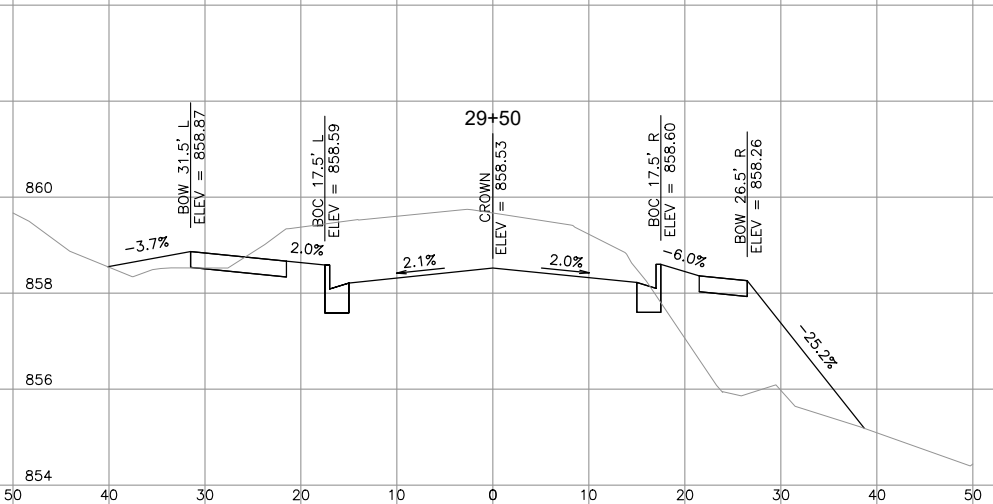
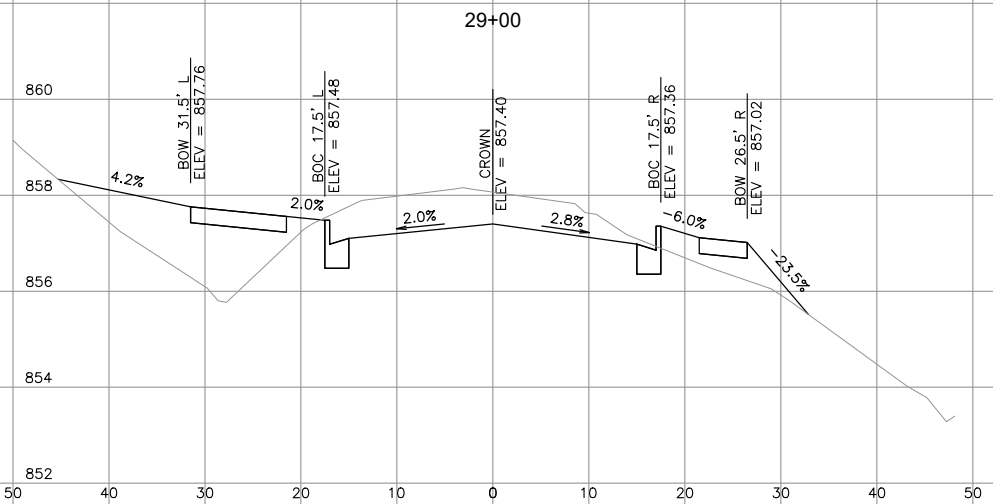
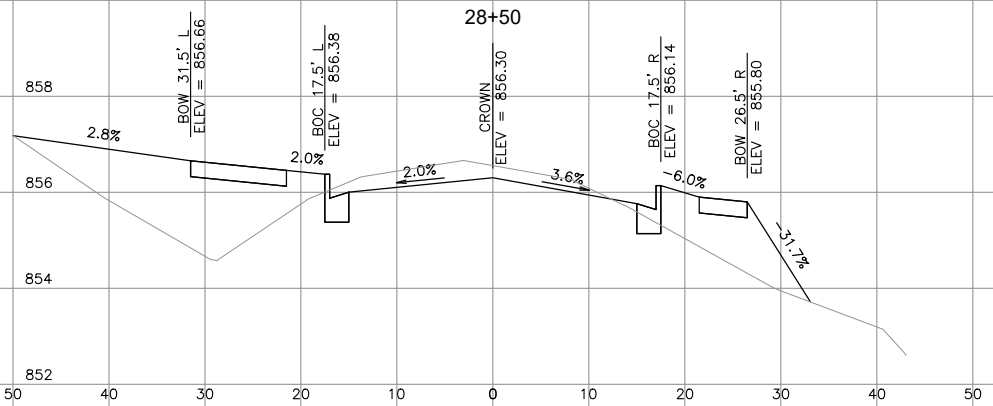
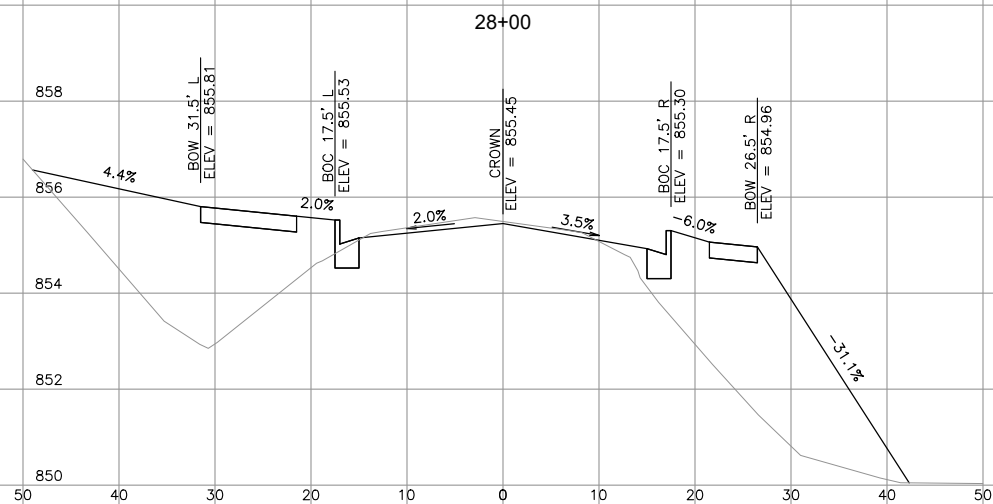
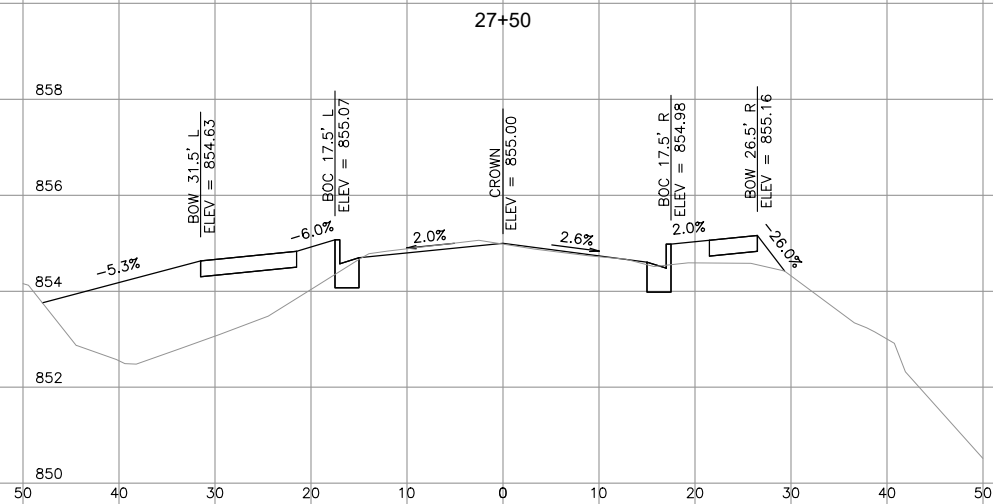
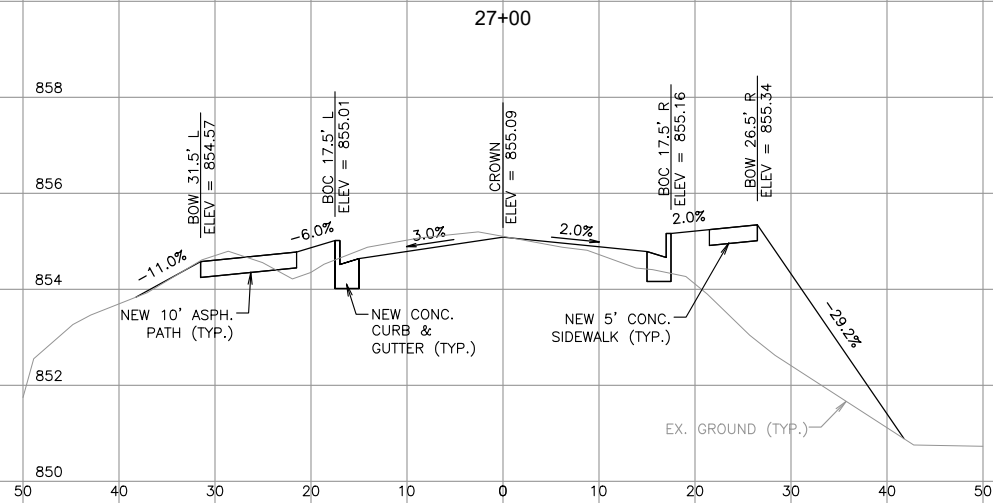
2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.  
DATE:  
2-3-22  
REVISIONS:  
SCALE: HORIZONTAL  
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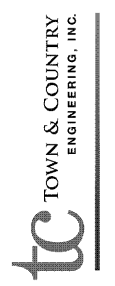
A19



EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
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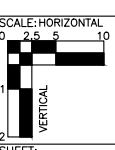


CROSS SECTIONS  
TERMINAL DRIVE  
Station 27+00 To Station 29+50

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

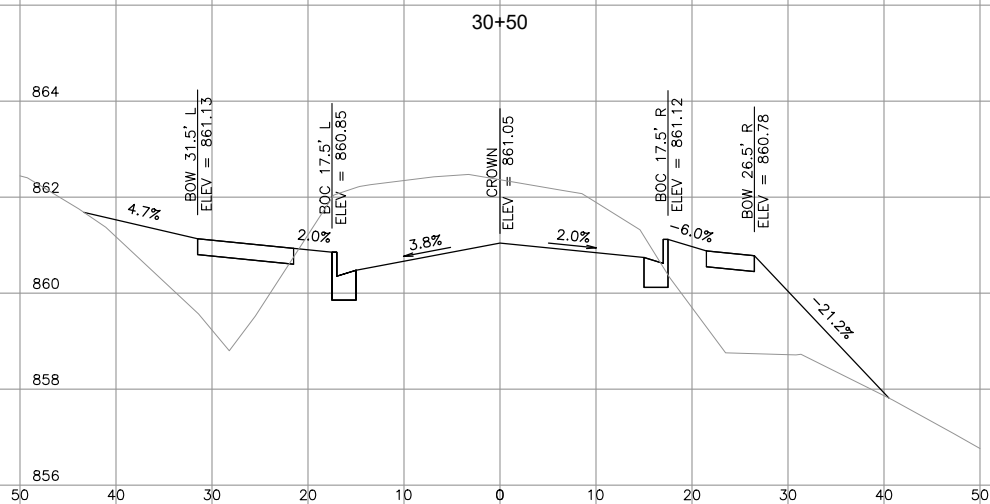
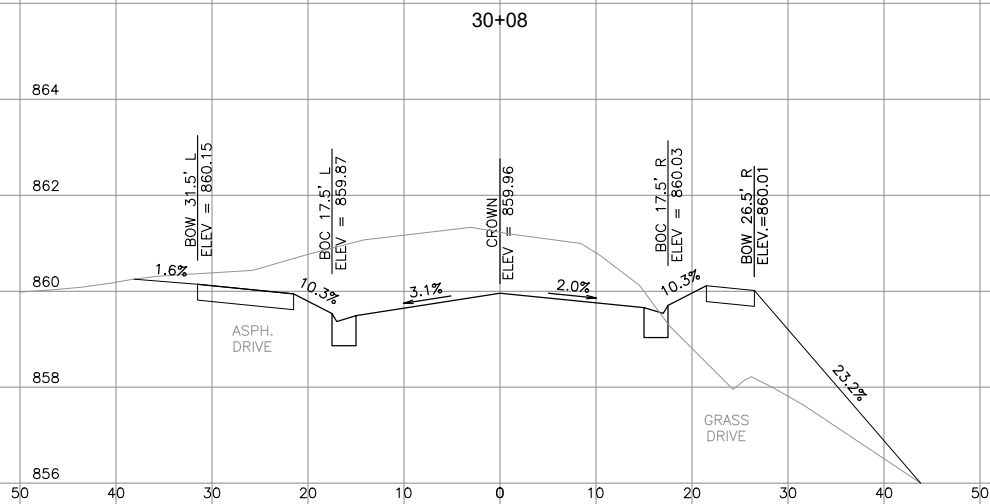
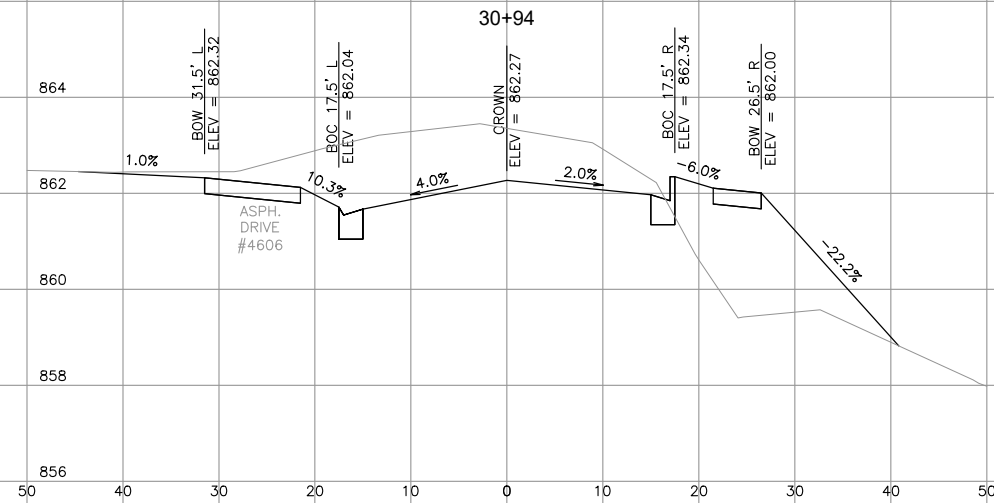
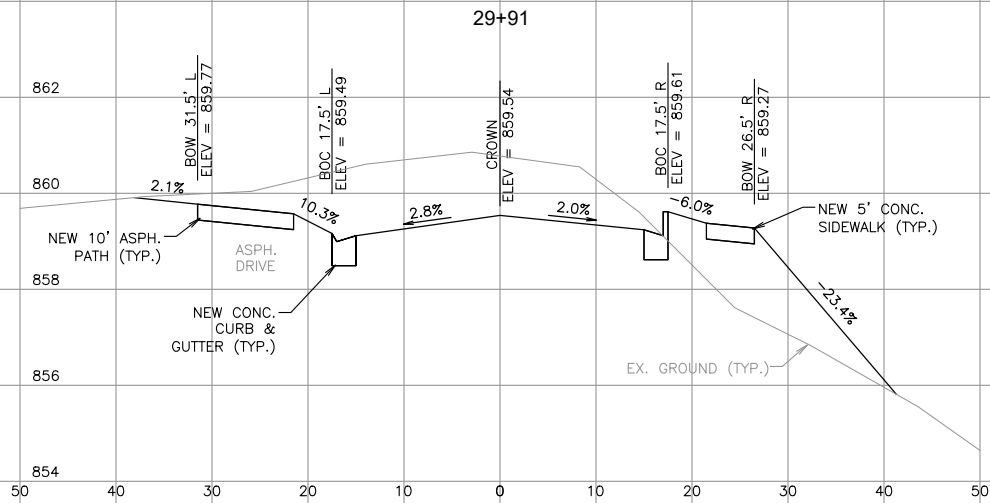
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J.R.K.  
CHECKED BY:  
T.J.S.

DATE:  
2-3-22  
REVISIONS:

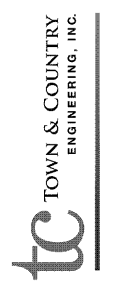


A20

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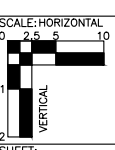


CROSS SECTIONS  
TERMINAL DRIVE  
Station 29+91 To Station 30+94

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.

DATE:  
2-3-22  
REVISIONS:



A21





**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Public Works

**CONTACT:** Jim Hessling, Public Works Director

**AGENDA ITEM:** Discussion and action regarding the award of Contract B for the 2022 Street & Utility Improvements project(s).

**PREVIOUS ACTION:**

The Public Works Committee recommended approval of the design for the project and requested authorization to bid the project at its meeting on December 14, 2021.

The Public Utilities Committee recommended approval of the design for the project and requested authorization to bid the project at its meeting on December 21, 2021.

The Village Board approved the recommendation from Committee in order to approve the design and send the project to bidding at its meeting on January 10, 2022.

Bids were opened on February 17, 2022.

At its joint meeting on March 8, 2022, the Public Works and Public Utilities Committees recommended to award Contract B to Wolf Paving & Excavating of Madison in the amount of \$925,302.80 for the base bid and supplemental bid approving the total project cost of \$1,101,000 including contingency, engineering, and miscellaneous expenses.

**ISSUE SUMMARY:**

The 2022 Street and Utility Improvement Project includes street and water main improvements on Bellevue Court, Card Avenue, Bremer Road, Hidden Farm, and Storck Road. The Public Works and Utilities Committee(s) moved these projects forward for bidding late in 2021 with the Board sending them to bid earlier this year. There were three contracts bid as part of the same process and Contract B is for these listed locations. Town and Country received twenty-two requested sets of plans, specifications and bidding documents from general contractors, subcontractors and material suppliers. Of the twenty-two, two contractors submitted bids. Town and Country Engineering has provided an analysis of the bids received included within the packet and recommends the award of contract to Wolf Paving & Excavating of Madison for the base bid, plus supplemental bid. Additionally, the contractor is qualified in accordance with Village Ordinance. The Project will begin this Summer for completion in early Fall.

**FINANCIAL/BUDGET IMPACT:**

The total budget for this project is \$1,257,500 to be paid for through borrowed money within the Capital Projects Fund and Utilities Fund (Water). The project costs for these bids came in under



what was budgeted as follows:

|           |                      |
|-----------|----------------------|
| 874,998   | Construction         |
| 50,305    | Supplemental         |
| 92,530    | Contingency          |
| 73,725    | Engineering          |
| 8,817     | Miscellaneous        |
| <hr/>     |                      |
| 1,101,000 | Total Estimated Cost |

Contingency and engineering percentages were included at 10% and 8% respectively as is customary. The borrowing was adjusted downward to account for the savings via the bidding process.

**VILLAGE PLAN REFERENCE:**

[Long Range CIP 12.10.2021](#)

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

*Motion, second to award Contract B to Wolf Paving and Excavating of Madison in the amount of \$925,302.80 for the base bid, and supplemental bids approving the total project cost of \$1,101,000 including contingency, engineering, and miscellaneous expenses.*

**ATTACHMENTS:**

1. Bid Tabulation-Contract B-2022 Street and Water Main Improvements
2. Recommendation Ltr- Contract B
3. MC 189- CONTRACT B STREET AND WM

**BID TABULATION**

Project: 2022 Street and Utility Improvements - Contact B- 2022 Street and Water Main Improvements  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                                                   | DESCRIPTION OF WORK                              | BID QUANT. | UNITS    | PRE-BID ESTIMATE UNIT PRICE | AMOUNT        | Wolf Paving & Excavating UNIT PRICE | AMOUNT       | E & N Hughes Co. Inc. UNIT PRICE | AMOUNT        |
|------------------------------------------------------------|--------------------------------------------------|------------|----------|-----------------------------|---------------|-------------------------------------|--------------|----------------------------------|---------------|
| <b>CONTRACT B- 2022 STREET AND WATER MAIN IMPROVEMENTS</b> |                                                  |            |          |                             |               |                                     |              |                                  |               |
| <b>Utility Work</b>                                        |                                                  |            |          |                             |               |                                     |              |                                  |               |
| B1.                                                        | 8" Ductile Iron CL52 Water Main or Hydrant Lead  | 780        | lin. ft. | \$ 120.00                   | \$ 93,600.00  | \$ 103.00                           | \$ 80,340.00 | \$ 119.00                        | \$ 92,820.00  |
| B2.                                                        | 6" Ductile Iron CL52 Water Main or Hydrant Lead  | 39         | lin. ft. | \$ 110.00                   | \$ 4,290.00   | \$ 94.00                            | \$ 3,666.00  | \$ 107.00                        | \$ 4,173.00   |
| B3.                                                        | 8" Gate Valve & Box                              | 11         | each     | \$ 2,200.00                 | \$ 24,200.00  | \$ 2,700.00                         | \$ 29,700.00 | \$ 2,381.00                      | \$ 26,191.00  |
| B4.                                                        | 6" Gate Valve & Box                              | 4          | each     | \$ 1,700.00                 | \$ 6,800.00   | \$ 2,000.00                         | \$ 8,000.00  | \$ 1,670.00                      | \$ 6,680.00   |
| B5.                                                        | Hydrants                                         | 3          | each     | \$ 5,300.00                 | \$ 15,900.00  | \$ 5,300.00                         | \$ 15,900.00 | \$ 6,043.00                      | \$ 18,129.00  |
| B6.                                                        | 1" Corporation Stops                             | 32         | each     | \$ 450.00                   | \$ 14,400.00  | \$ 500.00                           | \$ 16,000.00 | \$ 99.00                         | \$ 3,168.00   |
| B7.                                                        | 1" Curb Stops                                    | 32         | each     | \$ 460.00                   | \$ 14,720.00  | \$ 550.00                           | \$ 17,600.00 | \$ 302.00                        | \$ 9,664.00   |
| B8.                                                        | 1" Copper Water Service Laterals                 | 314        | lin. ft. | \$ 85.00                    | \$ 26,690.00  | \$ 50.00                            | \$ 15,700.00 | \$ 92.00                         | \$ 28,888.00  |
| B9.                                                        | Water Service Lateral Reconnections              | 13         | each     | \$ 300.00                   | \$ 3,900.00   | \$ 500.00                           | \$ 6,500.00  | \$ 717.00                        | \$ 9,321.00   |
| B10.                                                       | Existing Main Reconnections                      | 7          | each     | \$ 2,500.00                 | \$ 17,500.00  | \$ 2,600.00                         | \$ 18,200.00 | \$ 1,750.00                      | \$ 12,250.00  |
| B11.                                                       | Sanitary Manhole Castings                        | 6          | each     | \$ 800.00                   | \$ 4,800.00   | \$ 1,600.00                         | \$ 9,600.00  | \$ 1,170.00                      | \$ 7,020.00   |
| B12.                                                       | 21" RCP Apron Endwalls                           | 2          | each     | \$ 1,500.00                 | \$ 3,000.00   | \$ 1,450.00                         | \$ 2,900.00  | \$ 2,102.00                      | \$ 4,204.00   |
| B13.                                                       | 12" RCP Apron Endwalls                           | 2          | each     | \$ 750.00                   | \$ 1,500.00   | \$ 1,100.00                         | \$ 2,200.00  | \$ 1,295.00                      | \$ 2,590.00   |
| B14.                                                       | Field Connection to Existing Storm Sewer         | 3          | each     | \$ 750.00                   | \$ 2,250.00   | \$ 850.00                           | \$ 2,550.00  | \$ 1,801.00                      | \$ 5,403.00   |
| B15.                                                       | 24" RCP CL III Storm Sewer                       | 7          | lin. ft. | \$ 85.00                    | \$ 595.00     | \$ 86.00                            | \$ 602.00    | \$ 292.00                        | \$ 2,044.00   |
| B16.                                                       | 21" RCP CL III Storm Sewer                       | 54         | lin. ft. | \$ 82.00                    | \$ 4,428.00   | \$ 66.00                            | \$ 3,564.00  | \$ 123.00                        | \$ 6,642.00   |
| B17.                                                       | 18" RCP CL III Storm Sewer                       | 5          | lin. ft. | \$ 70.00                    | \$ 350.00     | \$ 95.00                            | \$ 475.00    | \$ 250.00                        | \$ 1,250.00   |
| B18.                                                       | 12" RCP CL III Storm Sewer                       | 84         | lin. ft. | \$ 62.00                    | \$ 5,208.00   | \$ 53.00                            | \$ 4,452.00  | \$ 80.00                         | \$ 6,720.00   |
| B19.                                                       | Precast Rectangular Curb Catch Basins            | 1          | each     | \$ 2,300.00                 | \$ 2,300.00   | \$ 2,450.00                         | \$ 2,450.00  | \$ 2,420.00                      | \$ 2,420.00   |
| B20.                                                       | Precast Rectangular Curb Inlets                  | 1          | each     | \$ 2,600.00                 | \$ 2,600.00   | \$ 2,250.00                         | \$ 2,250.00  | \$ 2,311.00                      | \$ 2,311.00   |
| B21.                                                       | 60" Storm Catch Basin Manholes                   | 2          | each     | \$ 5,000.00                 | \$ 10,000.00  | \$ 3,500.00                         | \$ 7,000.00  | \$ 5,012.00                      | \$ 10,024.00  |
| B22.                                                       | Card Avenue Water Main Replacement               | 761        | Sta. ft. | \$ 150.00                   | \$ 114,150.00 | \$ 119.00                           | \$ 90,559.00 | \$ 266.00                        | \$ 202,426.00 |
| B23.                                                       | 1" Copper Water Service Laterals- Card Avenue    | 174        | lin. ft. | \$ 110.00                   | \$ 19,140.00  | \$ 51.00                            | \$ 8,874.00  | \$ 143.65                        | \$ 24,995.10  |
| B24.                                                       | Water Service Lateral Reconnections- Card Avenue | 19         | each     | \$ 500.00                   | \$ 9,500.00   | \$ 1,300.00                         | \$ 24,700.00 | \$ 1,005.00                      | \$ 19,095.00  |

**BID TABULATION**

Project: 2022 Street and Utility Improvements - Contact B- 2022 Street and Water Main Improvements  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.           | DESCRIPTION OF WORK                                                | BID QUANT. | UNITS      | PRE-BID ESTIMATE UNIT PRICE | AMOUNT        | Wolf Paving & Excavating UNIT PRICE | AMOUNT        | E & N Hughes Co. Inc. UNIT PRICE | AMOUNT          |
|--------------------|--------------------------------------------------------------------|------------|------------|-----------------------------|---------------|-------------------------------------|---------------|----------------------------------|-----------------|
| <b>Street Work</b> |                                                                    |            |            |                             |               |                                     |               |                                  |                 |
| B25.               | Pulverizing and Grading of Existing Asphalt Pavement               | 7,535      | sq. yd.    | \$ 3.50                     | \$ 26,372.50  | \$ 3.05                             | \$ 22,981.75  | \$ 3.50                          | \$ 26,372.50    |
| B26.               | Excavation to Plan Subgrade                                        | 1          | lump sum   | \$ 125,000.00               | \$ 125,000.00 | \$ 150,000.00                       | \$ 150,000.00 | \$ 127,918.00                    | \$ 127,918.00   |
| B27.               | Truncated Dome Panels                                              | 24         | sq. ft.    | \$ 50.00                    | \$ 1,200.00   | \$ 45.00                            | \$ 1,080.00   | \$ 35.00                         | \$ 840.00       |
| B28.               | 6" Thick Concrete Sidewalk and Aprons                              | 2,368      | sq. ft.    | \$ 5.50                     | \$ 13,024.00  | \$ 7.95                             | \$ 18,825.60  | \$ 7.05                          | \$ 16,694.40    |
| B29.               | New 30" Concrete Curb & Gutter                                     | 771        | lin. ft.   | \$ 15.00                    | \$ 11,565.00  | \$ 19.50                            | \$ 15,034.50  | \$ 19.40                         | \$ 14,957.40    |
| B30.               | Remove and Replace 30" Concrete Curb & Gutter (< 50-foot sections) | 380        | lineal ft. | \$ 40.00                    | \$ 15,200.00  | \$ 40.00                            | \$ 15,200.00  | \$ 36.20                         | \$ 13,756.00    |
| B31.               | 1.5" Hot Mix Asphalt Surface Course, Type 5 LT                     | 553        | ton        | \$ 71.00                    | \$ 39,263.00  | \$ 88.00                            | \$ 48,664.00  | \$ 87.10                         | \$ 48,166.30    |
| B32.               | 1.75" Hot Mix Asphalt Lower Course, Type 4 LT                      | 645        | ton        | \$ 69.00                    | \$ 44,505.00  | \$ 80.00                            | \$ 51,600.00  | \$ 85.20                         | \$ 54,954.00    |
| B33.               | 2" Hot Mix Asphalt Paving, Type 5 LT                               | 428        | ton        | \$ 75.00                    | \$ 32,100.00  | \$ 85.00                            | \$ 36,380.00  | \$ 87.10                         | \$ 37,278.80    |
| B34.               | 2" HMA Asphalt Driveway Paving                                     | 159        | sq. yd.    | \$ 17.50                    | \$ 2,782.50   | \$ 24.00                            | \$ 3,816.00   | \$ 18.40                         | \$ 2,925.60     |
| B35.               | 18" Gravel Shoulder                                                | 785        | lineal ft. | \$ 3.00                     | \$ 2,355.00   | \$ 6.00                             | \$ 4,710.00   | \$ 4.00                          | \$ 3,140.00     |
| B36.               | 0.75" Crushed Aggregate Base Course                                | 4,490      | ton        | \$ 18.00                    | \$ 80,820.00  | \$ 14.00                            | \$ 62,860.00  | \$ 22.35                         | \$ 100,351.50   |
| B37.               | 3" Hot-Mix Asphalt Path (10' Wide)                                 | 811        | sq. yd.    | \$ 18.50                    | \$ 15,003.50  | \$ 15.90                            | \$ 12,894.90  | \$ 15.80                         | \$ 12,813.80    |
| B38.               | 3" Breaker Run                                                     | 1,757      | ton        | \$ 16.00                    | \$ 28,112.00  | \$ 13.50                            | \$ 23,719.50  | \$ 22.30                         | \$ 39,181.10    |
| B39.               | Clean & Tack                                                       | 5,810      | sq. yds.   | \$ 0.30                     | \$ 1,743.00   | \$ 0.25                             | \$ 1,452.50   | \$ 0.20                          | \$ 1,162.00     |
| B40.               | Sawcutting Existing Concrete and Asphalt Pavements                 | 580        | lin. ft.   | \$ 3.00                     | \$ 1,740.00   | \$ 3.50                             | \$ 2,030.00   | \$ 2.25                          | \$ 1,305.00     |
| B41.               | Topsoil Restoration, Seeding, Fertilizing & Mulching or Matting    | 2,128      | sq. yds.   | \$ 6.00                     | \$ 12,768.00  | \$ 4.35                             | \$ 9,256.80   | \$ 12.00                         | \$ 25,536.00    |
| B42.               | Straw Erosion Mat                                                  | 1,195      | sq. yds.   | \$ 4.00                     | \$ 4,780.00   | \$ 1.85                             | \$ 2,210.75   | \$ 2.10                          | \$ 2,509.50     |
| B43.               | Erosion Control                                                    | 1          | lump sum   | \$ 10,000.00                | \$ 10,000.00  | \$ 4,000.00                         | \$ 4,000.00   | \$ 17,170.00                     | \$ 17,170.00    |
| B44.               | Traffic Control                                                    | 1          | lump sum   | \$ 7,000.00                 | \$ 7,000.00   | \$ 14,500.00                        | \$ 14,500.00  | \$ 23,200.00                     | \$ 23,200.00    |
|                    | <b>TOTAL CONTRACT B</b>                                            |            |            |                             | \$ 877,154.50 |                                     | \$ 874,998.30 |                                  | \$ 1,078,660.00 |
|                    |                                                                    |            |            |                             |               |                                     |               |                                  |                 |

**BID TABULATION**

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 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                           | DESCRIPTION OF WORK                                                    | BID QUANT. | UNITS    | PRE-BID ESTIMATE |                | Wolf Paving & Excavating |               | E & N Hughes Co. Inc. |               |
|------------------------------------|------------------------------------------------------------------------|------------|----------|------------------|----------------|--------------------------|---------------|-----------------------|---------------|
|                                    |                                                                        |            |          | UNIT PRICE       | AMOUNT         | UNIT PRICE               | AMOUNT        | UNIT PRICE            | AMOUNT        |
| <b>CONTRACT B ALTERNATE BID</b>    |                                                                        |            |          |                  |                |                          |               |                       |               |
| AB1.                               | Add/Deduct 8" PVC Water Main or Hydrant Lead                           | 780        | lin. ft. | \$ (25.00)       | \$ (19,500.00) | \$ (4.00)                | \$ (3,120.00) | \$ (10.00)            | \$ (7,800.00) |
| AB2.                               | Add/Deduct 6" PVC Water Main or Hydrant Lead                           | 39         | lin. ft. | \$ (30.00)       | \$ (1,170.00)  | \$ (16.00)               | \$ (624.00)   | \$ (8.00)             | \$ (312.00)   |
|                                    | <b>TOTAL CONTRACT B ALTERNATE BID</b>                                  |            |          |                  | \$ (20,670.00) |                          | \$ (3,744.00) |                       | \$ (8,112.00) |
| <b>CONTRACT B SUPPLEMENTAL BID</b> |                                                                        |            |          |                  |                |                          |               |                       |               |
| SB1.                               | Property Corner Replacement                                            | 1          | each     | \$ 350.00        | \$ 350.00      | \$ 900.00                | \$ 900.00     | \$ 750.00             | \$ 750.00     |
| SB2.                               | Excavation and Disposal of Bad Subbase Below Subgrade                  | 971        | cu. yds. | \$ 14.00         | \$ 13,594.00   | \$ 14.50                 | \$ 14,079.50  | \$ 21.85              | \$ 21,216.35  |
| SB3.                               | 3" Breaker Run Replacement of Excavation of Bad Subbase Below Subgrade | 1,950      | tons     | \$ 16.00         | \$ 31,200.00   | \$ 13.50                 | \$ 26,325.00  | \$ 21.30              | \$ 41,535.00  |
| SB4.                               | 3" Pavement Patching                                                   | 250        | sq. yds. | \$ 40.00         | \$ 10,000.00   | \$ 36.00                 | \$ 9,000.00   | \$ 62.00              | \$ 15,500.00  |
|                                    | <b>TOTAL CONTRACT B SUPPLEMENTAL BID</b>                               |            |          |                  | \$ 55,144.00   |                          | \$ 50,304.50  |                       | \$ 79,001.35  |

February 23, 2022

Village of McFarland  
5915 Milwaukee Street, P.O. Box 110  
McFarland, WI 53558

Attention: Mr. Matthew Schuenke, Administrator

Subject: Analysis of Bids and Recommendation for Award of Contracts; 2022 Street and Utility Improvements – Contract B

Bid Deadline: February 17, 2022, at 10:00 local time

Ladies and Gentlemen:

The purpose of this letter is to analyze the bids received for Contract B of the 2022 Street and Utility Improvements project and to recommend award of a contract.

Contract B involves the following:

- Area 1 – Card Avenue from Larson Street to Bellvue Court and Bellvue Court from Card Avenue to Bremer Road. The work in Area 1 consists of water main replacement, water lateral replacement, concrete pavement removal, and asphalt paving.
- Area 2 – Bremer Road from Lake Edge Road to 200 feet north of Lake Edge Road and Larson Beach Road from Lake Edge Road to 400 feet east of Lake Edge Road. The work in Area 2 consists of water main replacement, water lateral replacement, and asphalt paving.
- Area 3 – Hidden Farm Road from Elvehjem Road to 800 feet south of Elvehjem Road. The work in Area 3 consists of rural to urban conversion street reconstruction. It includes curb and gutter installation, new path installation, storm sewer installation, and asphalt paving.
- Area 4 – Strock Road from Siggelkow Road to 2,200 feet north of Siggelkow Road. The work in Area 4 consists of a repaving of Storck Road.

The pre-bid estimate for the base bid was \$877,154.50. Twenty-two general contractors, subcontractors, and material suppliers requested sets of the plans, specifications and bidding documents. Two contractors submitted bids.

A summary of Contract B bids is as follows:

| Contractor               | Base Bid       | Alternate Bid Total | Supplemental Bid Total |
|--------------------------|----------------|---------------------|------------------------|
| Wolf Paving & Excavating | \$874,998.30   | \$(3,744.00)        | \$50,304.50            |
| E & N Hughes Co. Inc.    | \$1,078,660.00 | \$(8,112.00)        | \$79,001.35            |

All of the bids were properly submitted.



The alternate bid includes items for the use of PVC water main or hydrant lead in place of the ductile iron water main that is included in the base bid. Since the Village standard for water main is ductile iron and there is little cost savings, we do not recommend award of the alternate bid.

The supplemental bid includes items for property corner replacement, excavation and disposal of bad subbase below subgrade, breaker run replacement and pavement patching. We do recommend award of the supplemental bid.

The low bidder, using any combination of bid awards, is Wolf Paving & Excavating of Madison, Inc. an experienced paving contractor that has completed similar paving projects for the Village of Waunakee and City of Jefferson. The bid prices are in line with the original budget. We recommend that Wolf Paving & Excavating of Madison, Inc. be awarded Contract B for the base bid, plus the supplemental bid, if the budgets allow, for a total of \$925,302.80.

This will be a unit price contract. That is, the contractors will be paid for the work actually performed on the basis on the unit prices bid. This means that the final line item costs could be either greater than or less than the bid totals. Also, unexpected conditions are sometimes encountered which result in increased project costs. Therefore, it would be wise to continue to carry the recommended 10% contingency.

If you have any questions with respect to our thoughts on this matter, I am available at your convenience to discuss them with you.

Very truly yours,  
TOWN & COUNTRY ENGINEERING, INC.



Tim Stieve, P.E.  
Project Engineer

TS:sai

J:\JOB#S\McFarland\MC-189-M4 2022 Street and Utility Improvements\Bidding\Recommendation Ltr.docx

# 2022 STREET AND UTILITY IMPROVEMENTS

Village of McFarland, Wisconsin

## CONTRACT B PLAN SET



NO SCALE



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS. STATUTE 182.0175 (1974)  
REQUIRES MIN. OF 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE.

### LEGEND

|                         |                                      |
|-------------------------|--------------------------------------|
| UNDERGROUND TELE.       | UT                                   |
| UNDERGROUND CATV.       | UCATV                                |
| UNDERGROUND ELEC.       | UE                                   |
| OVERHEAD                | OH                                   |
| EXISTING GAS            | G                                    |
| PROPERTY LINE           | WM                                   |
| EXISTING WATER MAIN     | WM                                   |
| EXISTING SANITARY SEWER | SAN                                  |
| EXISTING STORM SEWER    | STM                                  |
| EXISTING FENCE LINE     | X                                    |
| SAWCUT                  | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| NEW STORM SEWER         | =====                                |
| NEW WATER MAIN          | =====                                |
| NEW SANITARY SEWER      | =====                                |

|                  |                |            |                                   |                 |                |             |
|------------------|----------------|------------|-----------------------------------|-----------------|----------------|-------------|
| NEW ITEMS:       | CS             | HYDRANT    | MANHOLE                           | CURB INLET      | ENDWALL        | GAS WARNING |
| WATER VALVE      | CURB STOP      |            |                                   |                 |                |             |
| EXISTING ITEMS:  | MAILBOX        | POWER POLE | LIGHT POLE                        | LAMP POST       | PULL BOX       |             |
| FLAG POLE        |                |            |                                   |                 |                |             |
| WATER VALVE      | CURB STOP      | HYDRANT    | WELL                              | MONITORING WELL | TRACER WIRE    |             |
|                  |                |            |                                   |                 |                |             |
| SANITARY MANHOLE | SANITARY VALVE | CLEANOUT   | STORM MANHOLE                     | CURB INLET      | CIRCULAR INLET |             |
|                  |                |            |                                   |                 |                |             |
| SQUARE INLET     | ENDWALL        | STUMP      | DECID. TREE (RELATIVE SIZE SHOWN) | EVERGREEN       | SHRUB OR HEDGE | SIGN        |
|                  |                |            |                                   |                 |                |             |
| CATV. PED.       | TELE. PED.     | ELEC. PED. | GAS VALVE                         | STREET SIGN     | IRON PIPE      | IRON ROD    |
|                  |                |            |                                   |                 |                |             |

NOTES: 1.) EXISTING FEATURES AND LABELS ARE SHOWN WITH SCREENED, LIGHTER LINES.  
2.) NEW CONCRETE IS SHOWN SHADED IN PLAN VIEWS  
3.) CONCRETE REMOVALS ARE SHOWN BY CROSS-HATCHING

| DATE | BY | REVISIONS | SHEET |
|------|----|-----------|-------|
|      |    |           |       |
|      |    |           |       |
|      |    |           |       |
|      |    |           |       |

|               |                      |
|---------------|----------------------|
| PROJECT NO.:  | MC 189               |
| DRAWING FILE: | TERMINAL DETAILS.DWG |
| DRAWN BY:     | J.R.K.               |
| CHECKED BY:   | T.J.S.               |
| REV. DATE:    | 2-3-22               |

| SHEET INDEX – GENERAL |                                                     |
|-----------------------|-----------------------------------------------------|
| SHEET NO.             | SHEET DESCRIPTION                                   |
| 1                     | INDEX                                               |
| 2                     | EROSION CONTROL PLAN AND GENERAL NOTES              |
| 3                     | EROSION CONTROL PLAN                                |
| 4                     | EROSION CONTROL – STANDARD CONSTRUCTION DETAILS     |
| 5                     | SANITARY SEWER – STANDARD CONSTRUCTION DETAILS      |
| 6                     | WATER MAIN – STANDARD CONSTRUCTION DETAILS          |
| 7                     | STORM SEWER – STANDARD CONSTRUCTION DETAILS         |
| 8                     | STREET IMPROVEMENTS – STANDARD CONSTRUCTION DETAILS |

| SHEET INDEX – CONTRACT A                    |                                                                |
|---------------------------------------------|----------------------------------------------------------------|
| SHEET NO.                                   | SHEET DESCRIPTION                                              |
| SANITARY SEWER, WATER MAIN, AND STORM SEWER |                                                                |
| A1                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 10+00 TO STATION 16+00 |
| A2                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 15+60 TO STATION 21+60 |
| A3                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 21+20 TO STATION 27+20 |
| A4                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 26+80 TO STATION 32+80 |
| CURB & GUTTER AND STREET CONSTRUCTION       |                                                                |
| A5                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 10+00 TO STATION 16+00 |
| A6                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 15+60 TO STATION 21+60 |
| A7                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 21+20 TO STATION 27+20 |
| A8                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 26+80 TO STATION 32+80 |
| A9                                          | PLAN – SIGGELKOW ROAD SIDEWALK                                 |
| A10                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 12+08 TO STATION 13+50 |
| A11                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 14+00 TO STATION 15+42 |
| A12                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 15+50 TO STATION 17+53 |
| A13                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 17+71 TO STATION 18+77 |
| A14                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 19+00 TO STATION 19+50 |
| A15                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 20+00 TO STATION 20+84 |
| A16                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 21+00 TO STATION 22+00 |
| A17                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 22+17 TO STATION 23+17 |
| A18                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 23+31 TO STATION 24+50 |
| A19                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 24+89 TO STATION 26+50 |
| A20                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 27+00 TO STATION 29+50 |
| A21                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 29+91 TO STATION 30+94 |

| SHEET INDEX – CONTRACT B |                                                                      |
|--------------------------|----------------------------------------------------------------------|
| SHEET NO.                | SHEET DESCRIPTION                                                    |
| B1                       | PLAN & PROFILE – HIDDEN FARM ROAD STATION 70+00 TO STATION 76+00     |
| B2                       | PLAN & PROFILE – HIDDEN FARM ROAD STATION 75+60 TO STATION 81+60     |
| B3                       | CROSS SECTIONS – HIDDEN FARM ROAD STATION 71+64 TO STATION 75+50     |
| B4                       | CROSS SECTIONS – HIDDEN FARM ROAD STATION 76+00 TO STATION 78+00     |
| B5                       | PLAN & PROFILE – BREMER ROAD STATION 50+00 TO STATION 55+40          |
| B6                       | PLAN & PROFILE – LARSON BEACH ROAD STATION 54+20 TO STATION 60+20    |
| B7                       | PLAN & PROFILE– CARD AVENUE STATION 100+00 TO STATION 103+00         |
| B8                       | PLAN & PROFILE– CARD AVENUE STATION 102+80 TO STATION 105+80         |
| B9                       | PLAN & PROFILE– CARD AVENUE STATION 105+60 TO STATION 107+80         |
| B10                      | PLAN & PROFILE– BELLEVUE COURT STATION 107+60 TO STATION 110+40      |
| B11                      | PLAN – CARD AVENUE STATION 100+00 TO STATION 105+80                  |
| B12                      | PLAN – CARD AVENUE & BELLEVUE COURT STATION 105+60 TO STATION 110+40 |
| B13                      | PLAN – STORCK ROAD STATION 500+00 TO STATION 525+00                  |

| SHEET INDEX – CONTRACT C |                                      |
|--------------------------|--------------------------------------|
| SHEET NO.                | SHEET DESCRIPTION                    |
| STORM SEWER IMPROVEMENTS |                                      |
| C1                       | PLAN – TERMINAL DRIVE & OSBORN DRIVE |

INDEX

2022 STREET AND UTILITY IMPROVEMENTS  
Village of McFarland, Wisconsin

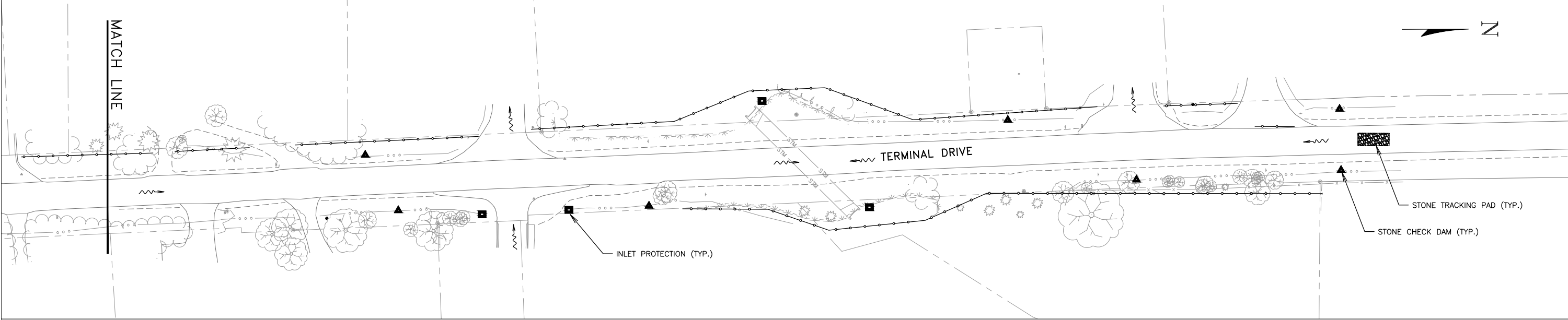
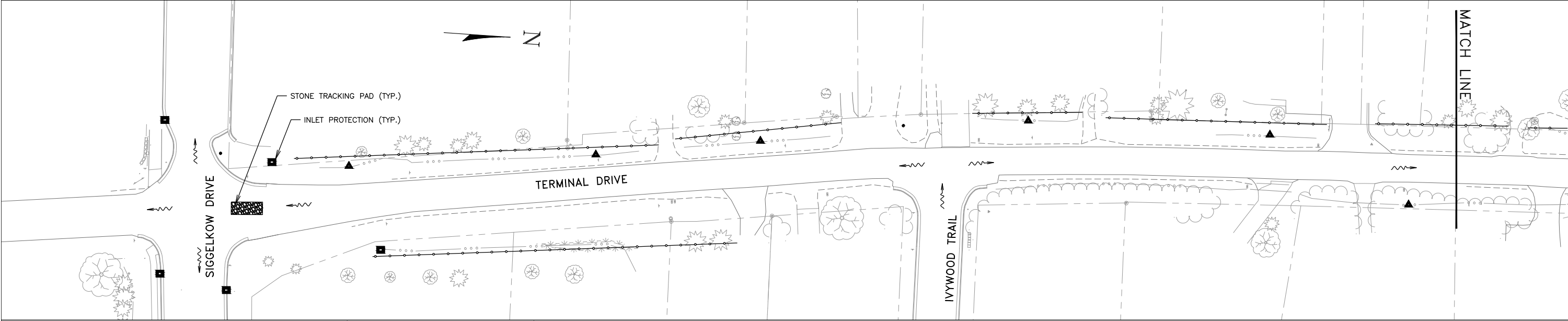
PROJECT NO.: MC 189  
DRAWING FILE: TERMINAL DETAILS.DWG  
DRAWN BY: J.R.K.  
CHECKED BY: T.J.S.  
DATE: 2-3-22  
REVISIONS:  
SCALE:

N.T.S.

SHEET:  
1

2912 Marketplace Drive  
Suite 103  
Madison, WI 53719  
(608) 273-3350  
www.tceengineers.net

tc TOWN & COUNTRY  
ENGINEERING, INC.



EROSION CONTROL NOTES:

- LOCATIONS MARKED WITH "■" TO RECEIVE INLET FILTER PROTECTION DURING CONSTRUCTION. ALL NEW STREET INLETS MUST ALSO RECEIVE INLET FILTER PROTECTION.
- CONSTRUCT A STONE CHECK DAM IN GUTTER LINE AT ALL LOCATIONS MARKED WITH "▲"
- SURFACE FLOW DIRECTION IS INDICATED WITH
- SILT FENCE INSTALLATION IS INDICATED WITH
- POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
- KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
- SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
- REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT [http://dnr.wi.gov/topic/stormwater/standards/const\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/const_standards.html).
- INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
- INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.

- STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
- NOTIFY THE OWNER IF DEWATERING IS SCHEDULED TO OCCUR IN AREAS OF SOIL AND/OR GROUNDWATER CONTAMINATION, OR IF DEWATERING WILL OCCUR FROM A HIGH CAPACITY WELL (70 GPM OR MORE). DEWATER ONLY AFTER THE APPROPRIATE WDNR DEWATERING DISCHARGE PERMIT HAS BEEN OBTAINED.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. LIMIT PUMPING RATES TO EITHER (A) THE SEDIMENT BASIN/TRAP DESIGN DISCHARGE RATE, OR (B) THE BASIN DESIGN RELEASE RATE WITH THE CORRECTLY-FITTED HOSE AND GEOTEXTILE FILTER BAG. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061.
- INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
- REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
- INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071.
- IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
- SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE OWNER. SEPARATE SWEEPED MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068.

- PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
- COORDINATE WITH THE OWNER TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
- FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I, II OR III TYPE A EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
- FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS I, II, OR III TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
- MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
- INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.), OR AS DIRECTED BY THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT: <http://dnr.wi.gov/botw/>

6264 Nesbitt Road  
Madison, WI 53719  
(608) 273-3350  
[www.townandcountryengineers.net](http://www.townandcountryengineers.net)

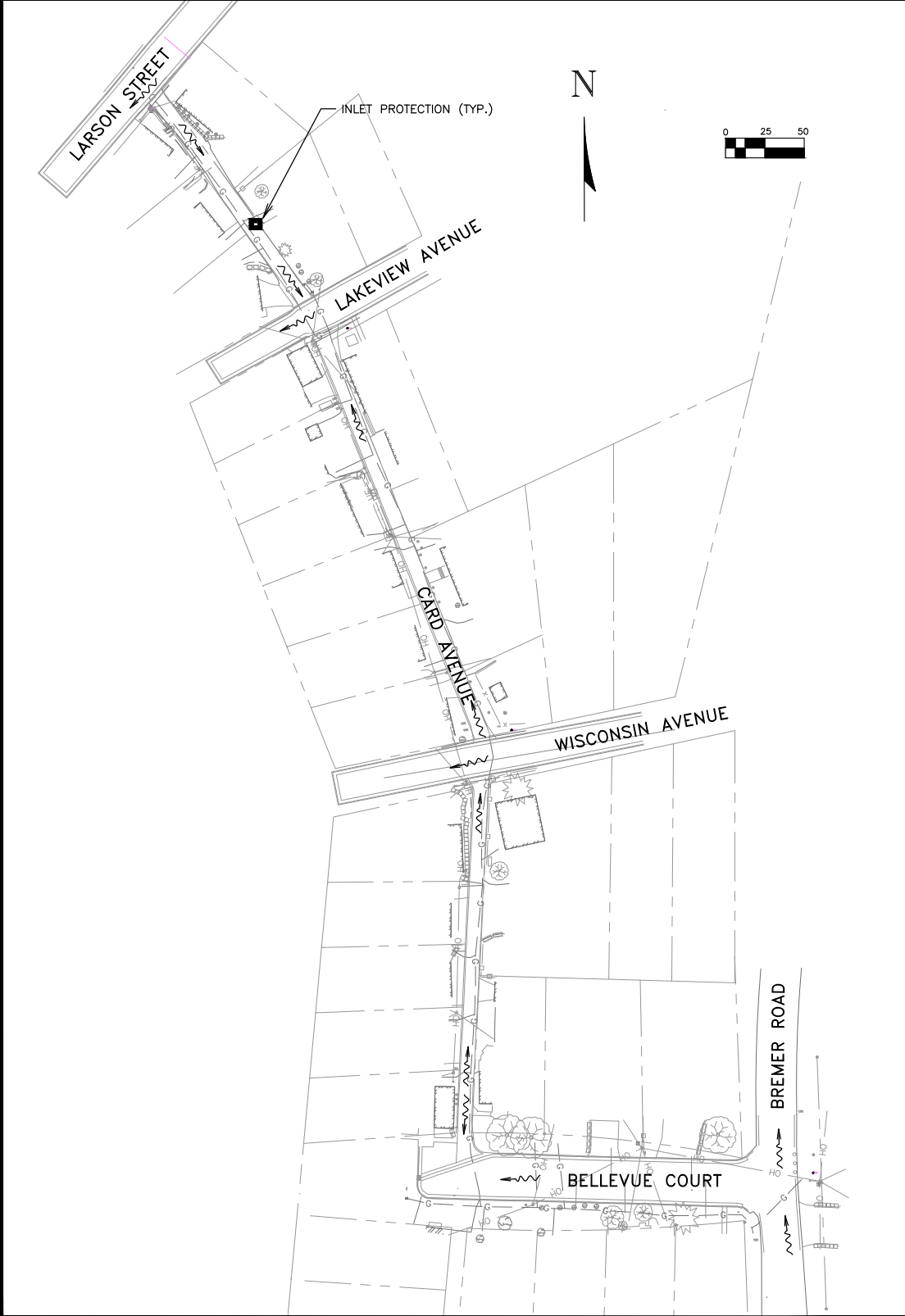
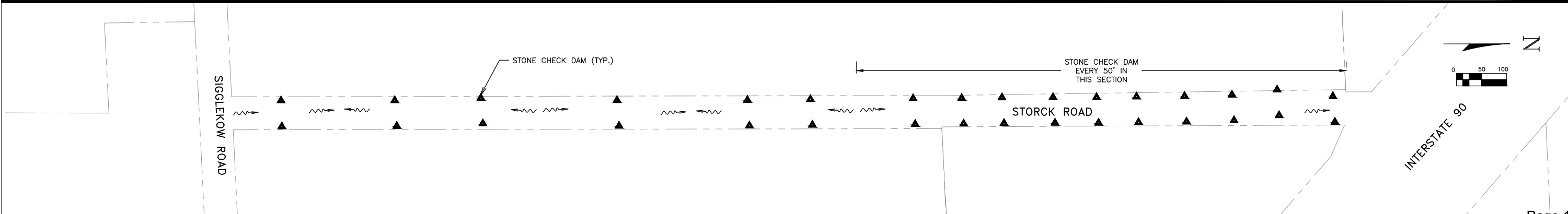
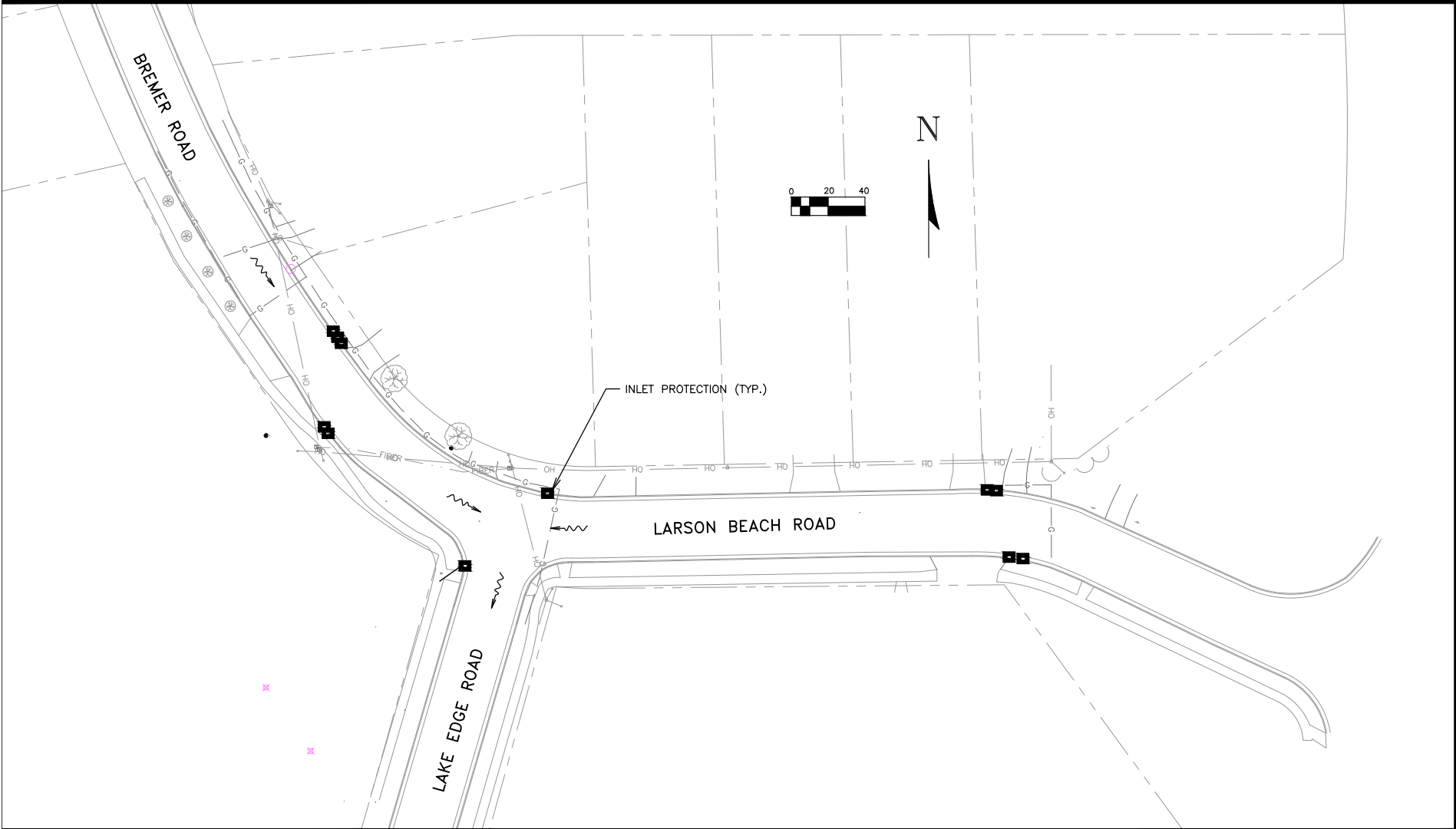
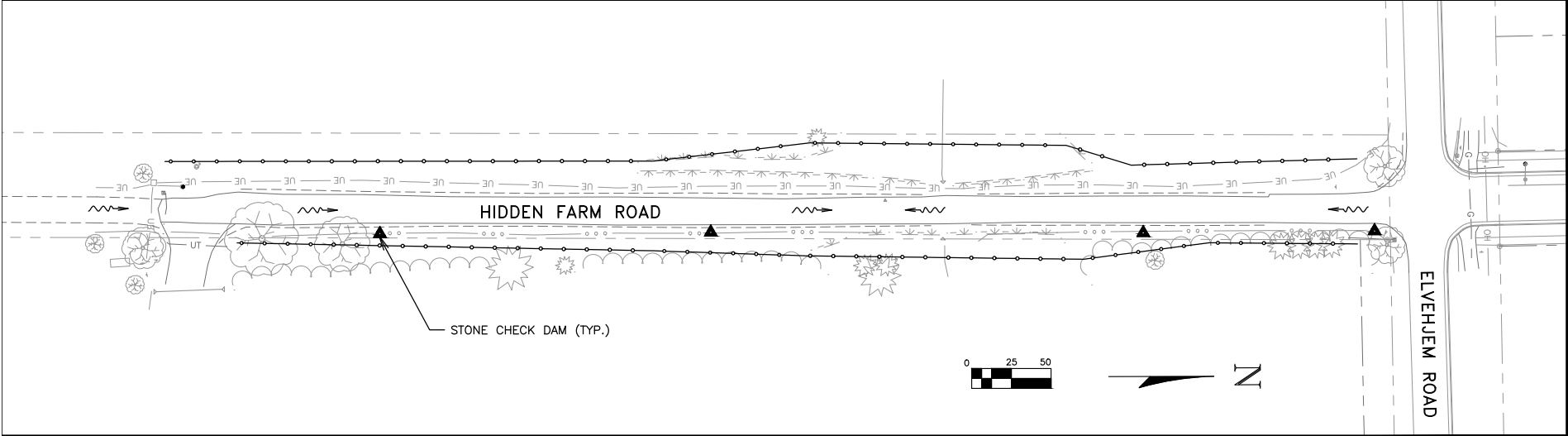
**tc** TOWN & COUNTRY  
ENGINEERING, INC.

EROSION CONTROL PLAN  
AND GENERAL NOTES

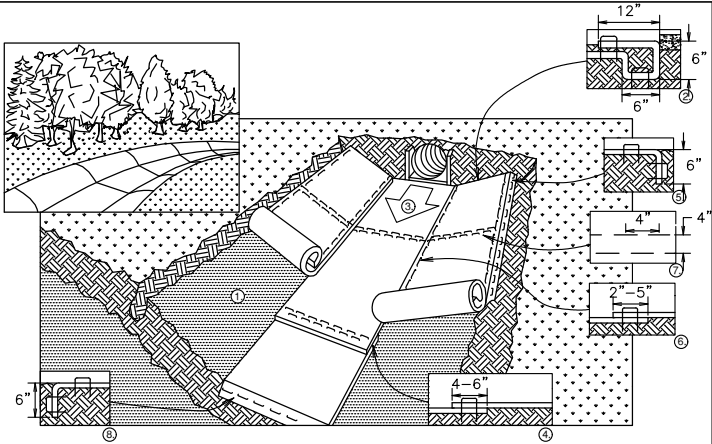
2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.  
DATE:  
2-3-22  
REVISIONS:  
SCALE:  
  
SHEET:  
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|                                                                                                                                                      |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <p>6264 Nesbitt Road<br/>Madison, WI 53719<br/>(608) 273-3350<br/>www.tceengineers.net</p> <p><b>tc</b> TOWN &amp; COUNTRY<br/>ENGINEERING, INC.</p> |        |
| EROSION CONTROL PLAN                                                                                                                                 |        |
| 2022 STREET AND UTILITY IMPROVEMENTS<br>CONTRACT B<br>Village of McFarland, Wisconsin                                                                |        |
| PROJECT NO.:<br>MC 129                                                                                                                               | VARIES |
| DRAWING FILE:<br>HIDDEN FARM SHEETS.DWG                                                                                                              |        |
| DRAWN BY:<br>J.R.K.                                                                                                                                  |        |
| CHECKED BY:<br>T.J.S.                                                                                                                                |        |
| DATE:<br>2-3-22                                                                                                                                      |        |
| REVISIONS:                                                                                                                                           |        |
| SCALE:                                                                                                                                               |        |
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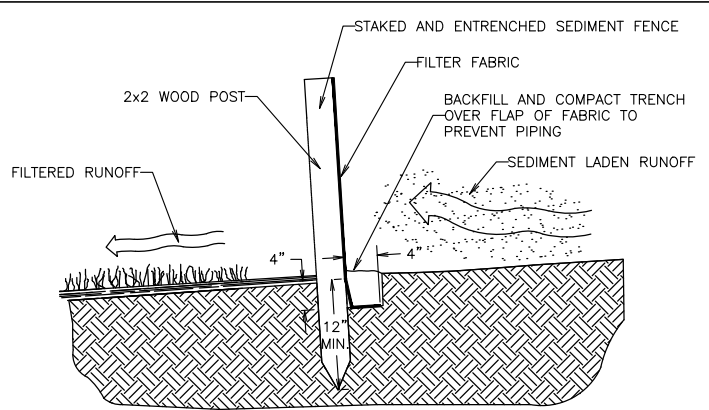


1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 4" AND STAPLED.
7. A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

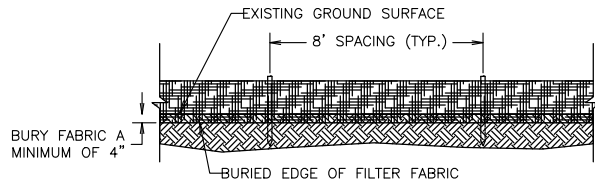
NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

#### DETAIL

EROSION CONTROL MAT - CHANNEL INSTALLATION



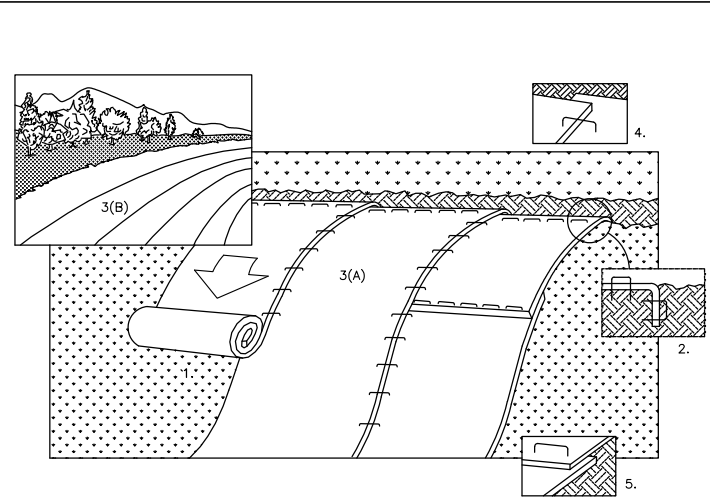
CROSS-SECTION OF A PROPERLY INSTALLED SEDIMENT FENCE



SEDIMENT FENCE DETAIL

#### DETAIL

SEDIMENT FENCE

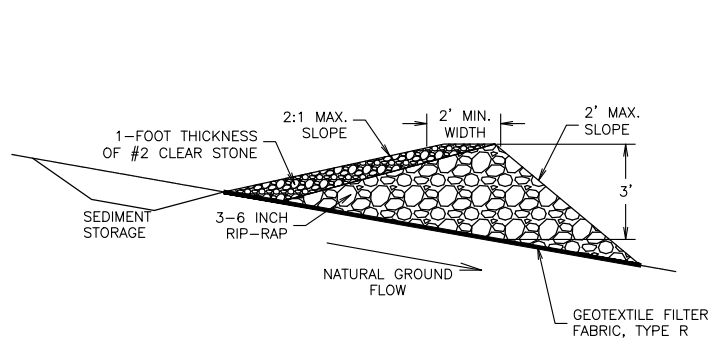


NOTE:  
REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT  
STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

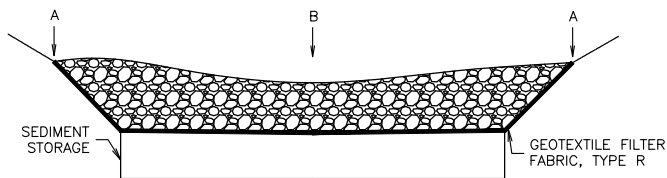
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

#### DETAIL

EROSION CONTROL MAT - SLOPE INSTALLATION



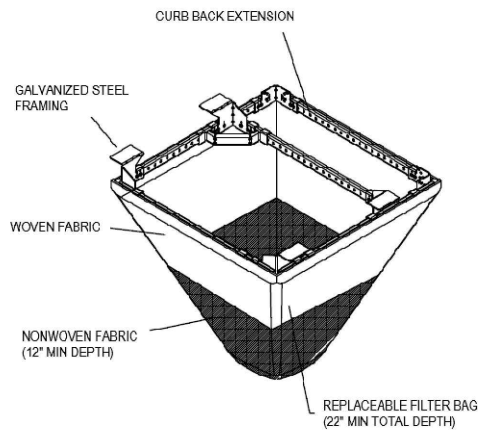
SECTION VIEW



FRONT VIEW

#### DETAIL

STONE CHECK DAM



#### GENERAL NOTES:

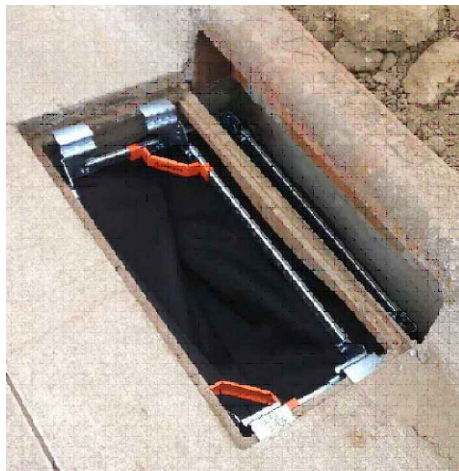
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

FRAMED INLET PROTECTION SHALL BE COMPLIANT WITH ALL ASTM STANDARD D8057-17 REQUIREMENTS, INCLUDING:

- A. BYPASS OVERFLOW THAT MEETS OR EXCEEDS INLET DESIGN FLOW
- B. FRAME AND BAG STRONG ENOUGH TO HANDLE FULL SEDIMENT LOAD.

#### DETAIL

INLET PROTECTION - FRAMED (W/ CURB BOX)



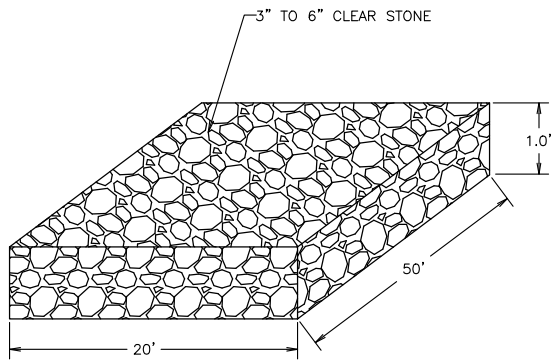
#### INSTALLATION NOTES:

NO PART OF INLET PROTECTION SHALL BE PROJECTING ABOVE THE GRATE.

FOR COMBINATION INLETS, PROTECTION SHALL CAPTURE RUNOFF ENTERING BOTH GRATE AND CURB OPENING.

A DUAL FABRIC FILTER BAG, WITH NON-WOVEN BOTTOM AND WOVEN TOP SHALL BE USED.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

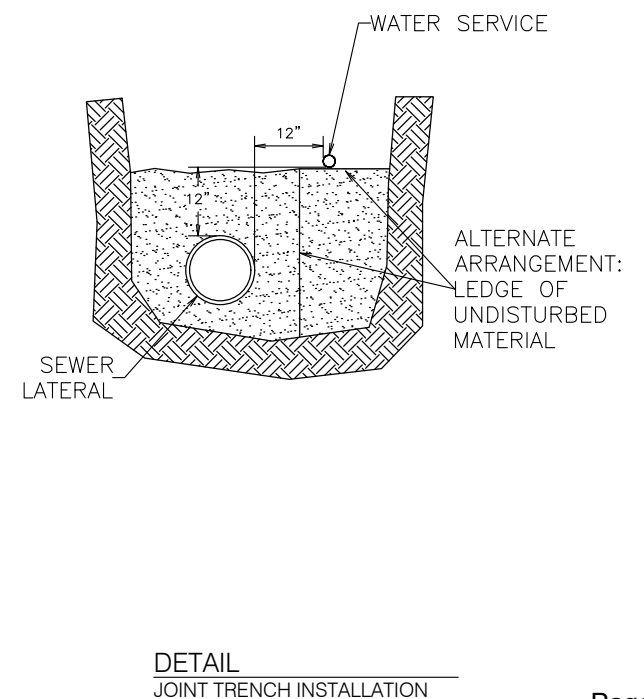
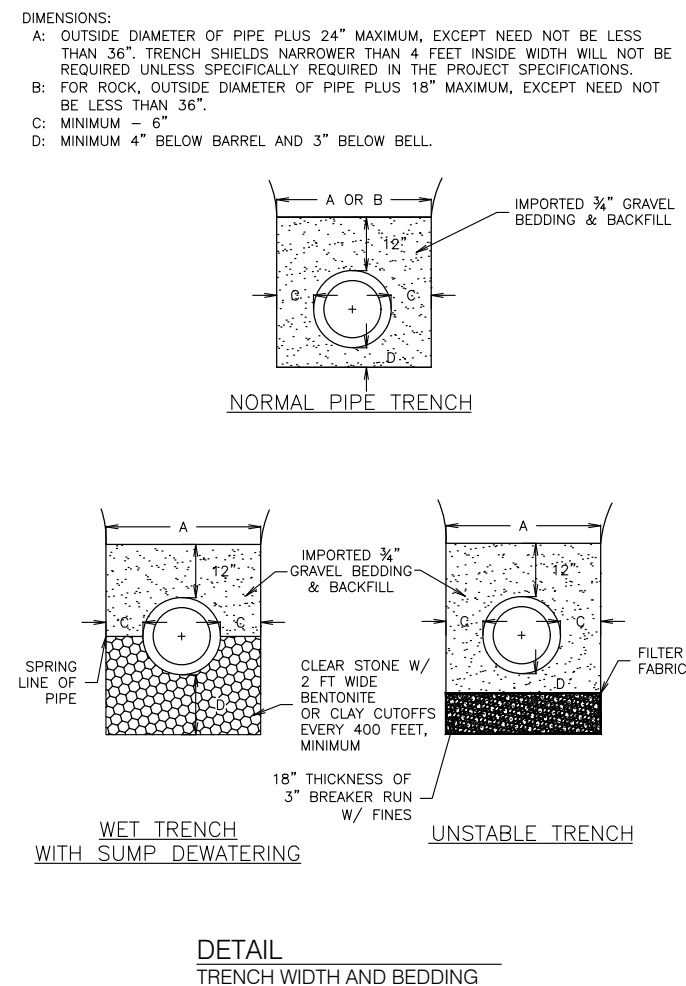
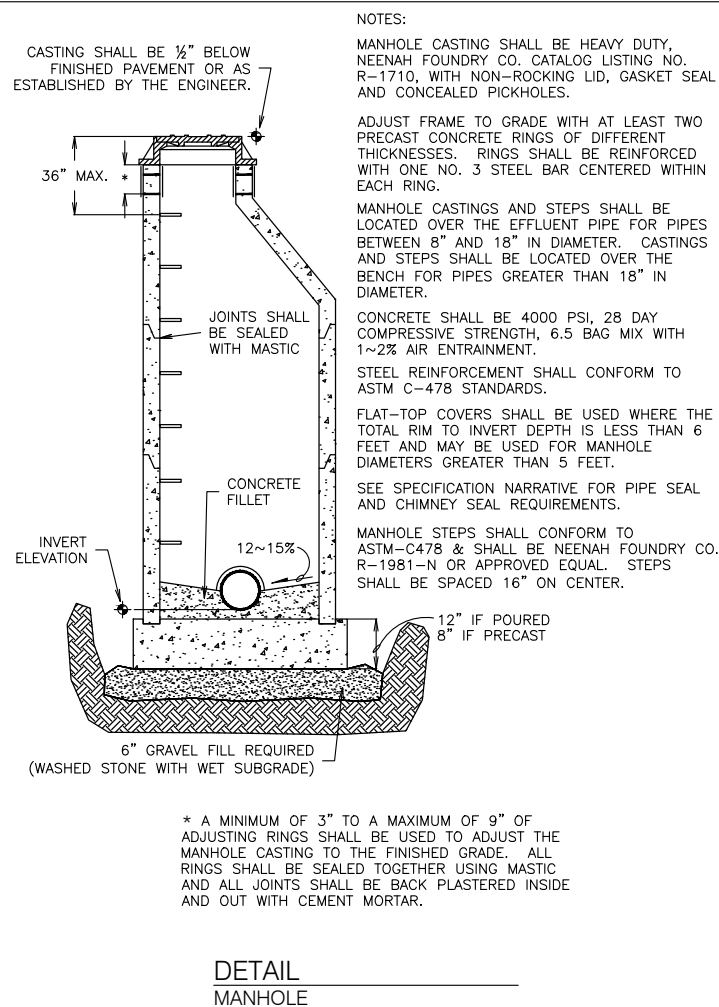
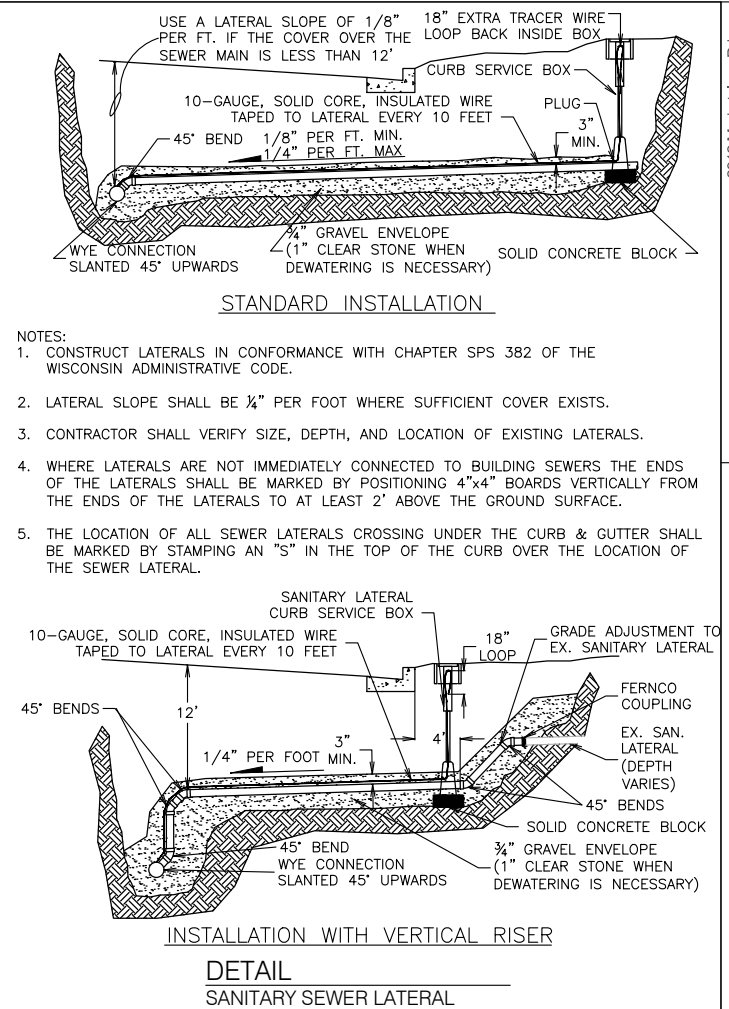
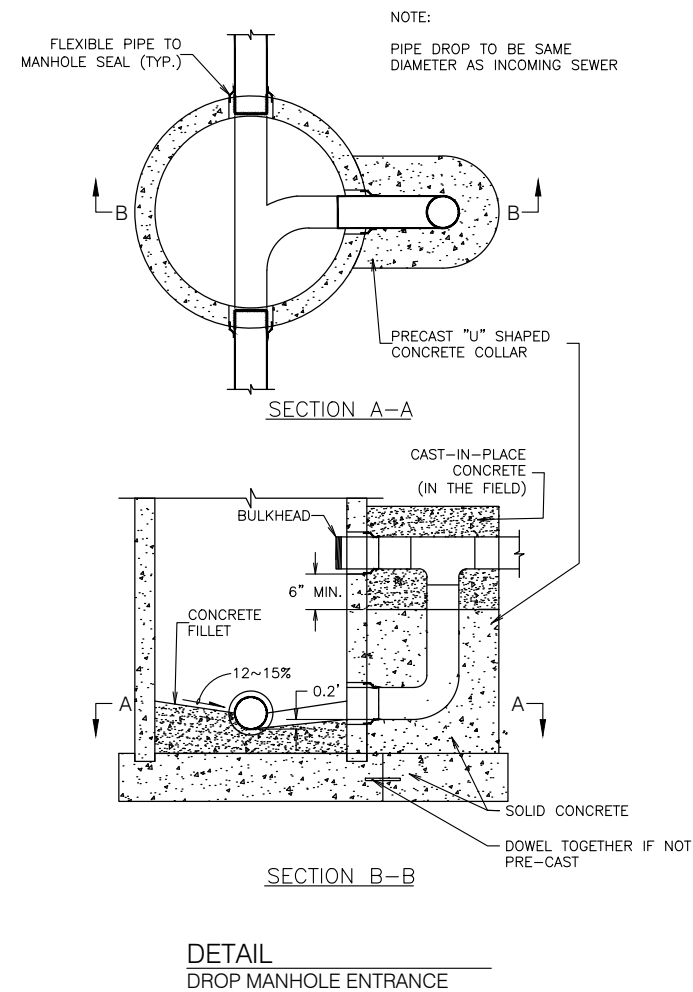


#### NOTE:

— ON STREET SURFACES  
CRUSHED AGGREGATE BASE STONE  
SERVES AS TRACKING PAD.

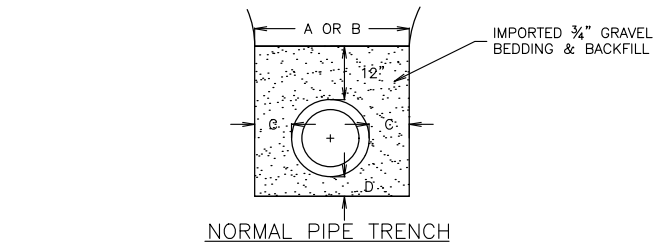
#### DETAIL

CLEAR STONE TRACKING PAD

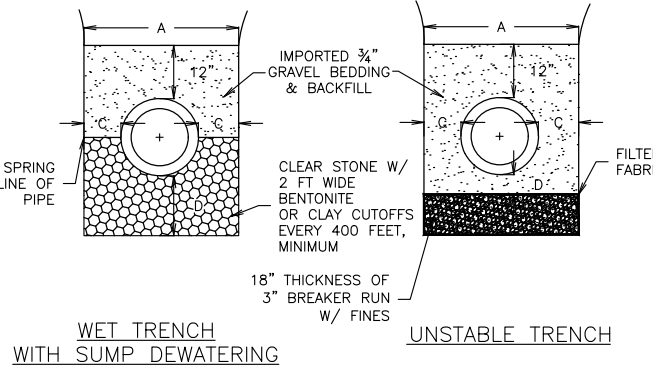




DIMENSIONS:  
A: OUTSIDE DIAMETER OF PIPE PLUS 24" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36". TRENCH SHIELDS NARROWER THAN 4 FEET INSIDE WIDTH WILL NOT BE REQUIRED UNLESS SPECIFICALLY REQUIRED IN THE PROJECT SPECIFICATIONS.  
B: FOR ROCK, OUTSIDE DIAMETER OF PIPE PLUS 18" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36".  
C: MINIMUM - 6"  
D: MINIMUM 4" BELOW BARREL AND 3" BELOW BELL.



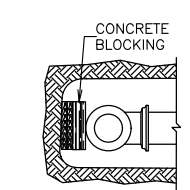
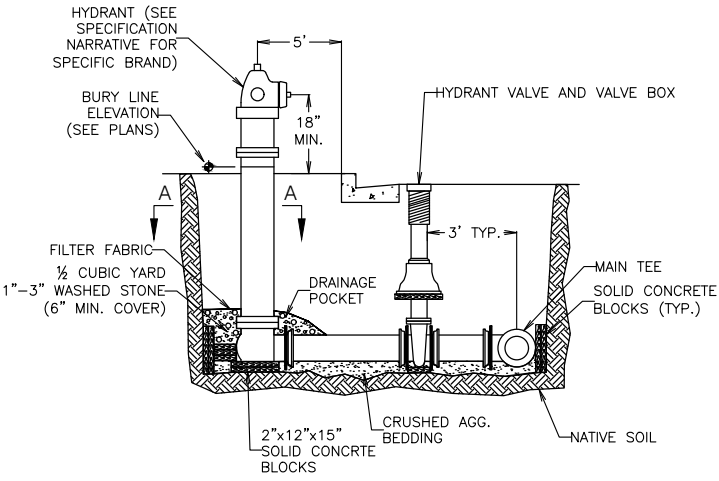
NORMAL PIPE TRENCH



WET TRENCH  
WITH SUMP DEWATERING

UNSTABLE TRENCH

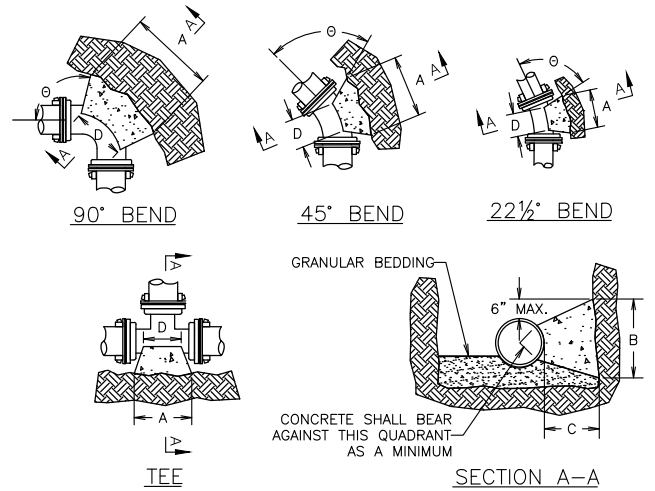
DETAIL  
TRENCH WIDTH AND BEDDING



SECTION A-A

NOTES:  
- THE HYDRANT AND HYDRANT VALVE SHALL BE CONNECTED TO THE MAIN TEE BY MEGALUGS.  
- FILTER FABRIC SHALL BE WRAPPED AROUND THE DRAIN POCKET.  
- WHERE THE HYDRANT IS INSTALLED AT THE HIGH POINT OF THE WATER MAIN ON MAINS 10 INCHES IN DIAMETER AND LARGER, THE CONTRACTOR SHALL TIP THE MAIN TEE UPWARDS 45 DEGREES AND USE A 45 DEGREE FITTING TO ALLOW AIR TO ESCAPE FROM THE MAIN.  
- WHERE THE LOCATION OF THE HYDRANT VALVE BOX WOULD BE IN ANY PORTION OF THE CURB AND GUTTER, THE CONTRACTOR SHALL PLACE THE VALVE IN THE TERRACE AREA.

DETAIL  
HYDRANT SETTING



WOOD BLOCKING MAY NOT BE USED. ONLY SOLID CONCRETE BLOCKS ARE ALLOWED.  
DIMENSION "D" SHALL BE AS LARGE AS POSSIBLE, BUT THE CONCRETE SHALL NOT INTERFERE WITH THE MECHANICAL JOINTS.  
DIMENSION "C" SHALL BE AT LEAST 6 INCHES, AND LARGE ENOUGH TO MAKE THE "theta" ANGLE EQUAL TO OR GREATER THAN 45 DEGREES WITH THE DIMENSION "A" AS SHOWN ON THE TABLE, OR GREATER, AND WITH DIMENSION "D" AS LARGE AS POSSIBLE.

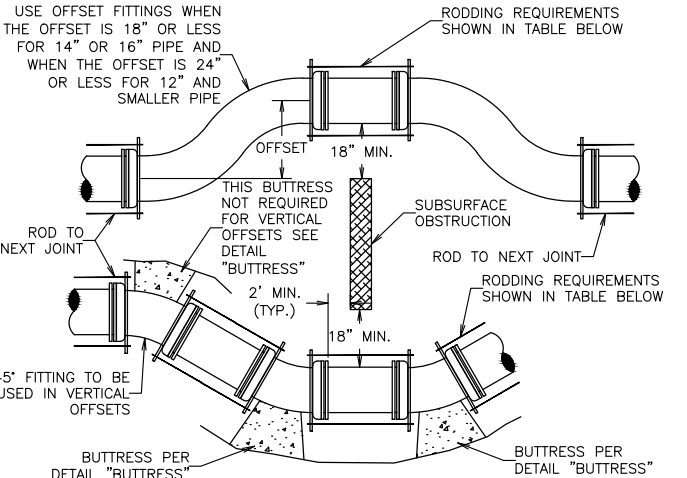
CONCRETE SHALL BE CLASS "CC". SEE SECTION 03301.

| BUTTRESS DIMENSIONS |       |       |            |       |          |        |          |        |  |
|---------------------|-------|-------|------------|-------|----------|--------|----------|--------|--|
| PIPE SIZE           | TEES  |       | 22.5° BEND |       | 45° BEND |        | 90° BEND |        |  |
|                     | A     | B     | A          | B     | A        | B      | A        | B      |  |
| 6                   | 1'-3" | 1'-0" | 1'-0"      | 1'-0" | 1'-0"    | 1'-0"  | 1'-4"    | 1'-2"  |  |
| 8                   | 1'-6" | 1'-4" | 1'-0"      | 1'-4" | 1'-2"    | 1'-10" | 1'-6"    |        |  |
| 10/12               | 2'-3" | 2'-0" | 1'-4"      | 1'-4" | 1'-10"   | 1'-10" | 2'-8"    | 2'-3"  |  |
| 14/16               | 3'-2" | 2'-6" | 1'-10"     | 1'-8" | 2'-6"    | 2'-4"  | 3'-10"   | 2'-10" |  |
| 18/20               | 4'-0" | 3'-0" | 2'-4"      | 2'-0" | 3'-3"    | 2'-10" | 5'-0"    | 3'-4"  |  |
| 22/24               | 5'-3" | 3'-4" | 2'-10"     | 2'-4" | 4'-0"    | 3'-3"  | 6'-4"    | 3'-10" |  |
| 30                  | 6'-3" | 4'-3" | 3'-6"      | 3'-0" | 5'-4"    | 3'-10" | 8'-0"    | 4'-8"  |  |

\* = FOR TEE THIS WILL BE THE BRANCH PIPE

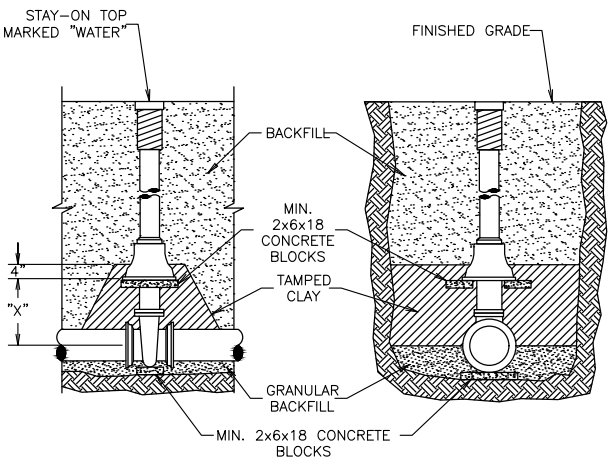
DIMENSIONS IN THE TABLE ARE BASED ON A WATER PRESSURE OF 150 PSI AND SOIL RESISTANCE OF 2000 LBS./SQ.FT.

DETAIL  
BUTTRESS



NOTES:  
- RODS AND WASHERS TO BE ASTM A-575 MERCHANT QUALITY 0.17-0.24 CARBON. NUTS TO BE AMERICAN STANDARD HEAVY, NOT PRESSED.  
- TIE RODS, BOLTS, NUTS, BANDS AND WASHERS TO BE FURNISHED AND ASSEMBLED BY THE CONTRACTOR.  
- ALL STEEL MATERIAL TO BE GALVANIZED OR THOROUGHLY COATED WITH ENGINEER APPROVED COATING.  
- OFFSET FITTINGS REQUIRE CONTINUOUS RODDING IN ALL POSITIONS.  
- VERTICAL OFFSETS SHALL NOT CREATE A HIGH POINT IN THE WATER MAIN. VERTICAL OFFSETS REQUIRE THE SAME RODDING AND BUTTRESSING AS SHOWN ABOVE.  
- MEGALUG RESTRAINTS MAY BE USED IN LIEU OF RODDING.

DETAIL  
OFFSET AND RODDING



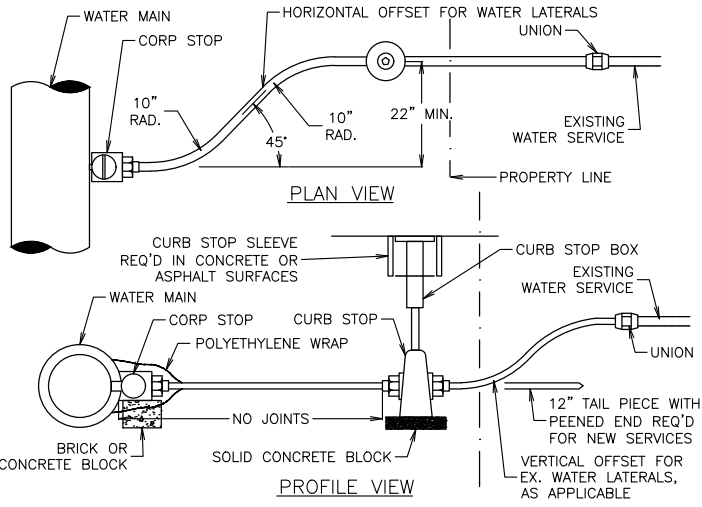
VIEW ALONG PIPELINE

SECTION VIEW

| PIPE DIA., INCHES     | 6  | 8  | 10 | 12 | 14 | 16 |
|-----------------------|----|----|----|----|----|----|
| "X" DIMENSION, INCHES | 12 | 13 | 17 | 21 | 25 | 30 |

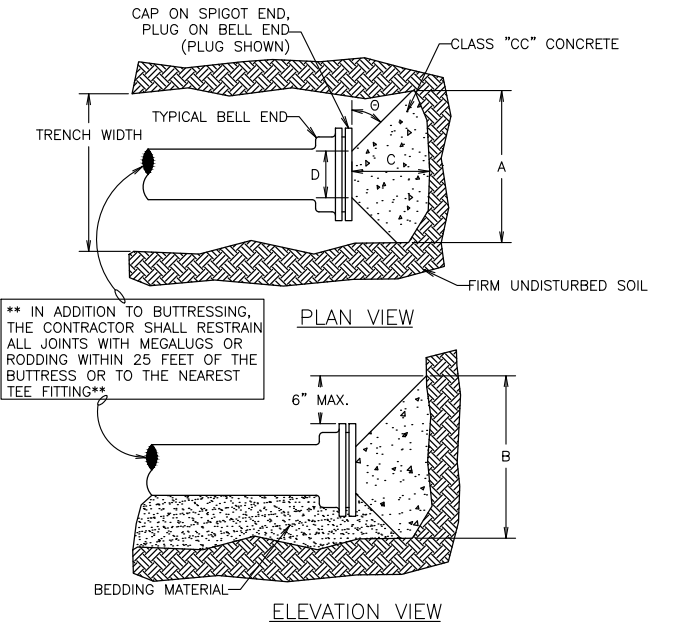
NOTES:  
- SOLID CONCRETE BLOCKS MUST BE USED.  
- VALVES SHALL BE SECURED WITH RODDING OR MEGALUGS TO THE NEAREST "TEE" FITTING OR TO THE FIRST JOINT CONNECTING A FULL SECTION OF WATER MAIN PIPE. SEE RODDING DETAIL "OFFSET AND RODDING".

DETAIL  
VALVE BOX SETTING



NOTES:  
- HORIZONTAL AND VERTICAL OFFSETS SHALL BE MADE WITH AN APPROVED PIPE BENDING TOOL. SHARP BENDS OR KINKS IN THE WATER SERVICE ARE NOT ALLOWED.  
- VERTICAL OFFSETS SHALL BE MADE ON THE PROPERTY LINE SIDE OF THE CURB STOP.  
- PLASTIC OR CAST IRON CURB BOX SLEEVES SHALL BE INSTALLED WHERE CURB BOXES ARE INSTALLED IN CONCRETE OR ASPHALT SURFACES.  
- THE SEWER LATERAL SHALL BE LOCATED ON THE DOWNSTREAM SIDE OF THE WATER SERVICE, BASED ON SEWER MAIN FLOW DIRECTION.  
- THE LOCATION OF ALL WATER SERVICES CROSSING UNDER THE CURB & GUTTER SHALL BE MARKED BY STAMPING A "W" IN THE TOP OF CURB OVER THE LOCATION OF THE WATER SERVICE LINE.

DETAIL  
WATER SERVICE INSTALLATION



BUTTRESS DIMENSIONS

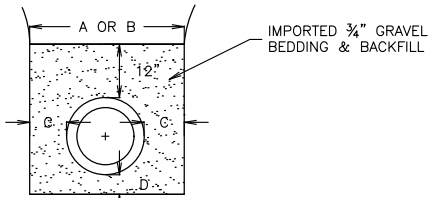
| DIA. | A     | B      | C | D |
|------|-------|--------|---|---|
| 6"   | 1'-3" | 1'-0"  |   |   |
| 8"   | 1'-8" | 1'-6"  |   |   |
| 10"  | 2'-0" | 1'-8"  |   |   |
| 12"  | 2'-5" | 1'-10" |   |   |
| 16"  | 3'-4" | 2'-4"  |   |   |
| 20"  | 4'-3" | 2'-10" |   |   |
| 24"  | 5'-2" | 3'-4"  |   |   |
| 30"  | 6'-9" | 4'-0"  |   |   |

SEE NOTES ABOVE

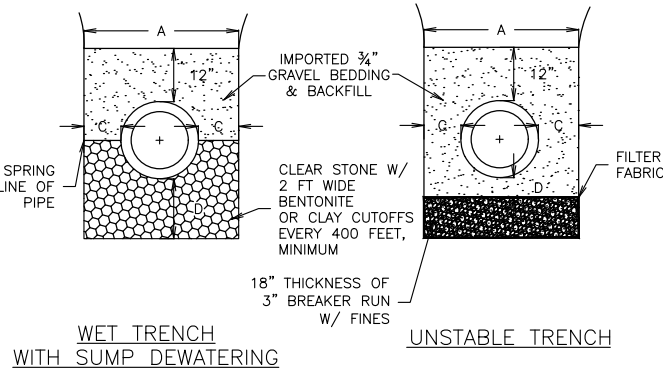
NOTES:  
- DIMENSION "C" SHALL BE LARGE ENOUGH TO MAKE ANGLE theta EQUAL TO OR GREATER THAN 45".  
- DIMENSION "D" EQUALS APPROX. I.D. OF PIPE, LESS 2 INCHES. CONTRACTOR SHALL PROTECT THE MECH. JOINT BOLTS FROM THE CONCRETE BUTTRESS.  
- BUTTRESS DIMENSIONS ARE BASED UPON A SOIL RESISTANCE OF 2 TONS PER SQ. FT. AND A WATER PRESSURE OF 150 P.S.I.

DETAIL  
BUTTRESS FOR DEAD ENDS

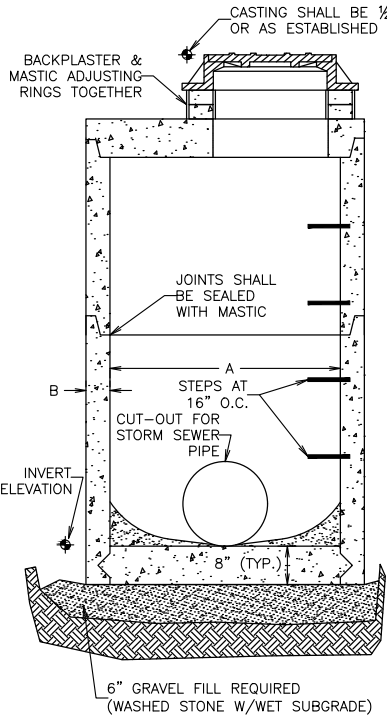
DIMENSIONS:  
A: OUTSIDE DIAMETER OF PIPE PLUS 24" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36". TRENCH SHIELDS NARROWER THAN 4 FEET INSIDE WIDTH WILL NOT BE REQUIRED UNLESS SPECIFICALLY REQUIRED IN THE PROJECT SPECIFICATIONS.  
B: FOR ROCK, OUTSIDE DIAMETER OF PIPE PLUS 18" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36".  
C: MINIMUM - 6"  
D: MINIMUM 4" BELOW BARREL AND 3" BELOW BELL.



NORMAL PIPE TRENCH



DETAIL  
TRENCH WIDTH AND BEDDING

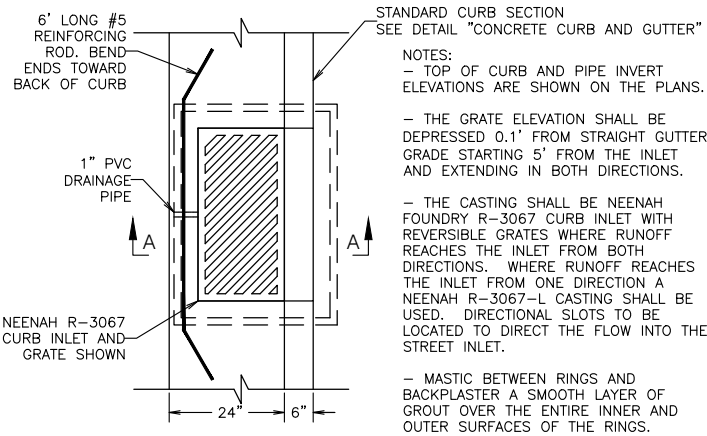


STORM MANHOLE DIMENSIONS

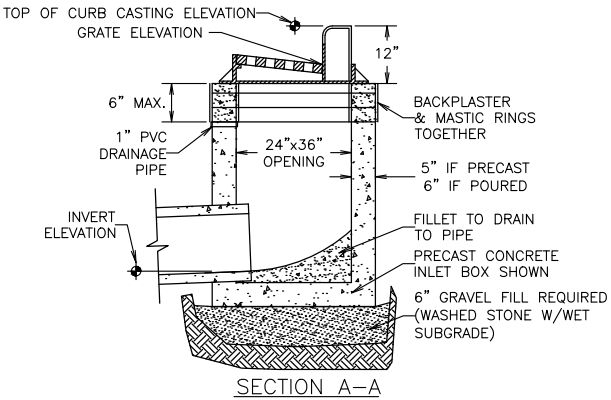
| MANHOLE SIZE | DIMENSION |          |
|--------------|-----------|----------|
|              | A         | B (MIN.) |
| 48"          | 48"       | 5"       |
| 60"          | 60"       | 6"       |
| 72"          | 72"       | 7"       |
| 84"          | 84"       | 7"       |
| 96"          | 96"       | 9"       |

DETAIL  
STORM SEWER MANHOLE AND INLET

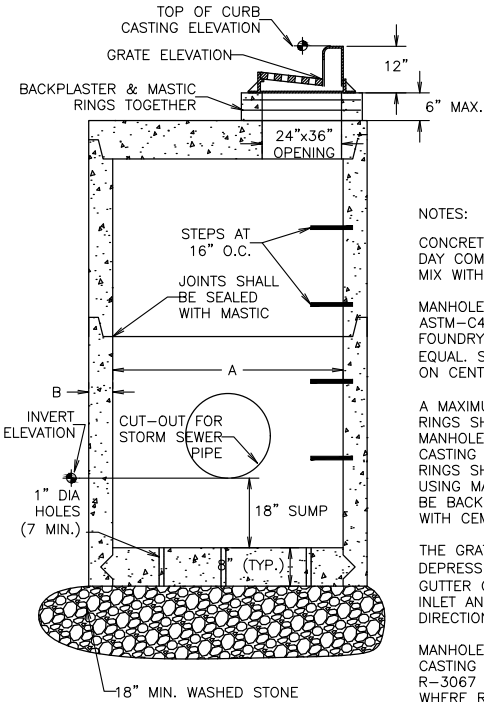
NOTES:  
CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.  
MANHOLE STEPS SHALL CONFORM TO ASTM-C478 & SHALL BE NEENAH FOUNDRY R-1981-N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.  
ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES. RINGS SHALL BE REINFORCED WITH ONE NO.3 STEEL BAR CENTERED WITHIN EACH RING.  
A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.  
MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY R-1550-A, WITH TYPE "B" NON-ROCKING LID, GASKET SEAL AND CONCEALED PICK HOLES.  
MANHOLE INLET CASTING SHALL BE NEENAH FOUNDRY R-2050 WITH TYPE "C" NON-ROCKING GRATE.  
MANHOLE-TYPE CURB INLET CASTING SHALL BE NEENAH FOUNDRY R-3067 WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE CURB INLET.  
A 2x3 LID OPENING IS REQUIRED FOR MANHOLE-TYPE CURB INLETS. ADJUSTING RINGS SHOULD THEN BE LIMITED TO 6" MAX.



PLAN VIEW



DETAIL  
RECTANGULAR CURB INLET

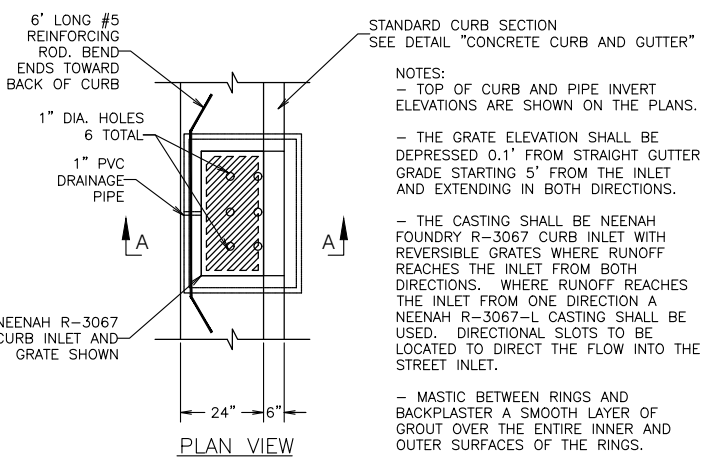


STORM MANHOLE DIMENSIONS

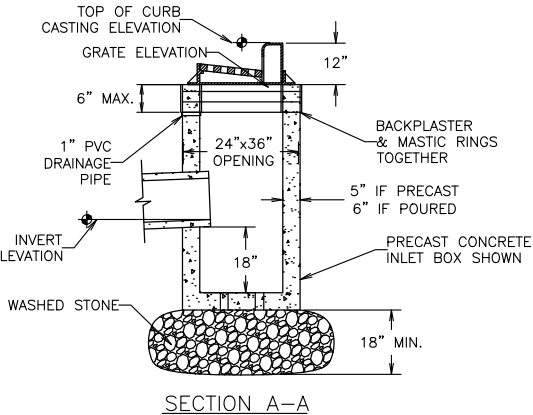
| MANHOLE SIZE | DIMENSION |          |
|--------------|-----------|----------|
|              | A         | B (MIN.) |
| 48"          | 48"       | 5"       |
| 60"          | 60"       | 6"       |
| 72"          | 72"       | 7"       |
| 84"          | 84"       | 7"       |
| 96"          | 96"       | 9"       |

DETAIL  
STORM SEWER MANHOLE CATCH BASIN

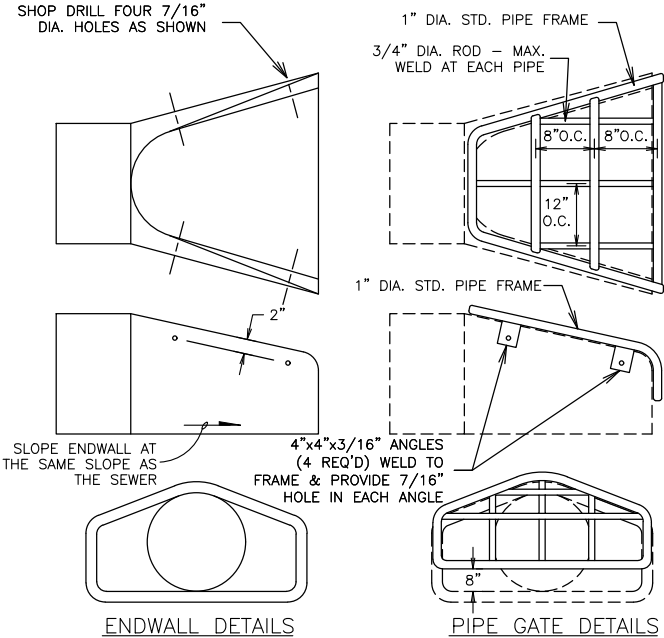
NOTES:  
CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.  
MANHOLE STEPS SHALL CONFORM TO ASTM-C478 & SHALL BE NEENAH FOUNDRY R-1981-N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.  
A MAXIMUM OF 6" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE-TYPE CURB CATCH BASIN CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.  
THE GRATE ELEVATION SHALL BE DEPRESSED 0.1' FROM STRAIGHT GUTTER GRADE STARTING 5' FROM THE INLET AND EXTENDING IN BOTH DIRECTIONS.  
MANHOLE-TYPE CURB CATCH BASIN CASTING SHALL BE NEENAH FOUNDRY R-3067 WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE STREET INLET.  
A 2x3 LID OPENING IS REQUIRED FOR MANHOLE-TYPE CURB CATCH BASINS.



PLAN VIEW



DETAIL  
RECTANGULAR CATCH BASIN

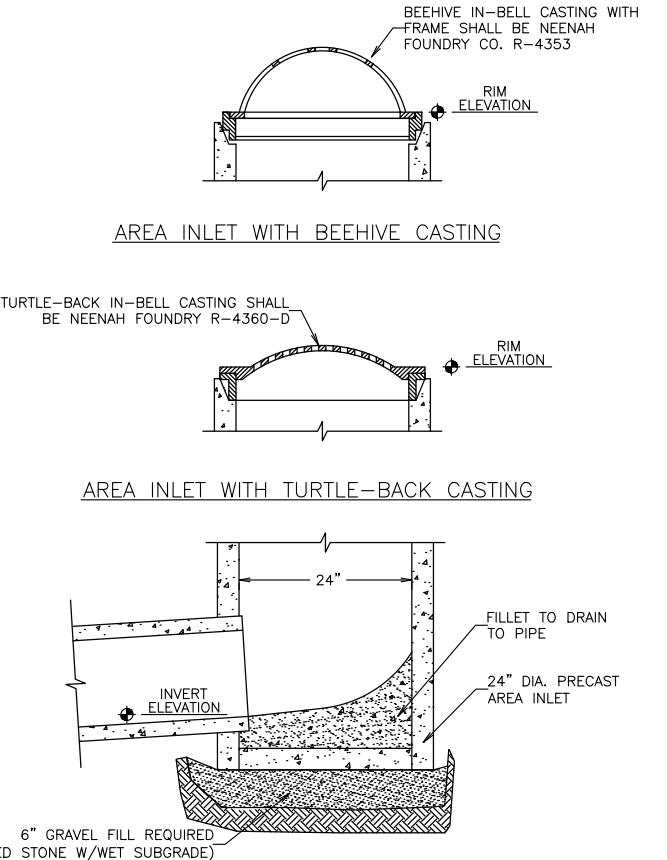


ENDWALL DETAILS

PIPE GATE DETAILS

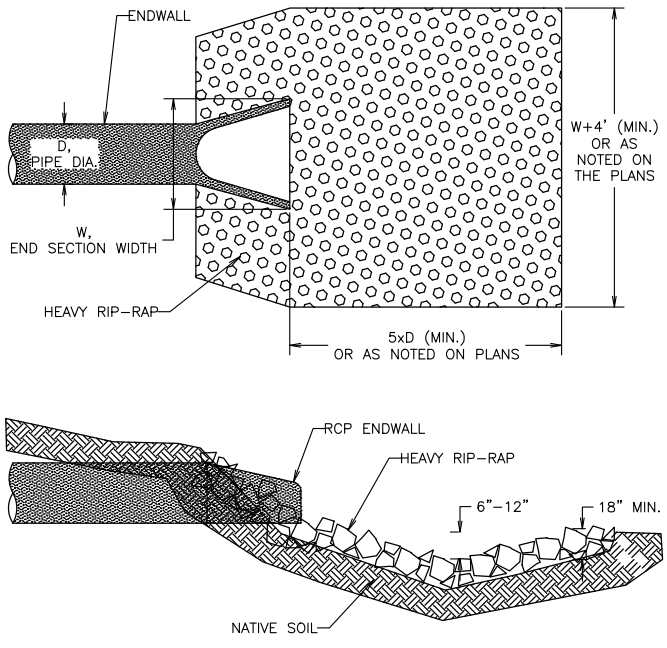
NOTES:  
- THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8"x6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.  
PAINTING SPECIFICATIONS:  
- THE PIPE GATE SHALL RECEIVE THE FOLLOWING PREPARATION & PAINTING. THE FIRST COAT SHALL BE RUS-OLEUM X-60 RED BARE METAL PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUST-OLEUM 960 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE THIRD COAT SHALL BE RUS-OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.  
PREPARATION STEPS:  
1. BARE METAL SURFACES - TREAT WITH THE THREE-COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING.  
2. EACH COAT OF PAINT SHALL BE APPLIED OVER THE ENTIRE GATE SURFACE.  
3. ALLOW 24-48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.

DETAIL  
ENDWALLS



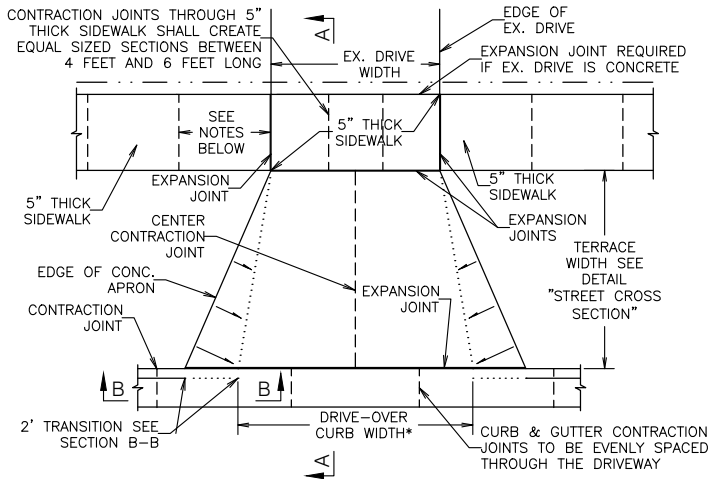
AREA INLET BOTTOM SECTION

DETAIL  
AREA INLET

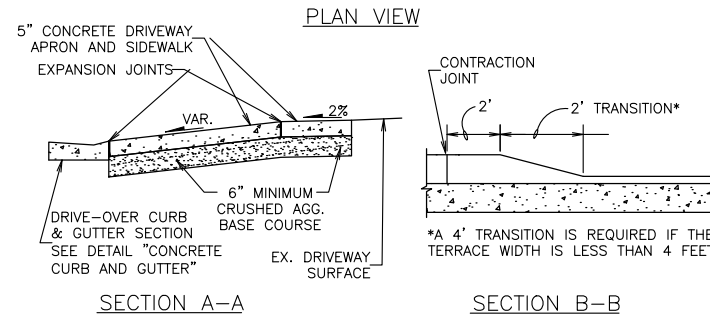


NOTE:  
RIP-RAP SHALL BE A MINIMUM OF 2 C.Y. PER ENDWALL.

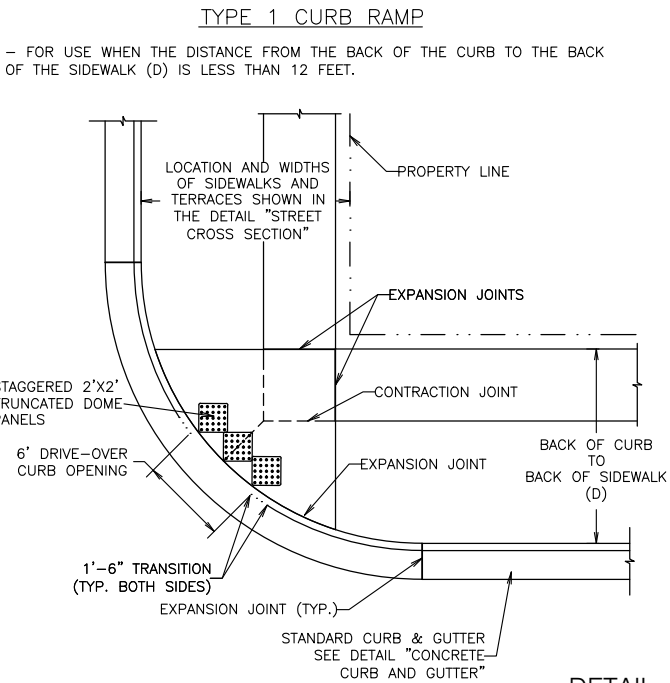
DETAIL  
ENDWALL AND RIP-RAP



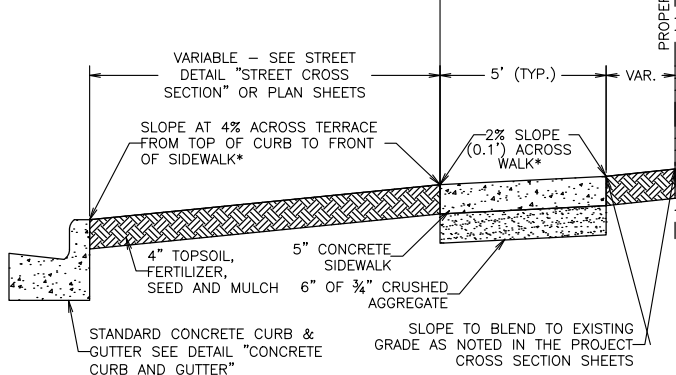
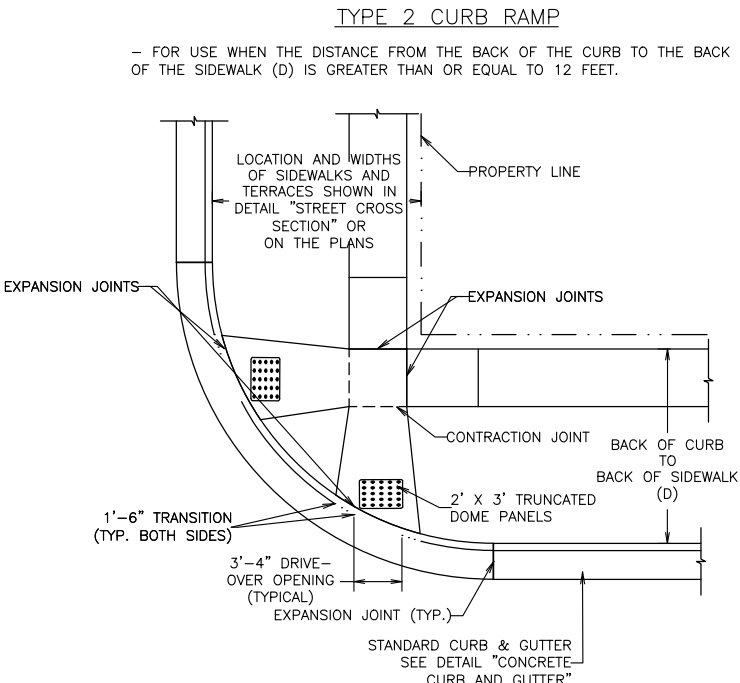
NOTES: - 5" THICK WALK WIDTH SHALL BE EQUAL TO THE EX. DRIVE WIDTH OR A MINIMUM OF 12' CENTERED ON THE EX. DRIVE. THE DRIVE-OVER CURB WIDTH SHALL BE EQUAL TO THE 5" THICK WALK WIDTH PLUS 2', CENTERED ON THE EX. DRIVE.  
- CONTRACTION JOINTS IN 5" THICK SIDEWALKS SHALL BE PLACED EVERY 5'. EXPANSION JOINTS SHALL BE PLACED AT INTERVALS NOT TO EXCEED 96 FEET.



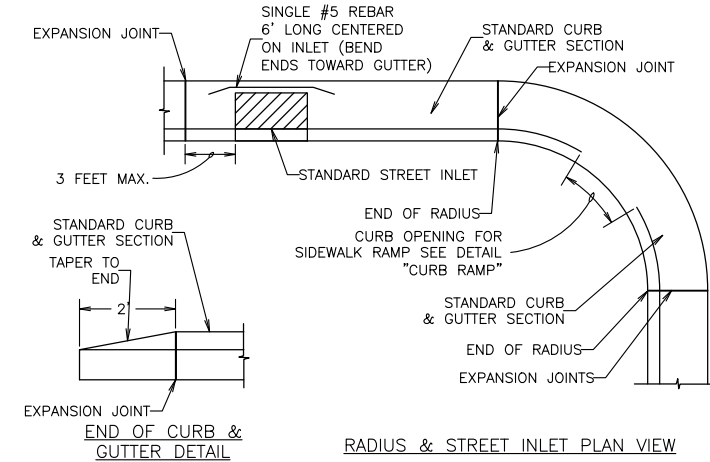
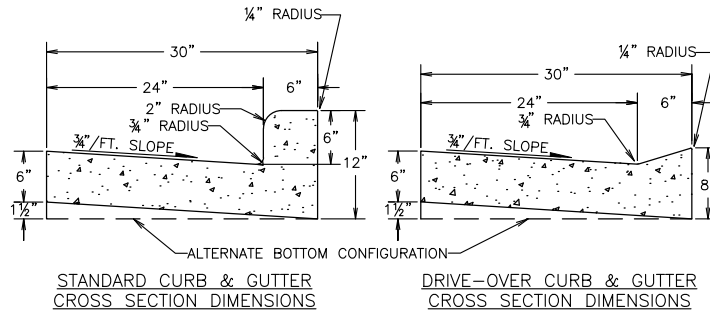
DETAIL DRIVEWAY



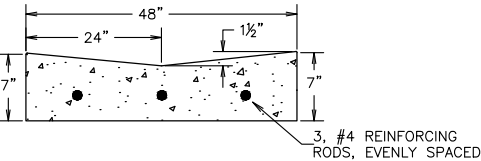
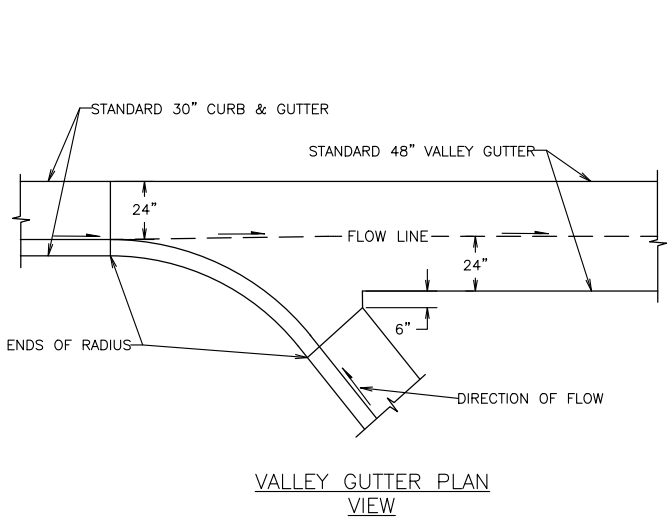
DETAIL CURB RAMP



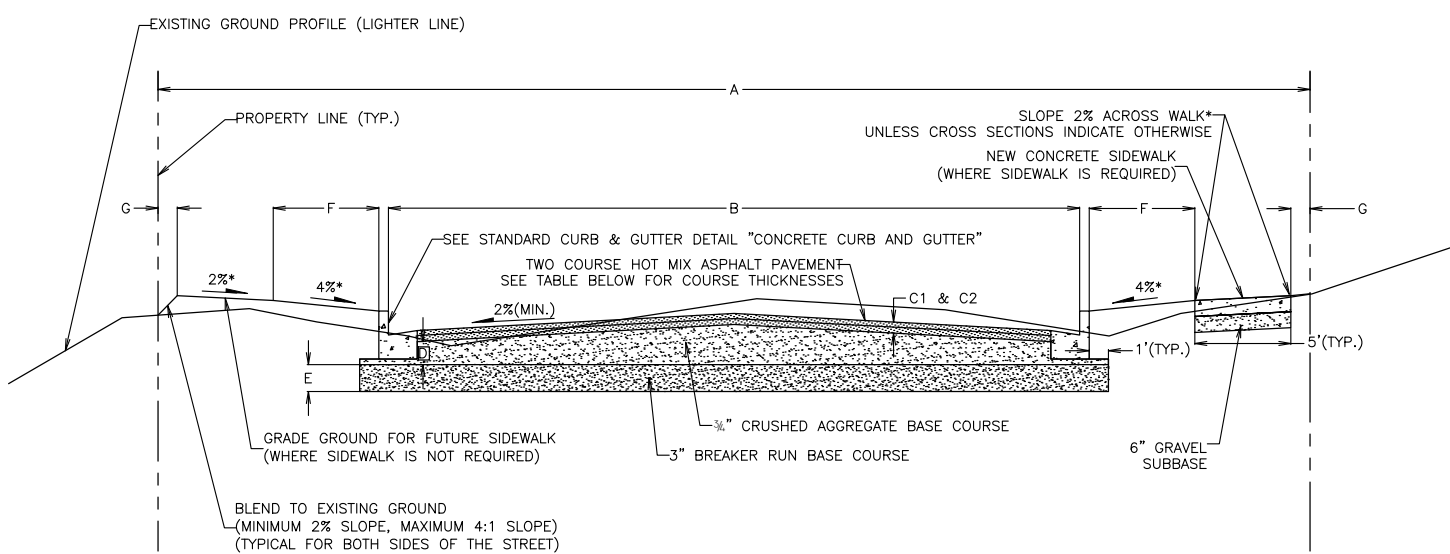
DETAIL SIDEWALK - TERRACE SECTION



DETAIL CONCRETE CURB AND GUTTER



DETAIL VALLEY GUTTER



STANDARD STREET DETAIL DIMENSIONS

|                  | A                  | B                            | C1                     | C2                       | D                   | E                             | F             | G                          |
|------------------|--------------------|------------------------------|------------------------|--------------------------|---------------------|-------------------------------|---------------|----------------------------|
|                  | RIGHT OF WAY WIDTH | CURB FACE TO CURB FACE WIDTH | LOWER COURSE THICKNESS | SURFACE COURSE THICKNESS | C.A.B.C. THICKNESS* | 3" BREAKER RUN B.C. THICKNESS | TERRACE WIDTH | BACK OF WALK TO PROP. LINE |
| STREET NAME      | VARIES             | 34"                          | 3"                     | 2"                       | 6"                  | 12" MIN.                      | 4'            | VARIES                     |
| TERMINAL DRIVE   | VARIES             | 34"                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | 4'            | VARIES                     |
| HIDDEN FARM ROAD | 66'                | 27'                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | N/A           | N/A                        |
| CARD AVENUE      | 10'                | N/A                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | N/A           | N/A                        |
| BREMER ROAD      | VARIES             | 34"                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | N/A           | VARIES                     |
| LARSON BEACH RD  | VARIES             | 34"                          | 1.75"                  | 1.5"                     | 6"                  | 12" MIN.                      | N/A           | VARIES                     |
| STORCK ROAD      | 66'                | N/A                          | N/A                    | 2"                       | 6"                  | N/A                           | N/A           | N/A                        |

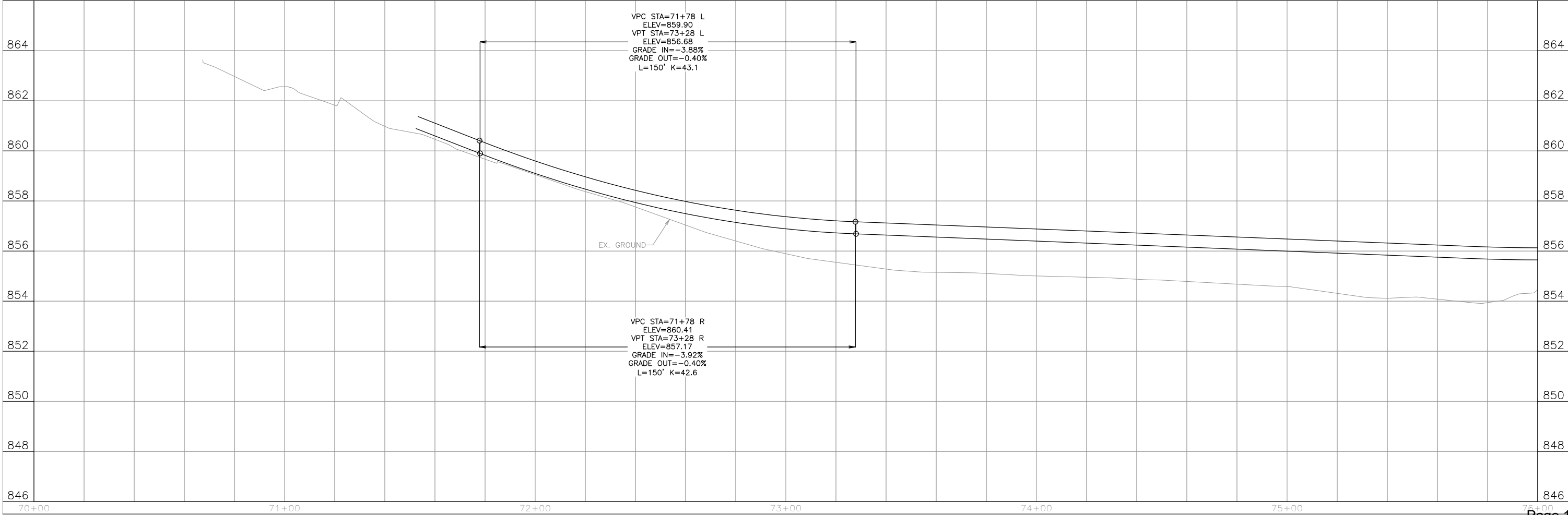
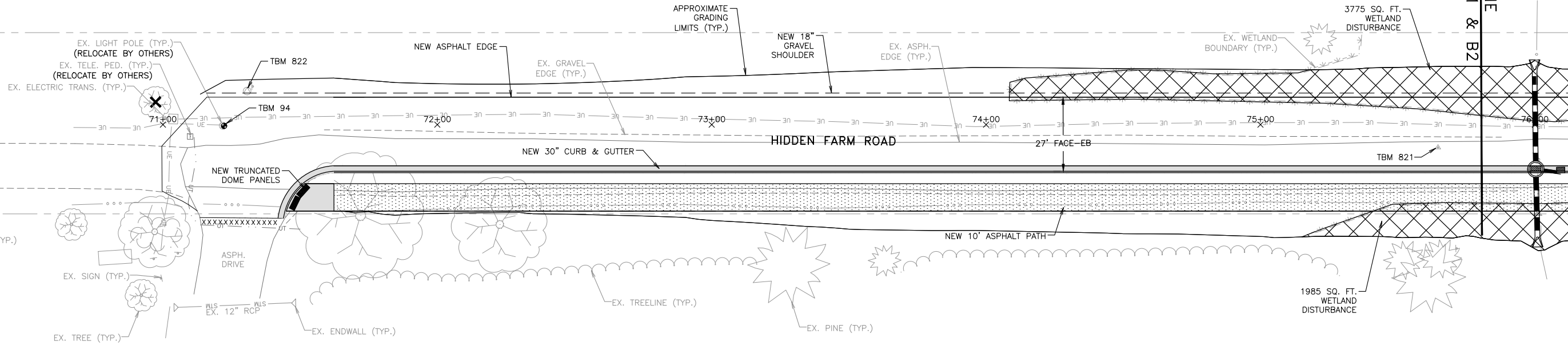
\*WHERE PLAN CROSS SECTIONS CONFLECT WITH THIS DETAIL, THE PLAN CROSS SECTION SHALL GOVERN.

NOTES: THE CROWN OF THE ROAD SHALL BE CREATED USING THE 3/4" CRUSHED AGGREGATE BASE COURSE. THE THICKNESS SHOWN IS THE MINIMUM THICKNESS REQUIRED AS MEASURED AT THE CONCRETE CURB & GUTTER SECTION.

THE 3" BREAKER RUN BASE COURSE THICKNESS MAY NEED TO BE INCREASED DEPENDING UPON SUBGRADE CONDITIONS.

DETAIL STREET CROSS SECTION

| TEMPORARY BENCHMARK TABLE |        |                                                          |
|---------------------------|--------|----------------------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                                              |
| 94                        | 862.21 | SPIKE IN NE SIDE OF LIGHT POLE ACROSS FROM PARK ENTRANCE |
| 821                       | 855.16 | PK NAIL IN WEST EB OF HIDDEN FARM ROAD                   |
| 822                       | 860.22 | REBAR W/CAP SET ON TRAIL OPPOSITE OF PARK ENTRANCE       |



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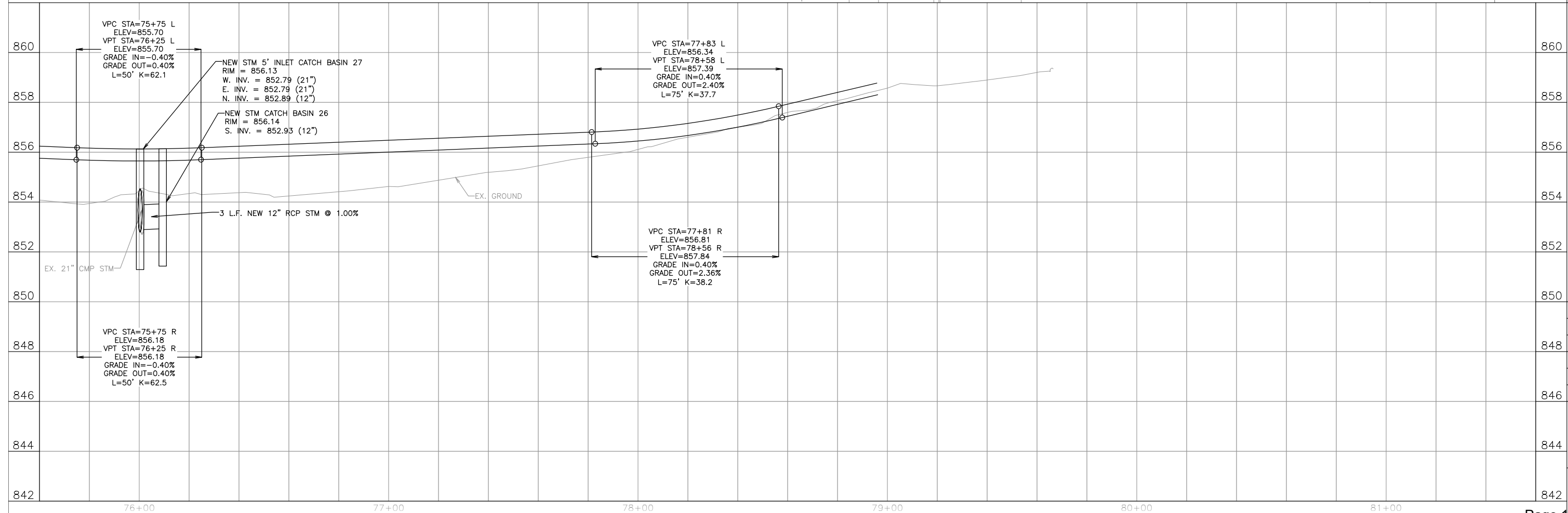
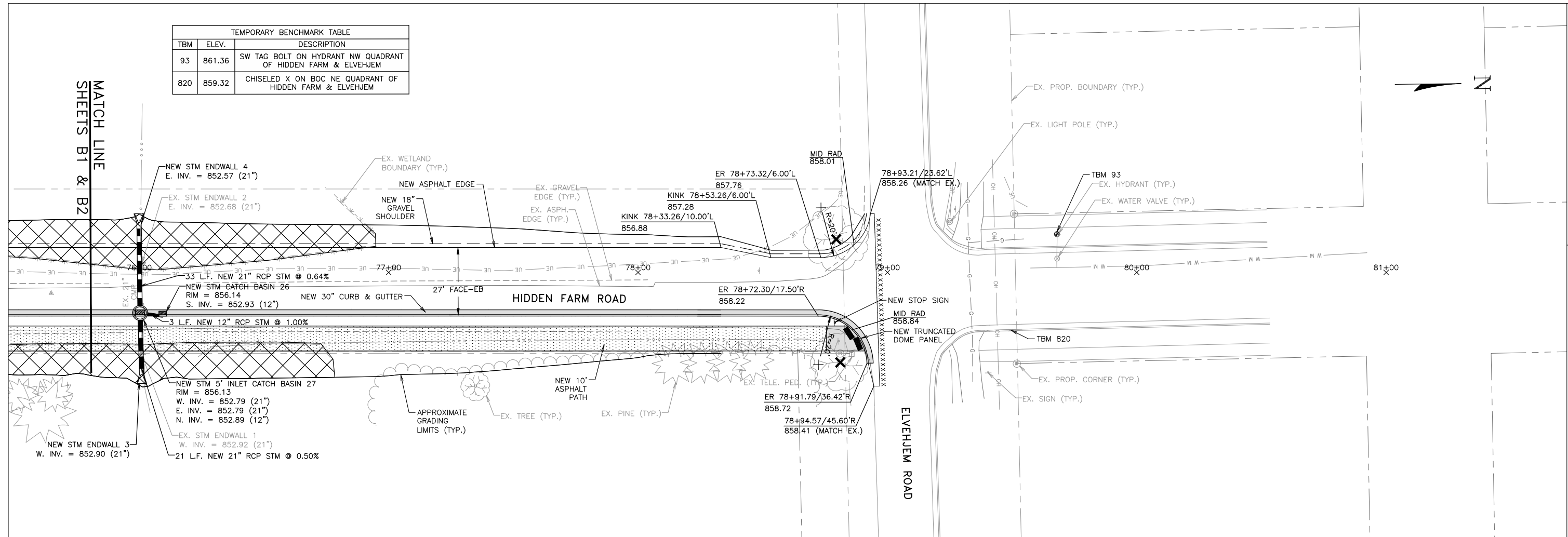
**tc** TOWN & COUNTRY  
ENGINEERING, INC.

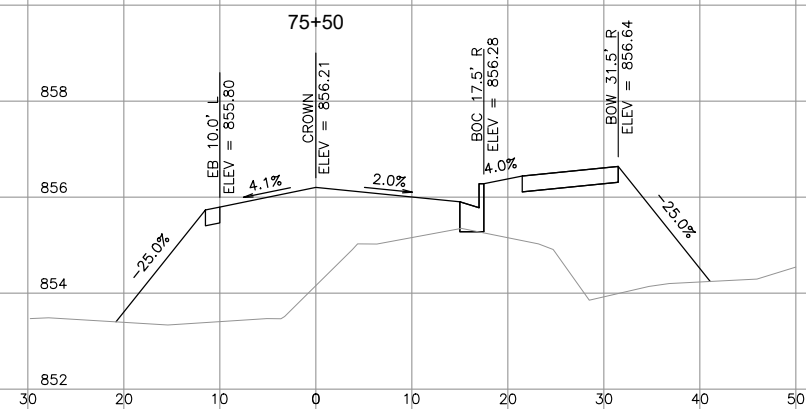
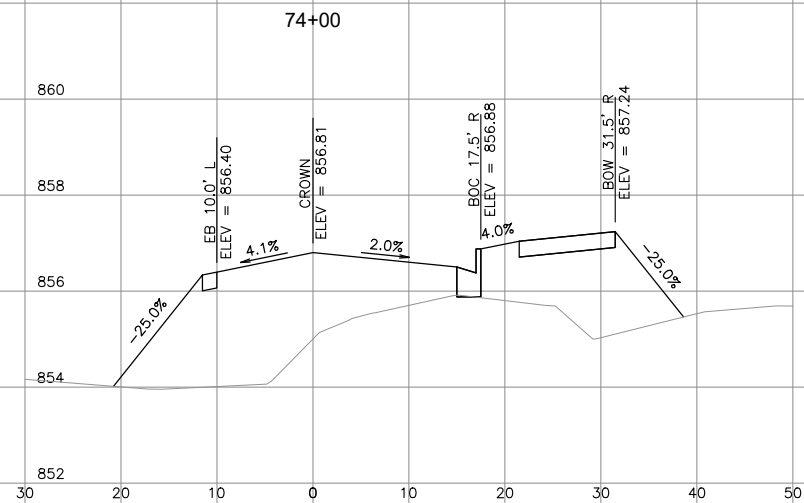
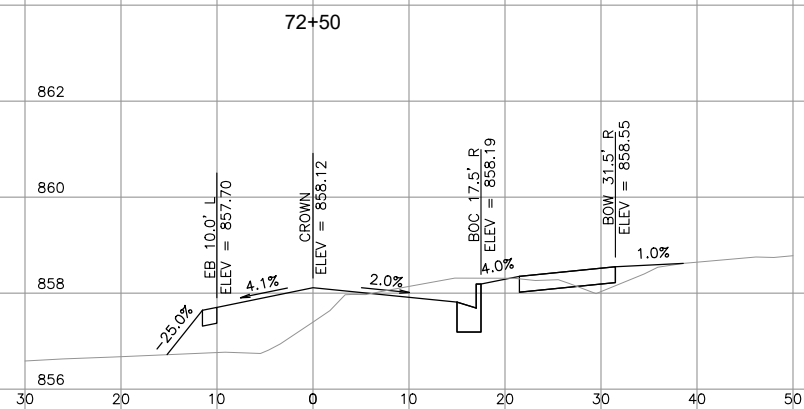
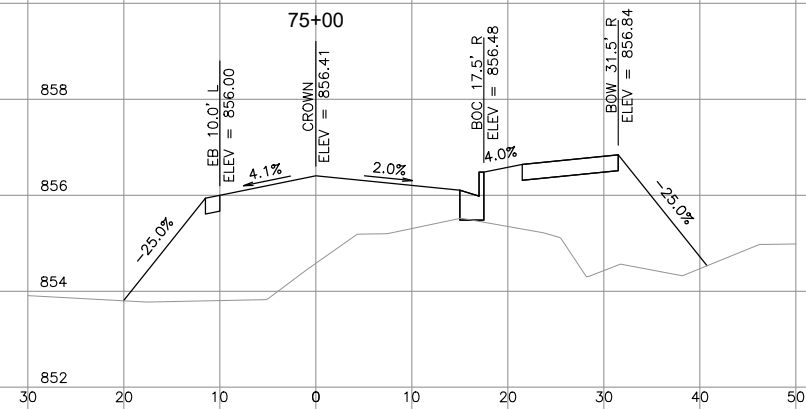
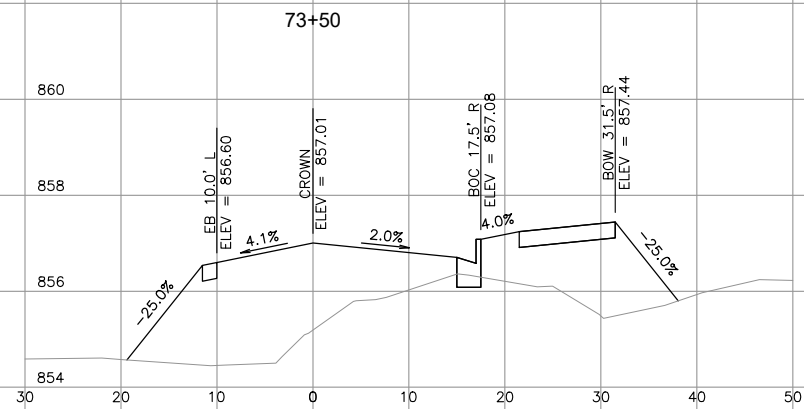
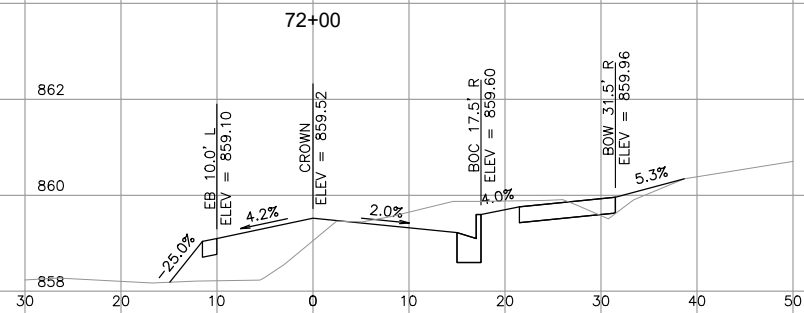
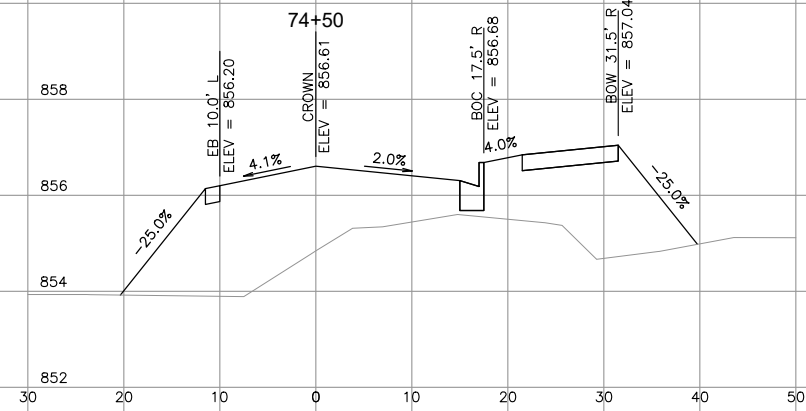
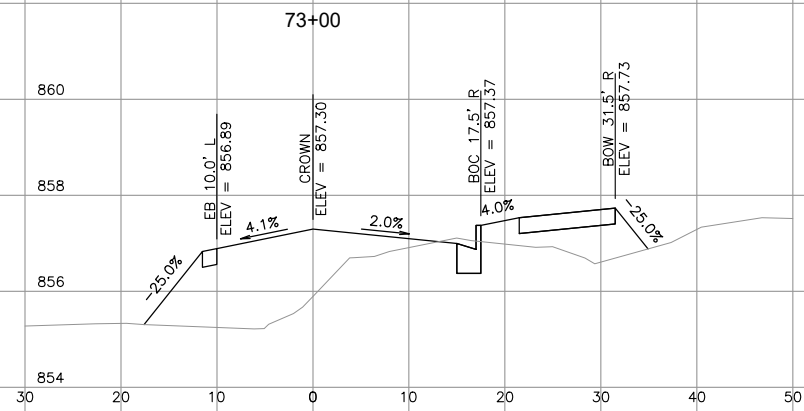
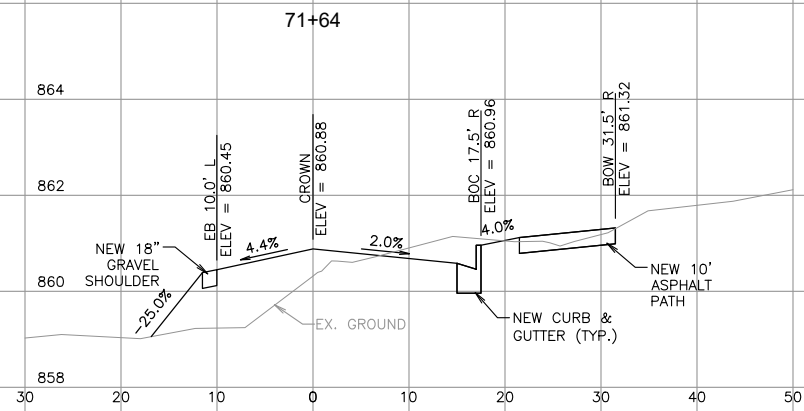
PLAN & PROFILE  
HIDDEN FARM ROAD  
Station 70+00 To Station 76+00

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT B  
Village of McFarland, Wisconsin

PROJECT NO.: MC 129  
DRAWING FILE: HIDDEN FARM SHEETS.DWG  
DRAWN BY: J.R.K.  
CHECKED BY: T.J.S.  
DATE: 2-3-22  
REVISIONS:  
SCALE: HORIZONTAL 0 10 20  
VERTICAL 1 2  
SHEET: B1

| TEMPORARY BENCHMARK TABLE |        |                                                              |
|---------------------------|--------|--------------------------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                                                  |
| 93                        | 861.36 | SW TAG BOLT ON HYDRANT NW QUADRANT OF HIDDEN FARM & ELVEHJEM |
| 820                       | 859.32 | CHISELED X ON BOC NE QUADRANT OF HIDDEN FARM & ELVEHJEM      |





EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
FINISHED CONTOURS ARE DENOTED BY DARKER LINES.  
DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.

**tc TOWN & COUNTRY**  
ENGINEERING, INC.

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(608) 273-3350  
[www.tcengineers.net](http://www.tcengineers.net)

CROSS SECTIONS  
HIDDEN FARM ROAD  
Station 71+64 To Station 75+50

**TREET AND UTILITY IMPROVEMENTS**  
**CONTRACT B**  
Village of McFarland Wisconsin

|               |                        |
|---------------|------------------------|
| PROJECT NO.:  | MC 129                 |
| DRAWING FILE: | HIDDEN FARM SHEETS.DWG |
| DRAWN BY:     | J.R.K.                 |
| CHECKED BY:   | T.J.S.                 |

DATE: 2-3-22

SCALE: HORIZONTAL  
0 2.5 5 10

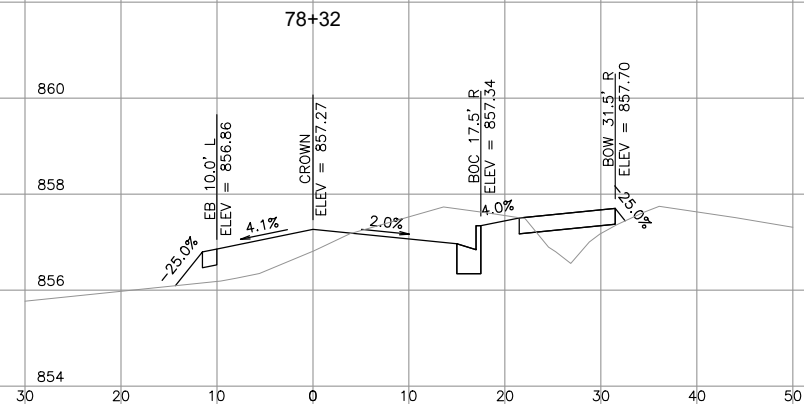
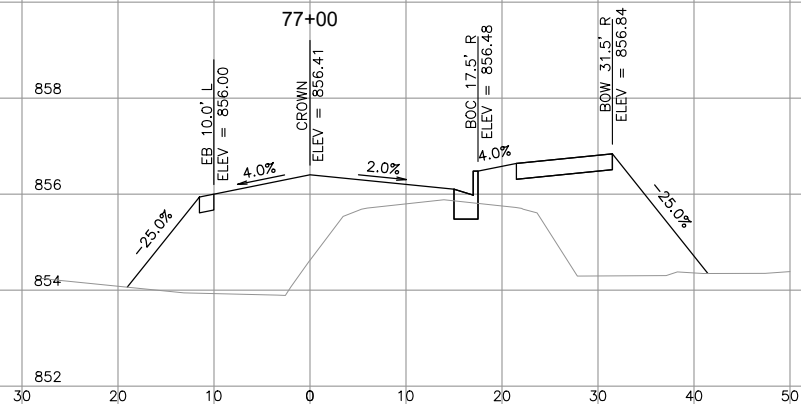
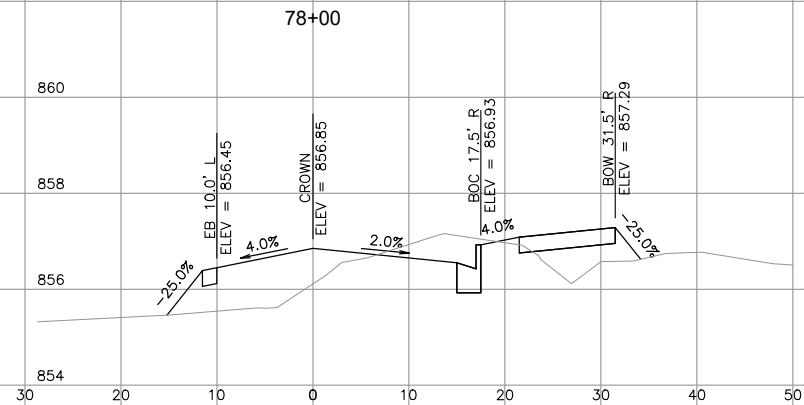
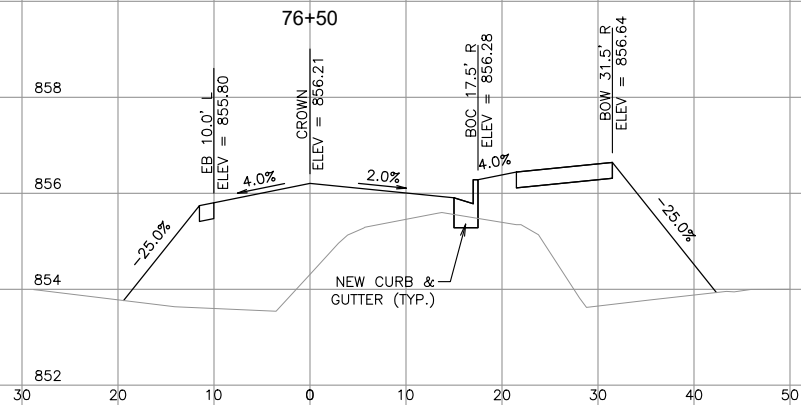
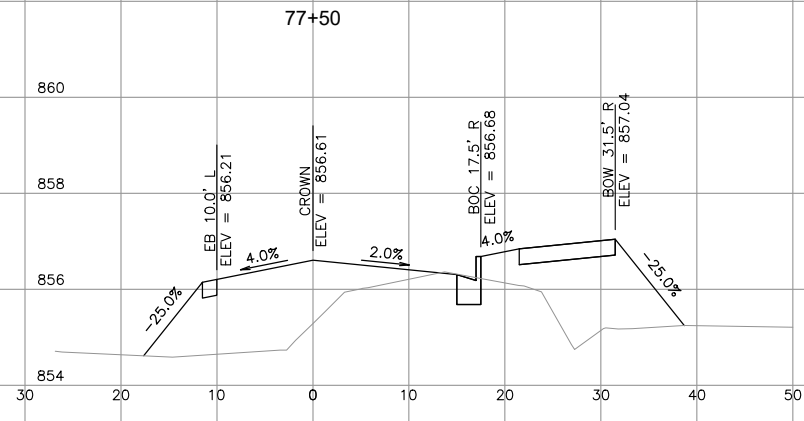
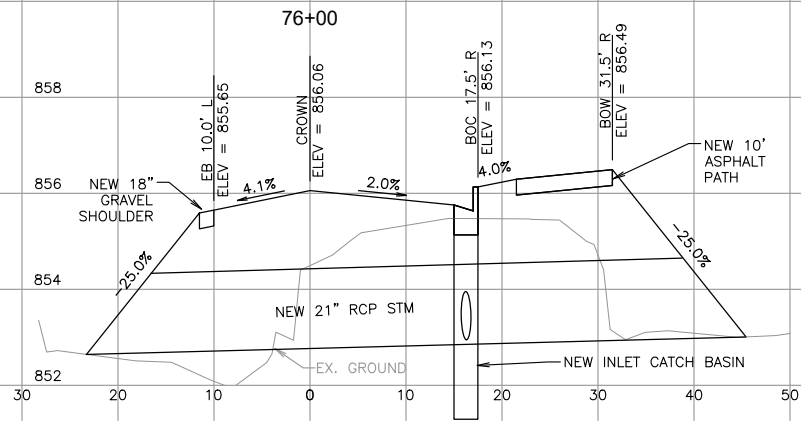
VERTICAL

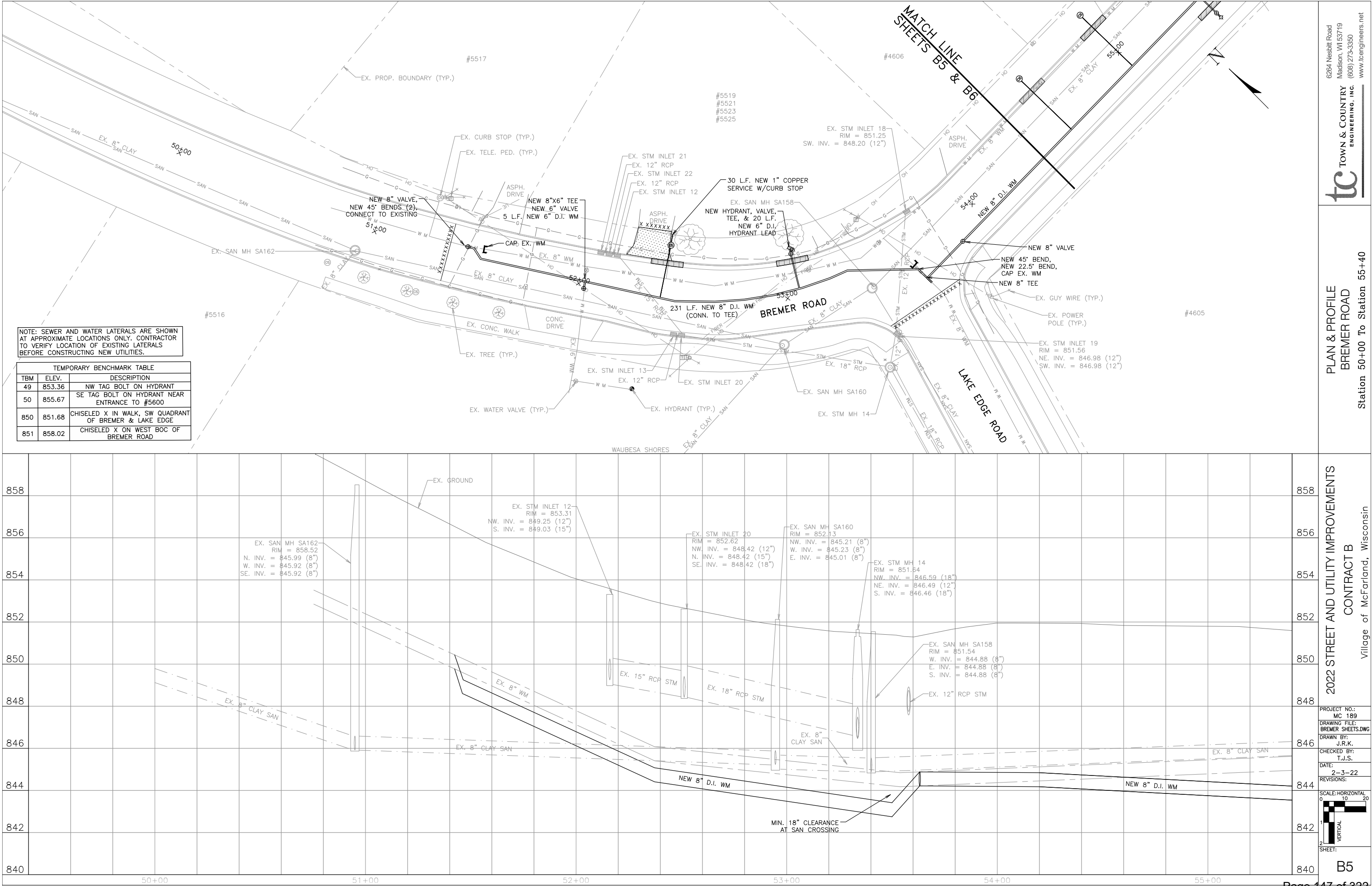
SHEET:

B3



EXISTING CONTOURS ARE DENOTED BY LIGHTER LINES.  
FINISHED CONTOURS ARE DENOTED BY DARKER LINES.  
DRIVE OVER CURB ELEVATIONS ARE LABELED AT FULL  
CURB HEIGHT.

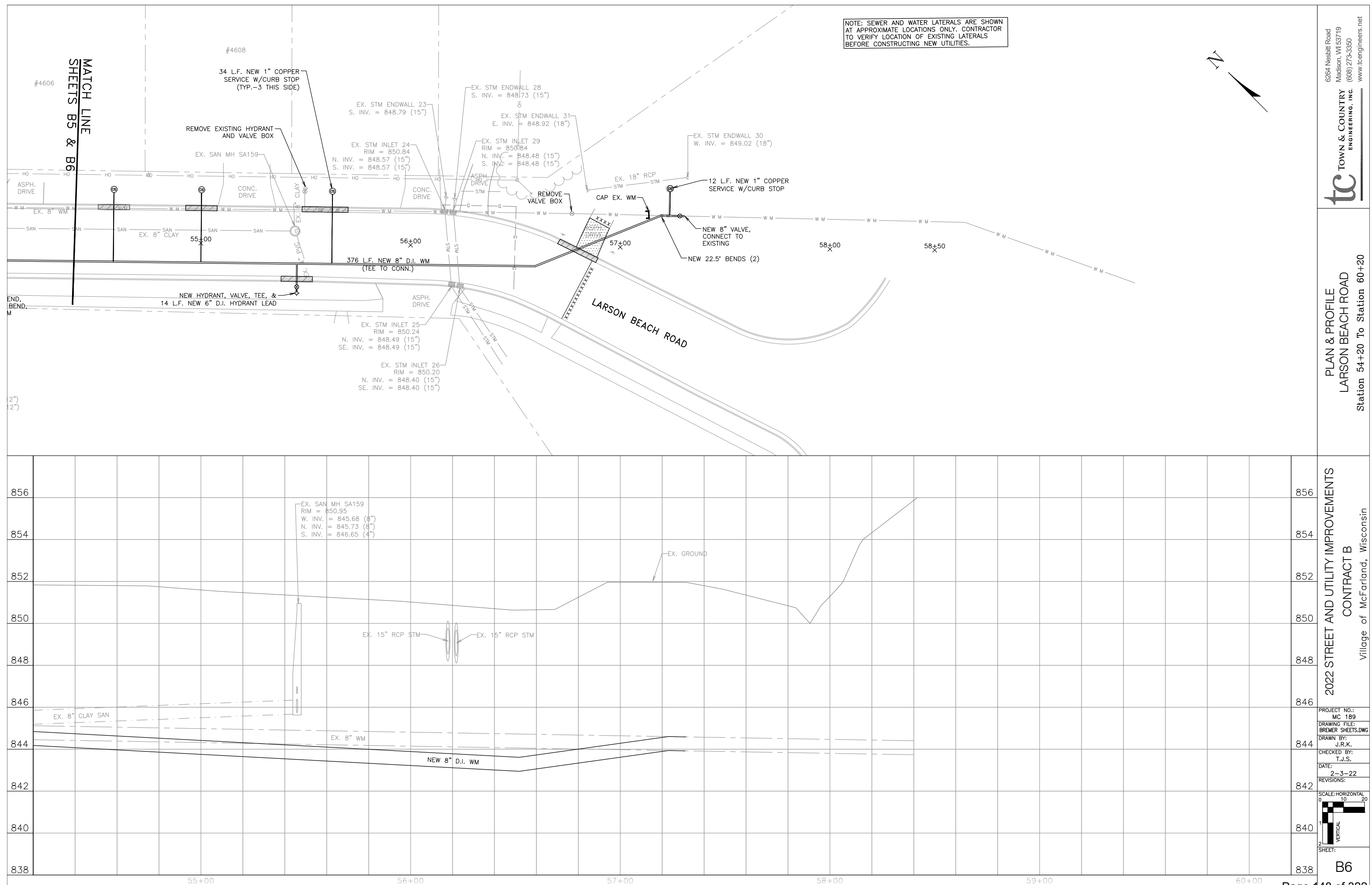




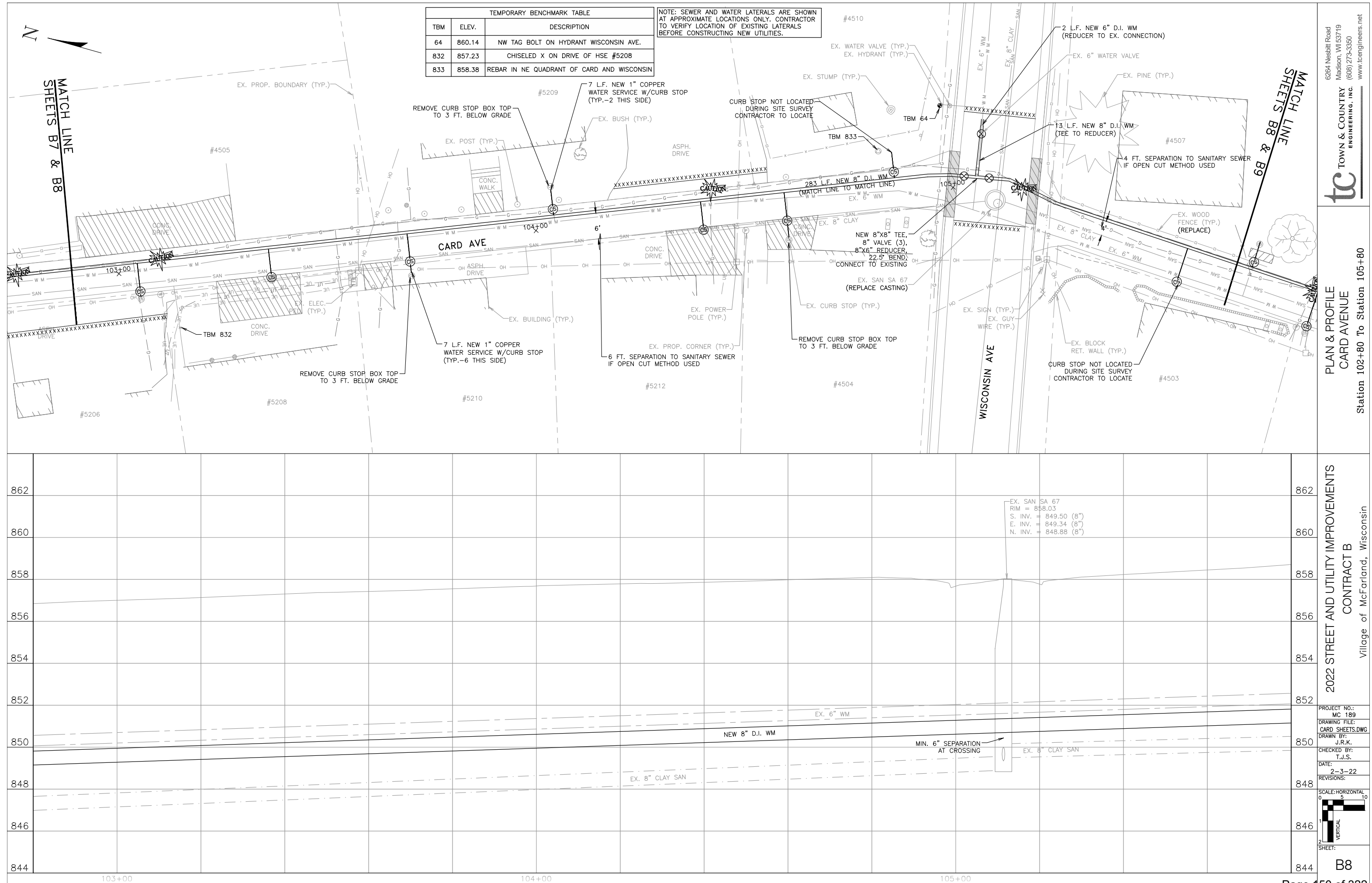
NOTE: SEWER AND WATER LATERALS ARE SHOWN AT APPROXIMATE LOCATIONS ONLY. CONTRACTOR TO VERIFY LOCATION OF EXISTING LATERALS BEFORE CONSTRUCTING NEW UTILITIES.

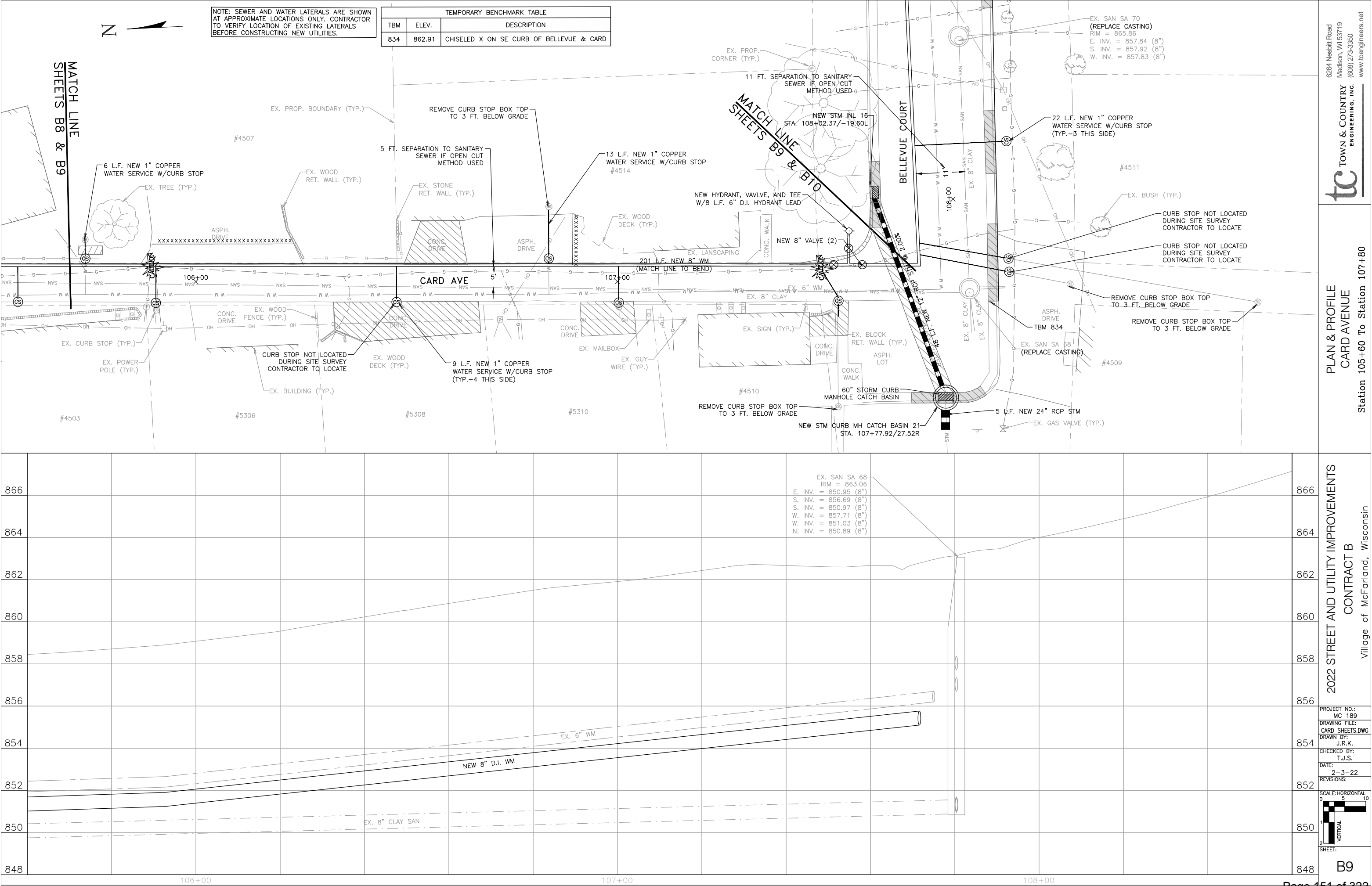
| TEMPORARY BENCHMARK TABLE |        |                                                       |
|---------------------------|--------|-------------------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                                           |
| 49                        | 853.36 | NW TAG BOLT ON HYDRANT                                |
| 50                        | 855.67 | SE TAG BOLT ON HYDRANT NEAR ENTRANCE TO #5600         |
| 850                       | 851.68 | CHISELED X IN WALK, SW QUADRANT OF BREMER & LAKE EDGE |
| 851                       | 858.02 | CHISELED X ON WEST BOC OF BREMER ROAD                 |



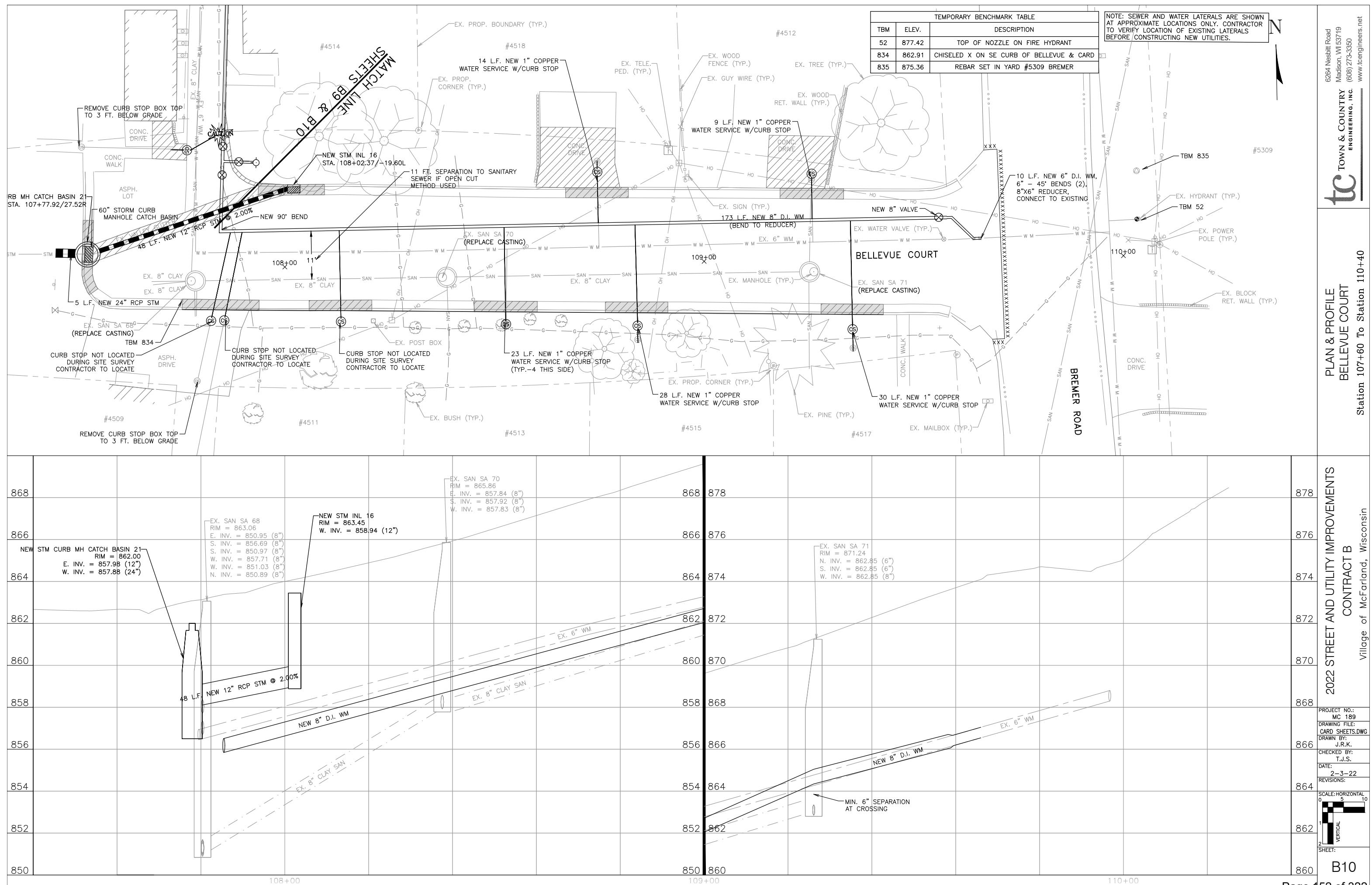


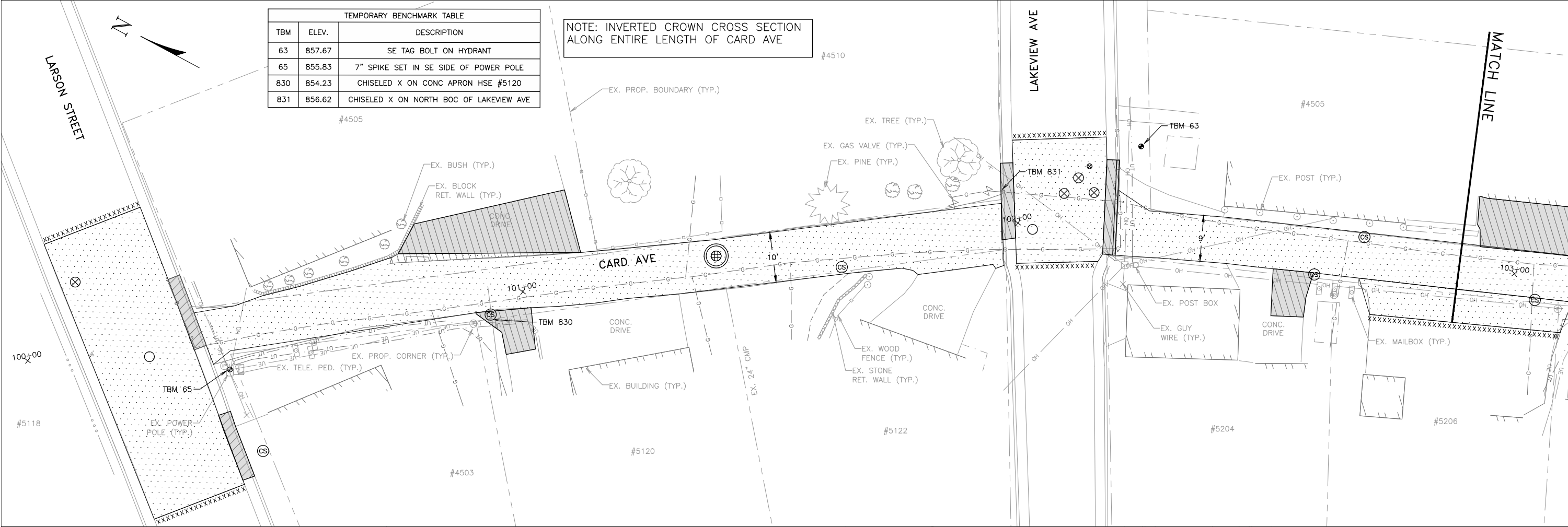






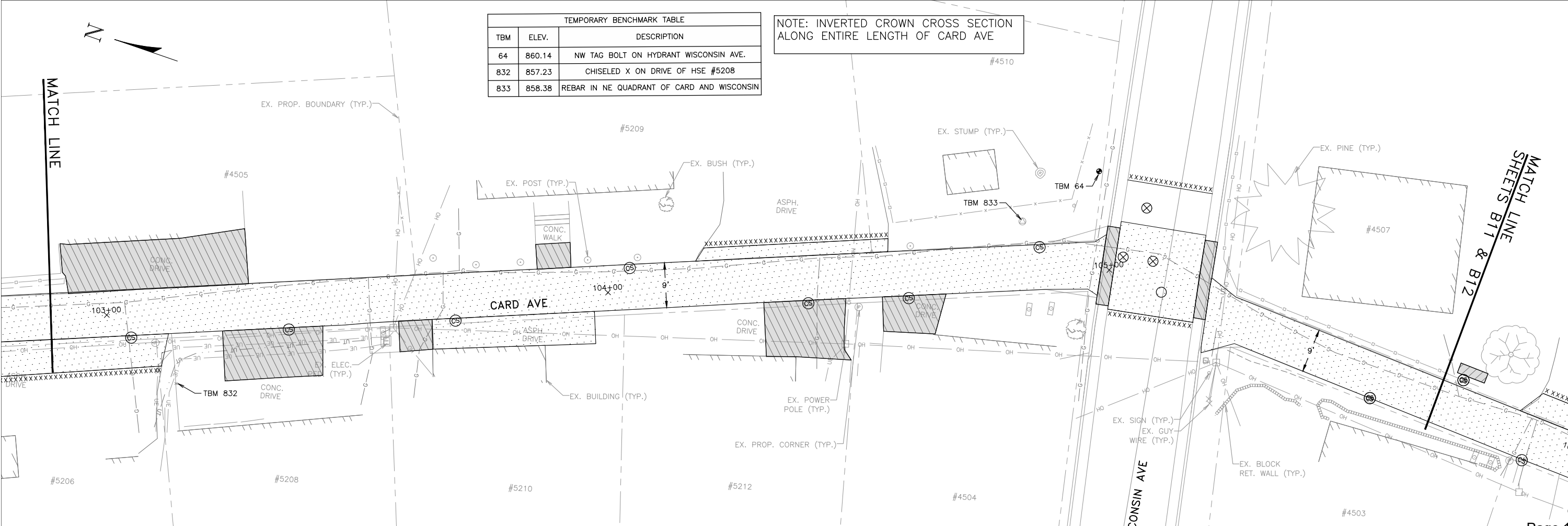






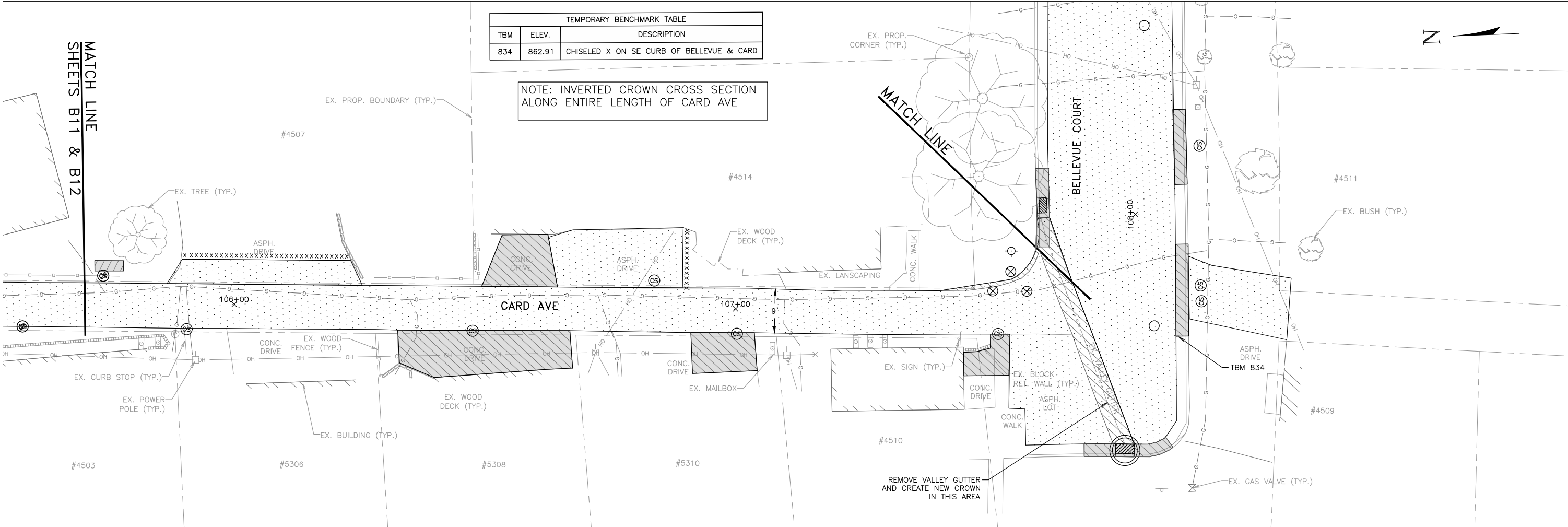
| TEMPORARY BENCHMARK TABLE |        |                                         |
|---------------------------|--------|-----------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                             |
| 63                        | 857.67 | SE TAG BOLT ON HYDRANT                  |
| 65                        | 855.83 | 7" SPIKE SET IN SE SIDE OF POWER POLE   |
| 830                       | 854.23 | CHISELED X ON CONC APRON HSE #5120      |
| 831                       | 856.62 | CHISELED X ON NORTH BOC OF LAKEVIEW AVE |

NOTE: INVERTED CROWN CROSS SECTION  
ALONG ENTIRE LENGTH OF CARD AVE



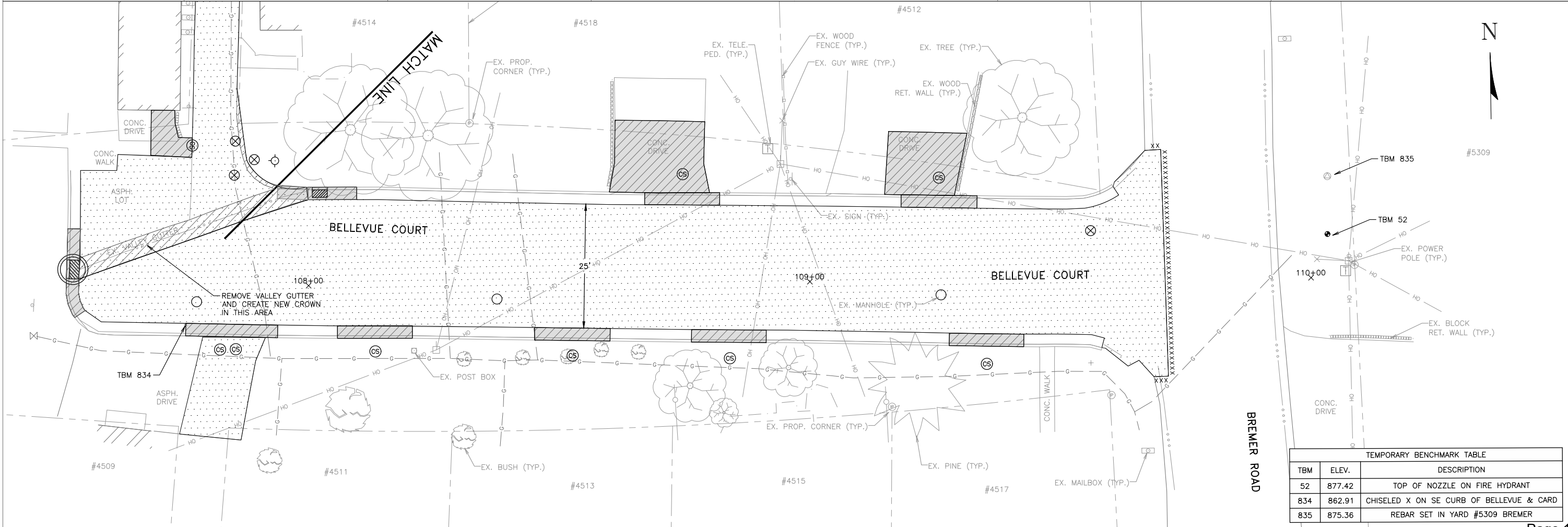
| TEMPORARY BENCHMARK TABLE |        |                                            |
|---------------------------|--------|--------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                                |
| 64                        | 860.14 | NW TAG BOLT ON HYDRANT WISCONSIN AVE.      |
| 832                       | 857.23 | CHISELED X ON DRIVE OF HSE #5208           |
| 833                       | 858.38 | REBAR IN NE QUADRANT OF CARD AND WISCONSIN |

NOTE: INVERTED CROWN CROSS SECTION  
ALONG ENTIRE LENGTH OF CARD AVE



| TEMPORARY BENCHMARK TABLE |        |                                          |
|---------------------------|--------|------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                              |
| 834                       | 862.91 | CHISELED X ON SE CURB OF BELLEVUE & CARD |

NOTE: INVERTED CROWN CROSS SECTION  
ALONG ENTIRE LENGTH OF CARD AVE



| TEMPORARY BENCHMARK TABLE |        |                                          |
|---------------------------|--------|------------------------------------------|
| TBM                       | ELEV.  | DESCRIPTION                              |
| 52                        | 877.42 | TOP OF NOZZLE ON FIRE HYDRANT            |
| 834                       | 862.91 | CHISELED X ON SE CURB OF BELLEVUE & CARD |
| 835                       | 875.36 | REBAR SET IN YARD #5309 BREMER           |

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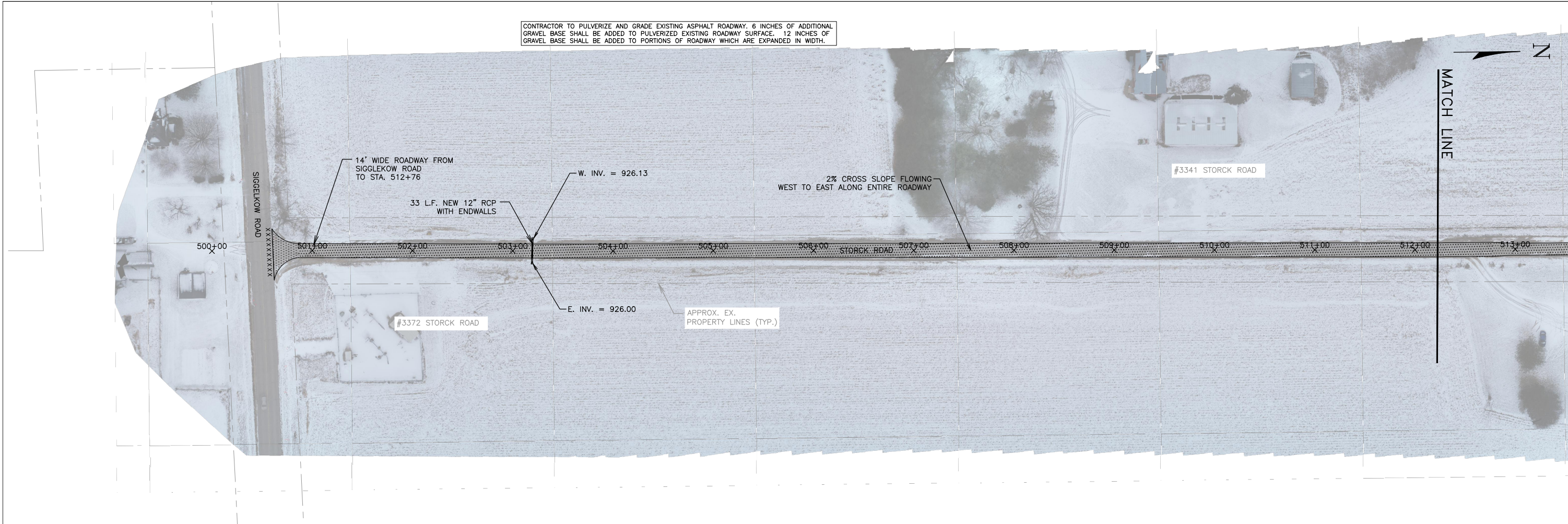
**tc** TOWN & COUNTRY  
ENGINEERING, INC.

PLAN - CARD AVENUE & BELLEVUE COURT  
Station 105+60 To Station 107+80  
Station 107+60 To Station 110+40

2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT B  
Village of McFarland, Wisconsin

PROJECT NO.: MC 189  
DRAWING FILE: CARD SHEETS.DWG  
DRAWN BY: J.R.K.  
CHECKED BY: T.J.S.  
DATE: 2-3-22  
REVISIONS:  
SCALE: HORIZONTAL 0 5 10  
VERTICAL 1 2  
SHEET: B12









**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Public Works

**CONTACT:** Jim Hessling, Public Works Director, Lee Igl, Streets/Utilities Superintendent

**AGENDA ITEM:** Discussion and action regarding the award of Contract C for the 2022 Stormwater Improvement Project(s).

**PREVIOUS ACTION:**

The Public Utilities Committee recommended approval of the design for the project and requested authorization to bid the project at its meeting on December 21, 2021.

The Village Board approved the recommendation from Committee in order to approve the design and send the project to bidding at its meeting on January 10, 2022.

Bids were opened on February 17, 2022.

At its meeting on March 8, 2022, the Public Utilities Committees recommended to award Contract C to R & T Voegeli of Monroe in the amount of \$49,970 for the base bid and approving the total project cost of \$58,965 including contingency engineering.

**ISSUE SUMMARY:**

The 2022 Stormwater Improvement Project includes structure improvements at the Osborn Storm Water Pond and to an outfall on Terminal Drive. The Public Utilities Committee moved these projects forward for bidding late in 2021 with the Board sending them to bid earlier this year. There were three contracts bid as part of the same process and Contract C is for these listed locations. Town and Country received nineteen requested sets of plans, specifications and bidding documents from general contractors, subcontractors and material suppliers. Of the nineteen, two contractors submitted bids. Town and Country Engineering has provided an analysis of the bids received included within the packet and recommends the award of contract to R & T Voegeli Excavating, LLC. Additionally, the contractor is qualified in accordance with Village Ordinance. The Project will begin this Summer for completion in early Fall.

**FINANCIAL/BUDGET IMPACT:**

The total budget for this project is \$110,000 to be paid for through borrowed money within the Stormwater Utility Fund. The project costs for these bids came in under what was budgeted as follows:

49,970 Construction  
4,997 Contingency



3,998 Miscellaneous  
58,965 Total Estimated Cost

Contingency and engineering percentages were included at 10% and 8% respectively as is customary. Fund balance is planned for utilization and will be adjusted downward to account for the savings via the bidding process.

**VILLAGE PLAN REFERENCE:**

None.

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

*Motion, second to award Contract C to R & T Voegeli of Monroe in the amount of \$49,970 for the base bid approving the total project cost of \$58,965 including contingency and engineering.*

**ATTACHMENTS:**

1. Recommendation Ltr- Contract C
2. Bid Tabulation Results-mc189\_c
3. MC 189- CONTRACT C STORM IMPROVEMENTS



February 23., 2022

Village of McFarland  
5915 Milwaukee Street, P.O. Box 110  
McFarland, WI 53558

Attention: Mr. Matthew Schuenke, Administrator

Subject: Analysis of Bids and Recommendation for Award of Contracts; 2022 Street and  
Utility Improvements – Contract C

Bid Deadline: February 17, 2022, at 10:00 local time

Ladies and Gentlemen:

The purpose of this letter is to analyze the bids received for Contract C of the 2022 Street and Utility Improvements project and to recommend award of a contract. Contract C involves storm sewer repairs and rip rap installations beneath the Terminal Drive railroad bridge and at the Village's Osborn Stormwater Pond.

The pre-bid estimate for the base bid was \$99,152.00. Nineteen general contractors, subcontractors, and material suppliers requested sets of the plans, specifications and bidding documents. Two contractors submitted bids.

A summary of Contract C bids is as follows:

| Contractor                    | Base Bid    |
|-------------------------------|-------------|
| R & T Voegeli Excavating, LLC | \$49,970.00 |
| Raymond P. Cattell Inc.       | \$83,700.00 |

All of the bids were properly submitted. The low bidder is R & T Voegeli Excavating, LLC of Monroe, Wisconsin, an experienced landscaping, utility, and excavating contractor that has completed a similar project for the Village of Oregon. The bid prices are lower than the original budget. We recommend that R & T Voegeli Excavating, LLC be awarded Contract C for the base bid for a total of \$49,970.00.

This will be a unit price contract. That is, the contractors will be paid for the work actually performed on the basis on the unit prices bid. This means that the final line item costs could be either greater than or less than the bid totals. Also, unexpected conditions are sometimes encountered which result in increased project costs. Therefore, it would be wise to continue to carry the recommended 10% contingency.

If you have any questions with respect to our thoughts on this matter, I am available at your convenience to discuss them with you.

Very truly yours,  
TOWN & COUNTRY ENGINEERING, INC.



Tim Stieve, P.E.  
Project Engineer

TS:sai

J:\JOB#S\McFarland\MC-189-M4 2022 Street and Utility Improvements\Bidding\Recommendation Ltr- Contract C.docx

**BID TABULATION**

Project: 2022 Street and Utility Improvements Contact C- 2022 Storm Sewer Improvements  
 Engineer's Project Number: MC 189 Bid Deadline: February 17, 2022 at 10:00 a.m. local time

| ITEM NO.                                         | DESCRIPTION OF WORK                             | BID QUANT. | UNITS    | PRE-BID ESTIMATE |              | R & T Voegeli Excavating, LLC |              | Raymond P. Cattell Inc. |              |
|--------------------------------------------------|-------------------------------------------------|------------|----------|------------------|--------------|-------------------------------|--------------|-------------------------|--------------|
|                                                  |                                                 |            |          | UNIT PRICE       | AMOUNT       | UNIT PRICE                    | AMOUNT       | UNIT PRICE              | AMOUNT       |
| <b>CONTRACT C- 2022 STORM SEWER IMPROVEMENTS</b> |                                                 |            |          |                  |              |                               |              |                         |              |
| <b>Utility Work</b>                              |                                                 |            |          |                  |              |                               |              |                         |              |
| C1.                                              | Terminal Drive Outfall Excavation and Regrading | 1          | lump sum | \$ 35,000.00     | \$ 25,000.00 | \$ 3,750.00                   | \$ 3,750.00  | \$ 13,500.00            | \$ 13,500.00 |
| C2.                                              | Terminal Drive Outfall Rip-Rap Installation     | 20         | ton      | \$ 16.00         | \$ 320.00    | \$ 110.00                     | \$ 2,200.00  | \$ 300.00               | \$ 6,000.00  |
| C3.                                              | Osborn Pond Excavation and Grading              | 1          | lump sum | \$ 55,000.00     | \$ 55,000.00 | \$ 6,320.00                   | \$ 6,320.00  | \$ 12,500.00            | \$ 12,500.00 |
| C4.                                              | Osborn Pond Outfall Rip-Rap Installation        | 52         | ton      | \$ 16.00         | \$ 832.00    | \$ 100.00                     | \$ 5,200.00  | \$ 100.00               | \$ 5,200.00  |
| C5.                                              | Osborn Pond Endwall Repairs                     | 1          | lump sum | \$ 500.00        | \$ 500.00    | \$ 4,000.00                   | \$ 4,000.00  | \$ 12,500.00            | \$ 12,500.00 |
| C6.                                              | 54" Apron Endwall, with Grate                   | 1          | each     | \$ 4,000.00      | \$ 4,000.00  | \$ 9,500.00                   | \$ 9,500.00  | \$ 12,000.00            | \$ 12,000.00 |
| C7.                                              | 48" Apron Endwall, with Grate                   | 1          | each     | \$ 3,500.00      | \$ 3,500.00  | \$ 9,000.00                   | \$ 9,000.00  | \$ 12,000.00            | \$ 12,000.00 |
| C8.                                              | Railroad Insurance Allowance                    | 1          | lump sum | \$ 10,000.00     | \$ 10,000.00 | \$ 10,000.00                  | \$ 10,000.00 | \$ 10,000.00            | \$ 10,000.00 |
|                                                  | <b>TOTAL CONTRACT C</b>                         |            |          |                  | \$ 99,152.00 |                               | \$ 49,970.00 |                         | \$ 83,700.00 |



| SHEET INDEX – GENERAL |                                                     |
|-----------------------|-----------------------------------------------------|
| SHEET NO.             | SHEET DESCRIPTION                                   |
| 1                     | INDEX                                               |
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| 3                     | EROSION CONTROL PLAN                                |
| 4                     | EROSION CONTROL – STANDARD CONSTRUCTION DETAILS     |
| 5                     | SANITARY SEWER – STANDARD CONSTRUCTION DETAILS      |
| 6                     | WATER MAIN – STANDARD CONSTRUCTION DETAILS          |
| 7                     | STORM SEWER – STANDARD CONSTRUCTION DETAILS         |
| 8                     | STREET IMPROVEMENTS – STANDARD CONSTRUCTION DETAILS |

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| SHEET NO.                                   | SHEET DESCRIPTION                                              |
| SANITARY SEWER, WATER MAIN, AND STORM SEWER |                                                                |
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| A3                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 21+20 TO STATION 27+20 |
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| CURB & GUTTER AND STREET CONSTRUCTION       |                                                                |
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| A8                                          | PLAN & PROFILE – TERMINAL DRIVE STATION 26+80 TO STATION 32+80 |
| A9                                          | PLAN – SIGGELKOW ROAD SIDEWALK                                 |
| A10                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 12+08 TO STATION 13+50 |
| A11                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 14+00 TO STATION 15+42 |
| A12                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 15+50 TO STATION 17+53 |
| A13                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 17+71 TO STATION 18+77 |
| A14                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 19+00 TO STATION 19+50 |
| A15                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 20+00 TO STATION 20+84 |
| A16                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 21+00 TO STATION 22+00 |
| A17                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 22+17 TO STATION 23+17 |
| A18                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 23+31 TO STATION 24+50 |
| A19                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 24+89 TO STATION 26+50 |
| A20                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 27+00 TO STATION 29+50 |
| A21                                         | CROSS SECTIONS – TERMINAL DRIVE STATION 29+91 TO STATION 30+94 |

| SHEET INDEX – CONTRACT B |                                                                      |
|--------------------------|----------------------------------------------------------------------|
| SHEET NO.                | SHEET DESCRIPTION                                                    |
| B1                       | PLAN & PROFILE – HIDDEN FARM ROAD STATION 70+00 TO STATION 76+00     |
| B2                       | PLAN & PROFILE – HIDDEN FARM ROAD STATION 75+60 TO STATION 81+60     |
| B3                       | CROSS SECTIONS – HIDDEN FARM ROAD STATION 71+64 TO STATION 75+50     |
| B4                       | CROSS SECTIONS – HIDDEN FARM ROAD STATION 76+00 TO STATION 78+00     |
| B5                       | PLAN & PROFILE – BREMER ROAD STATION 50+00 TO STATION 55+40          |
| B6                       | PLAN & PROFILE – CARSON BEACH ROAD STATION 54+20 TO STATION 60+20    |
| B7                       | PLAN & PROFILE– CARD AVENUE STATION 100+00 TO STATION 103+00         |
| B8                       | PLAN & PROFILE– CARD AVENUE STATION 102+80 TO STATION 105+80         |
| B9                       | PLAN & PROFILE– CARD AVENUE STATION 105+60 TO STATION 107+80         |
| B10                      | PLAN & PROFILE– BELLEVUE COURT STATION 107+60 TO STATION 110+40      |
| B11                      | PLAN – CARD AVENUE STATION 100+00 TO STATION 105+80                  |
| B12                      | PLAN – CARD AVENUE & BELLEVUE COURT STATION 105+60 TO STATION 110+40 |
| B13                      | PLAN – STORCK ROAD STATION 500+00 TO STATION 525+00                  |

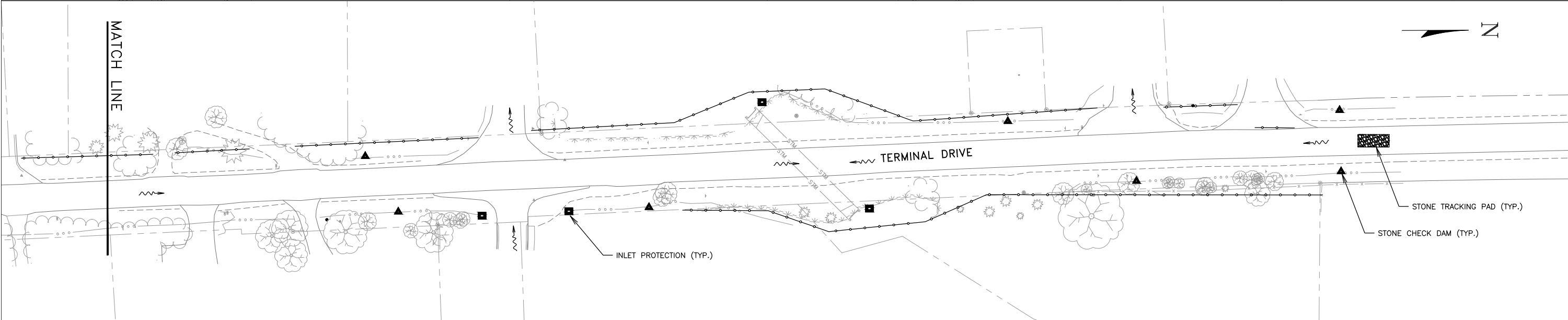
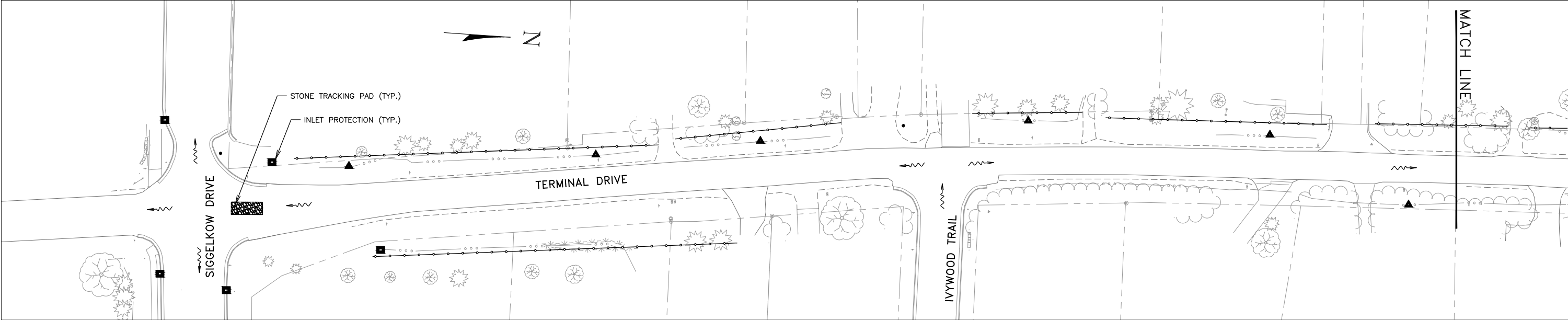
| SHEET INDEX – CONTRACT C |                                      |
|--------------------------|--------------------------------------|
| SHEET NO.                | SHEET DESCRIPTION                    |
| STORM SEWER IMPROVEMENTS |                                      |
| C1                       | PLAN – TERMINAL DRIVE & OSBORN DRIVE |

INDEX

2022 STREET AND UTILITY IMPROVEMENTS  
Village of McFarland, Wisconsin

|               |                      |
|---------------|----------------------|
| PROJECT NO.:  | MC 189               |
| DRAWING FILE: | TERMINAL DETAILS.DWG |
| DRAWN BY:     | J.R.K.               |
| CHECKED BY:   | T.J.S.               |
| DATE:         | 2-3-22               |
| REVISIONS:    |                      |
| SCALE:        | N.T.S.               |
| SHEET:        | 1                    |





EROSION CONTROL NOTES:

- LOCATIONS MARKED WITH "■" TO RECEIVE INLET FILTER PROTECTION DURING CONSTRUCTION. ALL NEW STREET INLETS MUST ALSO RECEIVE INLET FILTER PROTECTION.
- CONSTRUCT A STONE CHECK DAM IN GUTTER LINE AT ALL LOCATIONS MARKED WITH "▲"
- SURFACE FLOW DIRECTION IS INDICATED WITH
- SILT FENCE INSTALLATION IS INDICATED WITH
- POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
- KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
- SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
- REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT [http://dnr.wi.gov/topic/stormwater/standards/const\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/const_standards.html).
- INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
- INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.

- STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
- NOTIFY THE OWNER IF DEWATERING IS SCHEDULED TO OCCUR IN AREAS OF SOIL AND/OR GROUNDWATER CONTAMINATION, OR IF DEWATERING WILL OCCUR FROM A HIGH CAPACITY WELL (70 GPM OR MORE). DEWATER ONLY AFTER THE APPROPRIATE WDNR DEWATERING DISCHARGE PERMIT HAS BEEN OBTAINED.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. LIMIT PUMPING RATES TO EITHER (A) THE SEDIMENT BASIN/TRAP DESIGN DISCHARGE RATE, OR (B) THE BASIN DESIGN RELEASE RATE WITH THE CORRECTLY-FITTED HOSE AND GEOTEXTILE FILTER BAG. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061.
- INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
- REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
- INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071.
- IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
- SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE OWNER. SEPARATE SWEEPED MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068.

- PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
- COORDINATE WITH THE OWNER TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
- FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I, II OR III TYPE A EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
- FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS I, II, OR III TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
- MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
- INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.), OR AS DIRECTED BY THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT: <http://dnr.wi.gov/botw/>

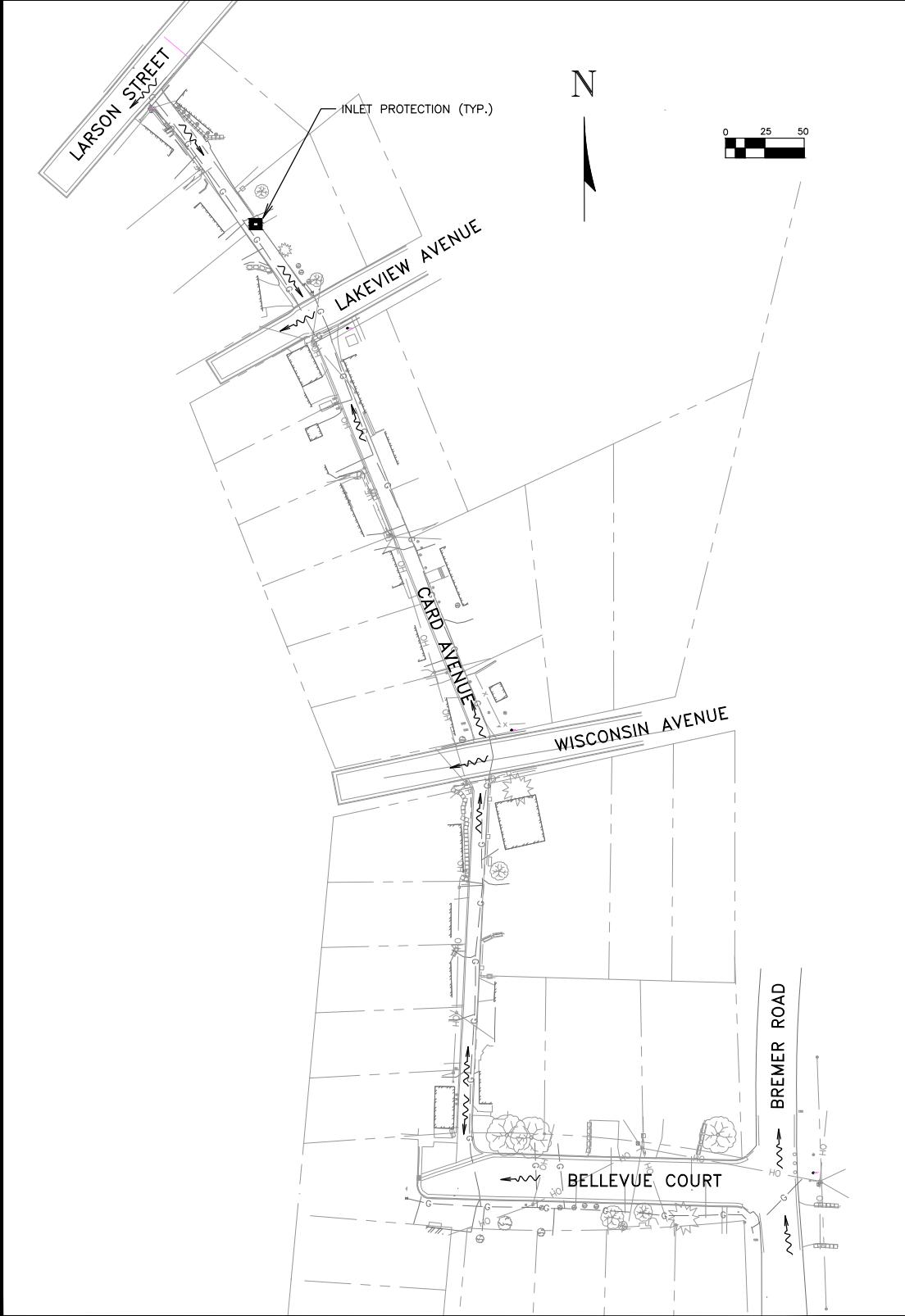
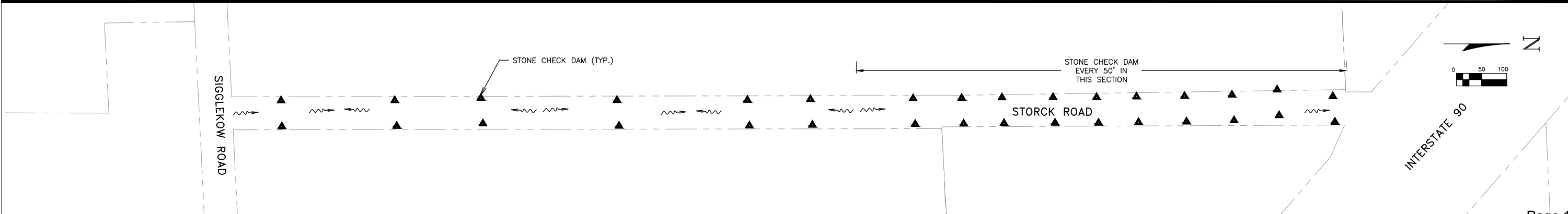
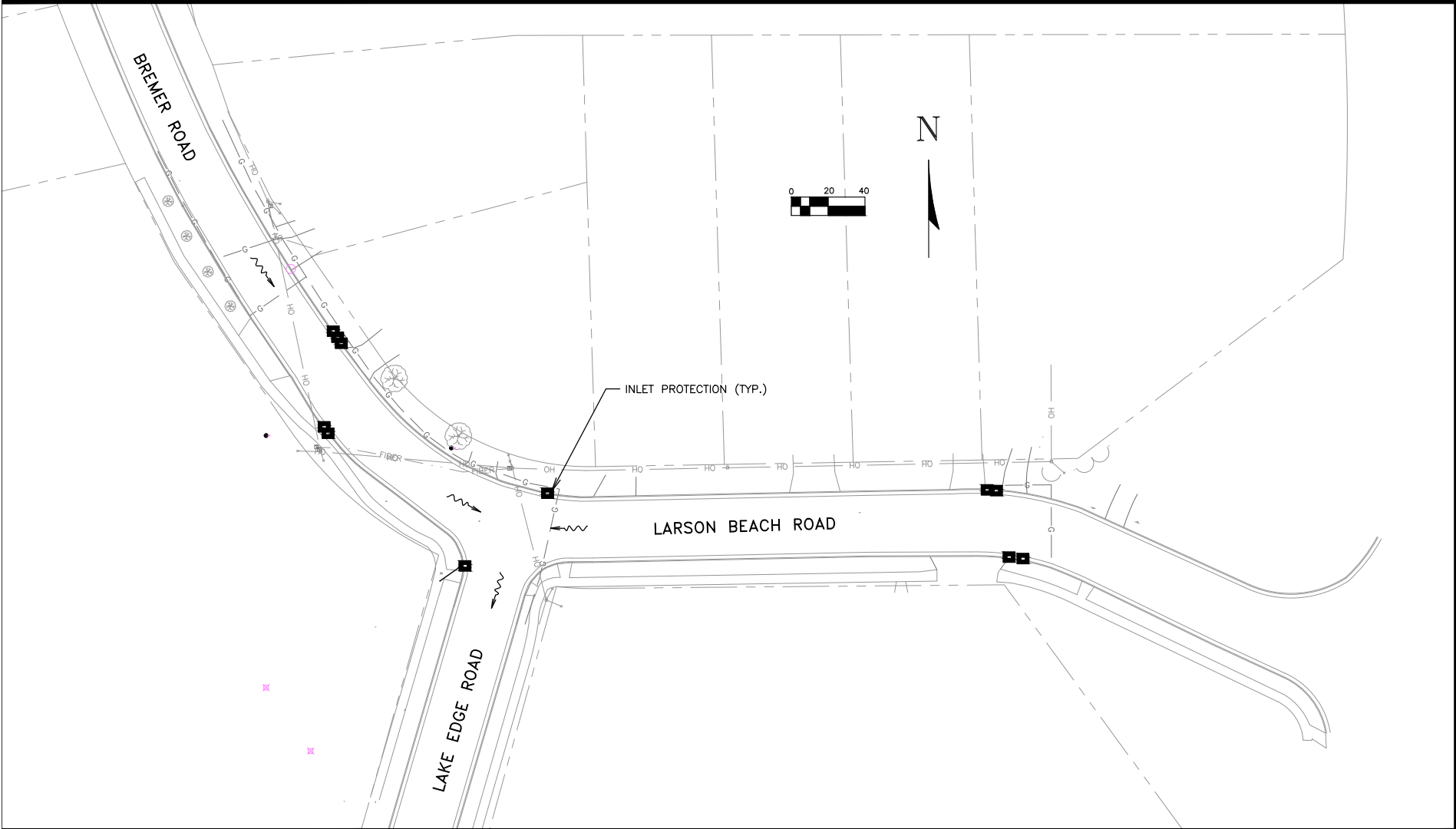
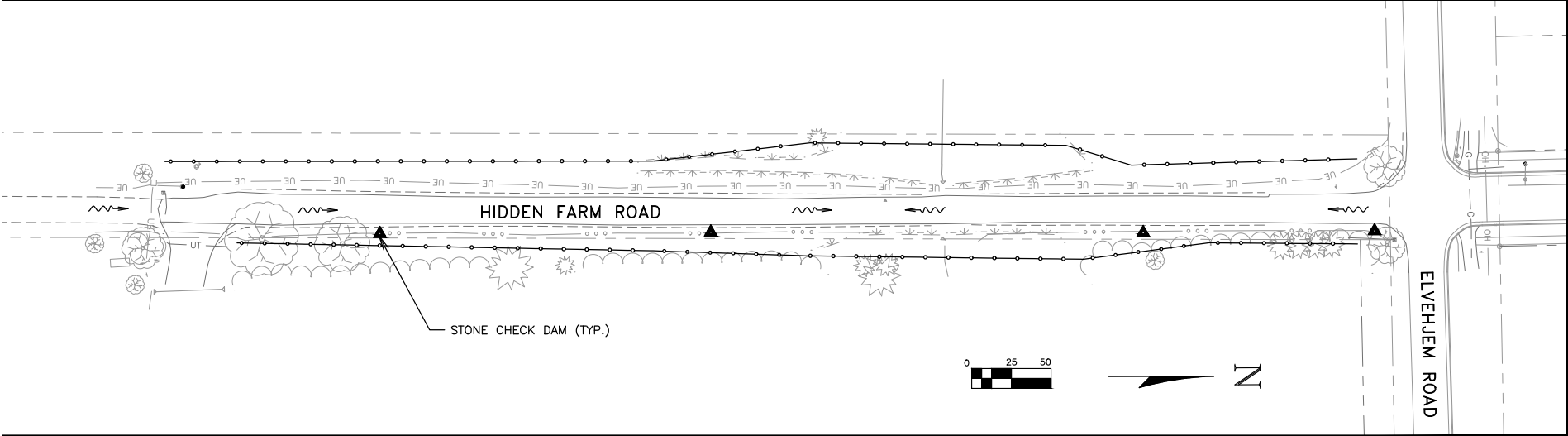
6264 Nesbitt Road  
Madison, WI 53719  
(608) 273-3350  
[www.townandcountryengineers.net](http://www.townandcountryengineers.net)

**tc** TOWN & COUNTRY  
ENGINEERING, INC.

EROSION CONTROL PLAN  
AND GENERAL NOTES

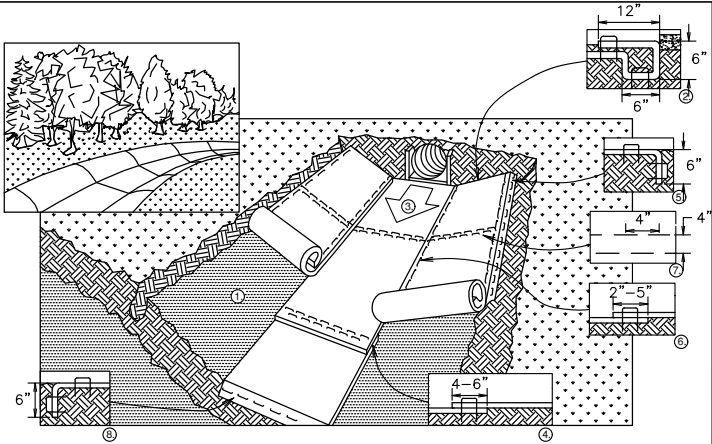
2022 STREET AND UTILITY IMPROVEMENTS  
CONTRACT A  
Village of McFarland, Wisconsin

PROJECT NO.:  
MC 189  
DRAWING FILE:  
TERMINAL.DWG  
DRAWN BY:  
J.R.K.  
CHECKED BY:  
T.J.S.  
DATE:  
2-3-22  
REVISIONS:  
SCALE:  
  
SHEET:  
2



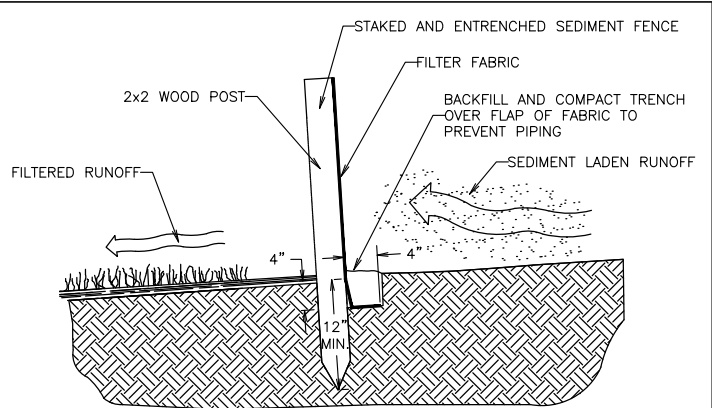
|                                                                                  |  |
|----------------------------------------------------------------------------------|--|
| 6264 Nesbitt Road<br>Madison, WI 53719<br>(608) 273-3350<br>www.tceengineers.net |  |
| tc TOWN & COUNTRY<br>ENGINEERING, INC.                                           |  |
| EROSION CONTROL PLAN                                                             |  |
| 2022 STREET AND UTILITY IMPROVEMENTS<br>CONTRACT B                               |  |
| Village of McFarland, Wisconsin                                                  |  |
| PROJECT NO.:<br>MC 129                                                           |  |
| DRAWING FILE:<br>HIDDEN FARM SHEETS.DWG                                          |  |
| DRAWN BY:<br>J.R.K.                                                              |  |
| CHECKED BY:<br>T.J.S.                                                            |  |
| DATE:<br>2-3-22                                                                  |  |
| REVISIONS:                                                                       |  |
| SCALE:                                                                           |  |
| VARIES                                                                           |  |
| SHEET:                                                                           |  |
| 3                                                                                |  |



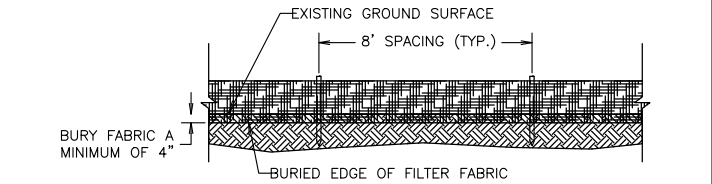


1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
  2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET
  3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
  4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
  5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
  6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 4" AND STAPLED.
  7. A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
  8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

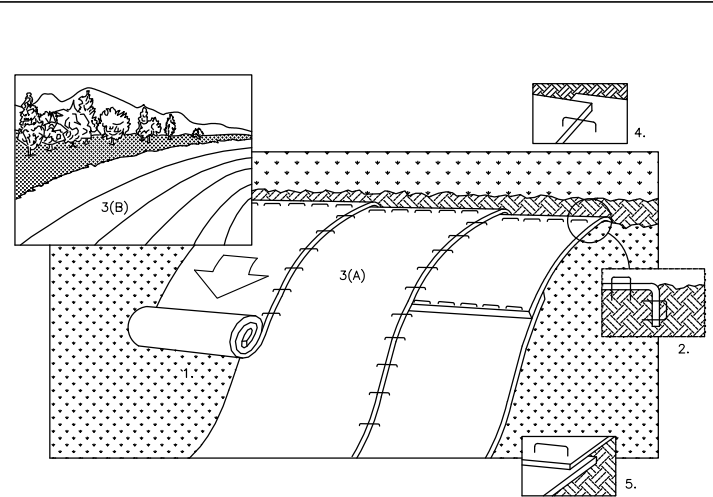
DETAIL  
EROSION CONTROL MAT - CHANNEL INSTALLATION



CROSS-SECTION OF A PROPERLY INSTALLED SEDIMENT FENCE

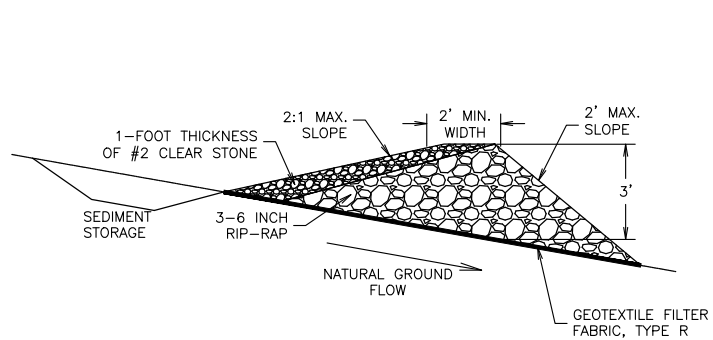


DETAIL  
SEDIMENT FENCE

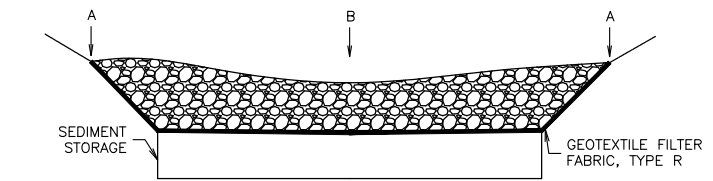


- NOTE:  
REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
  2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
  3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
  4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
  5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
  6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

DETAIL  
EROSION CONTROL MAT - SLOPE INSTALLATION

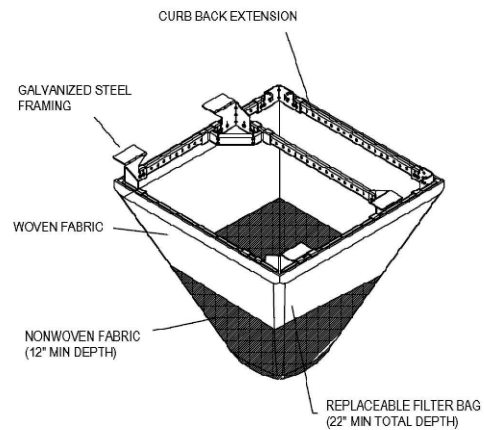


SECTION VIEW



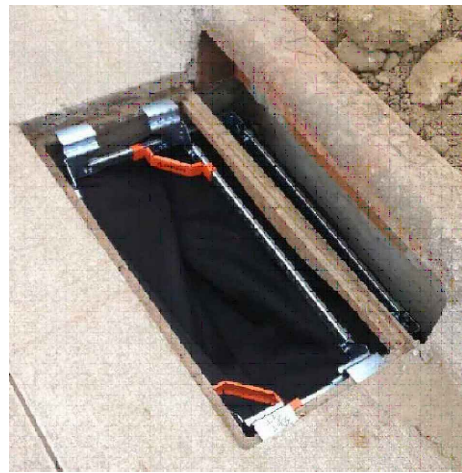
FRONT VIEW

DETAIL  
STONE CHECK DAM

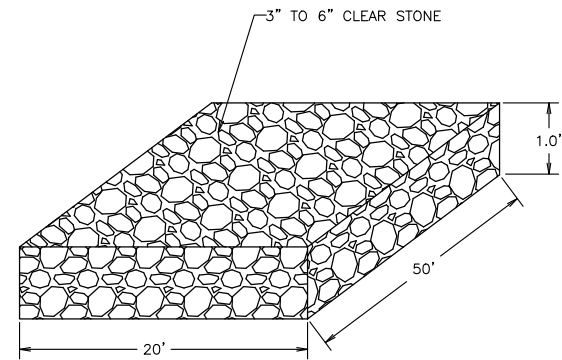


- GENERAL NOTES:
- WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
- FRAMED INLET PROTECTION SHALL BE COMPLIANT WITH ALL ASTM STANDARD D8057-17 REQUIREMENTS, INCLUDING:
- A. BYPASS OVERFLOW THAT MEETS OR EXCEEDS INLET DESIGN FLOW
  - B. FRAME AND BAG STRONG ENOUGH TO HANDLE FULL SEDIMENT LOAD.

DETAIL  
INLET PROTECTION - FRAMED (W/ CURB BOX)



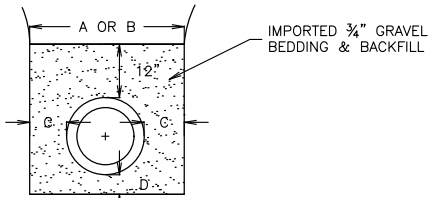
- INSTALLATION NOTES:
- NO PART OF INLET PROTECTION SHALL BE PROJECTING ABOVE THE GRATE.
- FOR COMBINATION INLETS, PROTECTION SHALL CAPTURE RUNOFF ENTERING BOTH GRATE AND CURB OPENING.
- A DUAL FABRIC FILTER BAG, WITH NON-WOVEN BOTTOM AND WOVEN TOP SHALL BE USED.
- THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



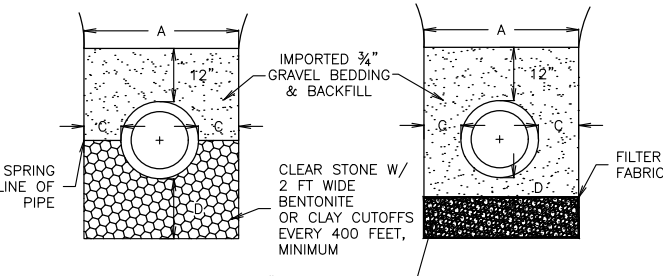
- NOTE:
- ON STREET SURFACES CRUSHED AGGREGATE BASE STONE SERVES AS TRACKING PAD.

DETAIL  
CLEAR STONE TRACKING PAD

DIMENSIONS:  
A: OUTSIDE DIAMETER OF PIPE PLUS 24" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36". TRENCH SHIELDS NARROWER THAN 4 FEET INSIDE WIDTH WILL NOT BE REQUIRED UNLESS SPECIFICALLY REQUIRED IN THE PROJECT SPECIFICATIONS.  
B: FOR ROCK, OUTSIDE DIAMETER OF PIPE PLUS 18" MAXIMUM, EXCEPT NEED NOT BE LESS THAN 36".  
C: MINIMUM - 6"  
D: MINIMUM 4" BELOW BARREL AND 3" BELOW BELL.



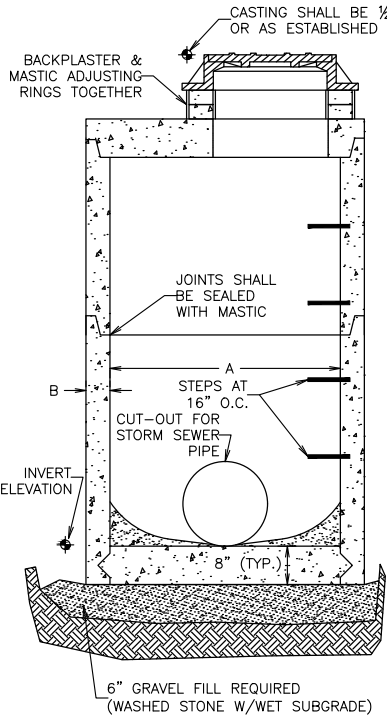
NORMAL PIPE TRENCH



WET TRENCH  
WITH SUMP DEWATERING

UNSTABLE TRENCH

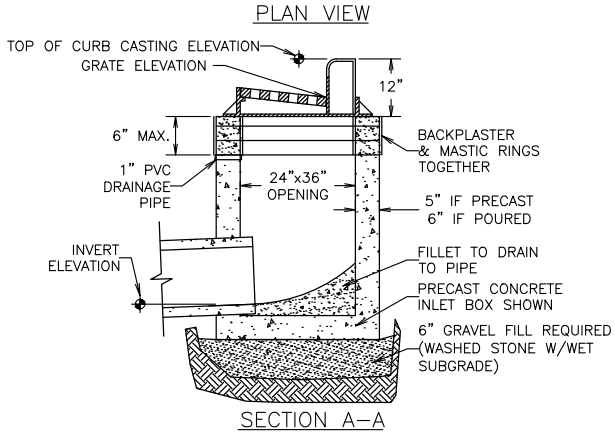
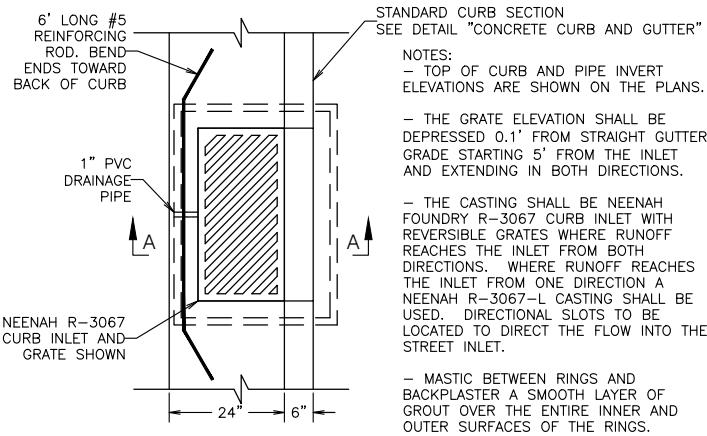
DETAIL  
TRENCH WIDTH AND BEDDING



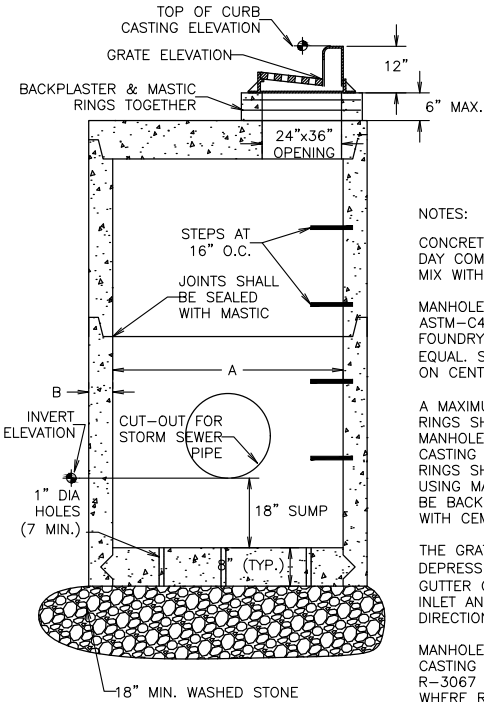
STORM MANHOLE DIMENSIONS

| MANHOLE SIZE | DIMENSION |          |
|--------------|-----------|----------|
|              | A         | B (MIN.) |
| 48"          | 48"       | 5"       |
| 60"          | 60"       | 6"       |
| 72"          | 72"       | 7"       |
| 84"          | 84"       | 7"       |
| 96"          | 96"       | 9"       |

DETAIL  
STORM SEWER MANHOLE AND INLET



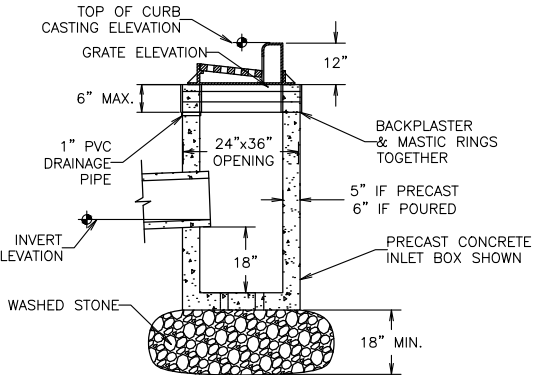
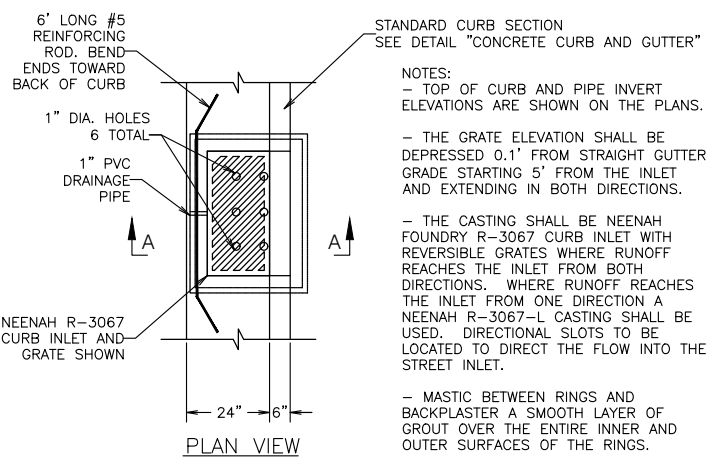
DETAIL  
RECTANGULAR CURB INLET



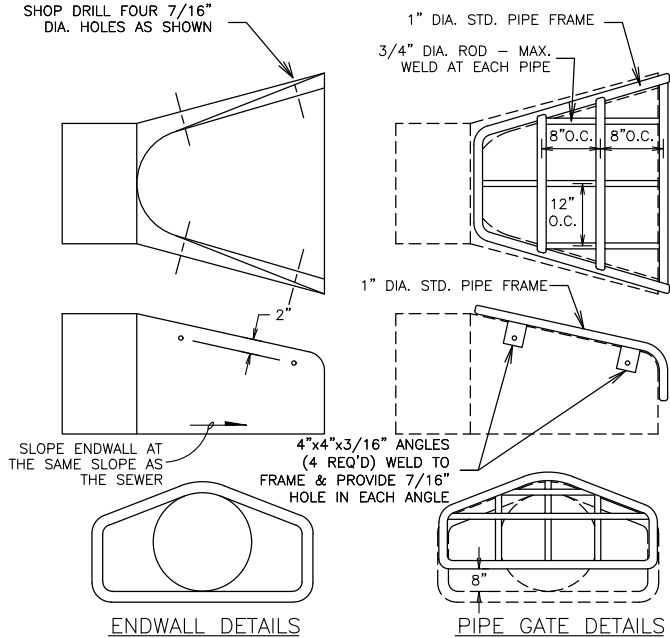
STORM MANHOLE DIMENSIONS

| MANHOLE SIZE | DIMENSION |          |
|--------------|-----------|----------|
|              | A         | B (MIN.) |
| 48"          | 48"       | 5"       |
| 60"          | 60"       | 6"       |
| 72"          | 72"       | 7"       |
| 84"          | 84"       | 7"       |
| 96"          | 96"       | 9"       |

DETAIL  
STORM SEWER MANHOLE CATCH BASIN



DETAIL  
RECTANGULAR CATCH BASIN



ENDWALL DETAILS

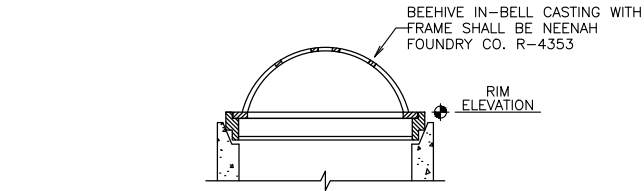
PIPE GATE DETAILS

NOTES:  
- THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH FOUR 3/8"x6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.

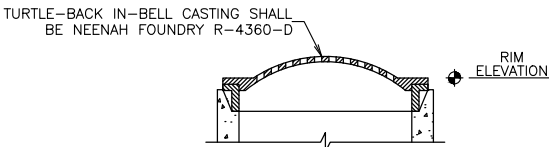
PAINTING SPECIFICATIONS:  
- THE PIPE GATE SHALL RECEIVE THE FOLLOWING PREPARATION & PAINTING. THE FIRST COAT SHALL BE RUS-OLEUM X-60 RED BARE METAL PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUST-OLEUM 960 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE THIRD COAT SHALL BE RUS-OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.

PREPARATION STEPS:  
1. BARE METAL SURFACES - TREAT WITH THE THREE-COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING.  
2. EACH COAT OF PAINT SHALL BE APPLIED OVER THE ENTIRE GATE SURFACE.  
3. ALLOW 24-48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.

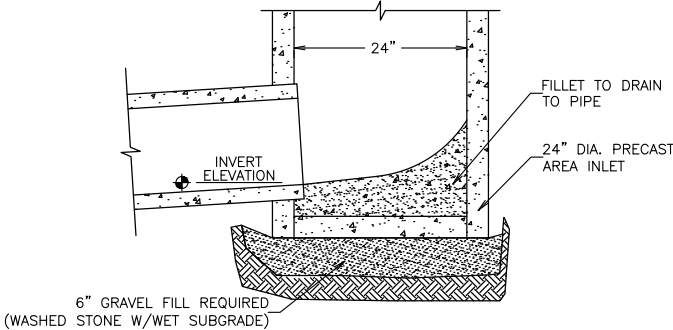
DETAIL  
ENDWALLS



AREA INLET WITH BEEHIVE CASTING

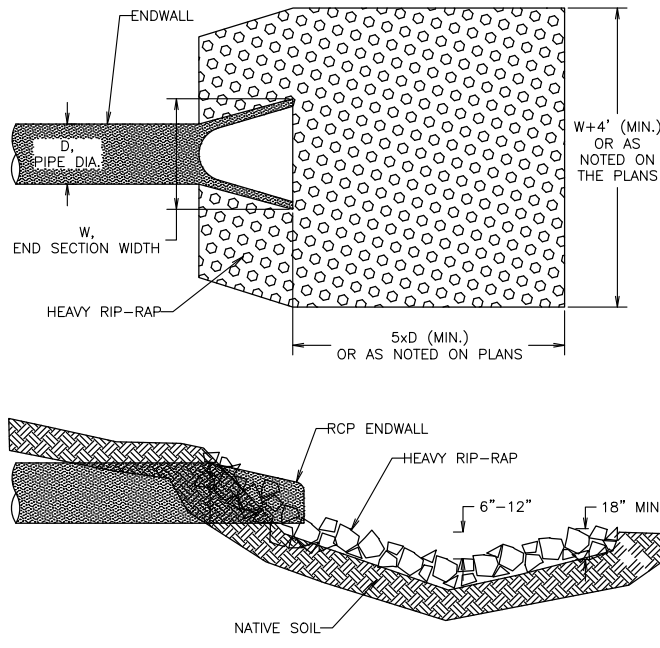


AREA INLET WITH TURTLE-BACK CASTING



AREA INLET BOTTOM SECTION

DETAIL  
AREA INLET



NOTE:  
RIP-RAP SHALL BE A MINIMUM OF 2 C.Y. PER ENDWALL.

DETAIL  
ENDWALL AND RIP-RAP

2912 Marketplace Drive  
Suite 103  
Madison, WI 53719  
(608) 273-3350  
www.tceengineers.net

TOWN & COUNTRY  
ENGINEERING, INC.

STANDARD CONSTRUCTION DETAILS  
STORM SEWER

2022 STREET AND UTILITY IMPROVEMENTS  
Village of McFarland, Wisconsin

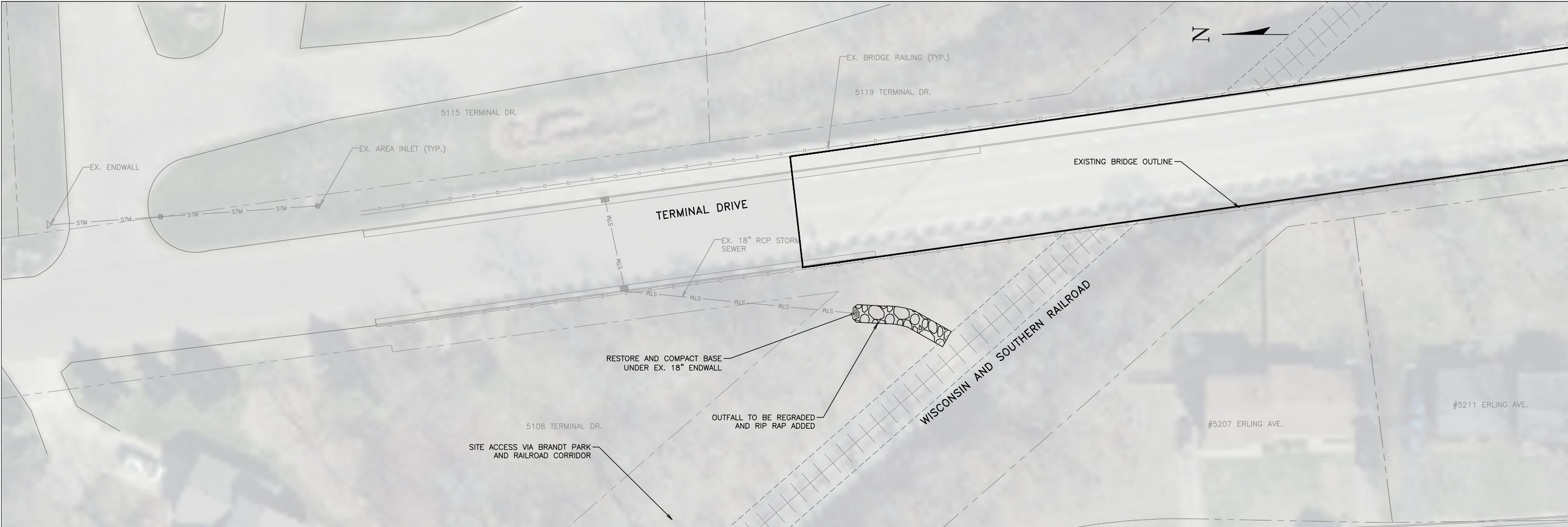
PROJECT NO.: MC 189  
DRAWING FILE: TERNAL DETAILS.DWG  
DRAWN BY: J.R.K.  
CHECKED BY: T.J.S.  
DATE: 2-3-22  
REVISIONS:  
SCALE:

N.T.S.

SHEET:

7





  
**VILLAGE OF**  
**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Public Works

**CONTACT:** Aimee Irwin, Assistant to the Public Works Director, Jim Hessling,  
Public Works Director

**AGENDA ITEM:** Discussion and action regarding the award of contract for meter replacement installation services.

**PREVIOUS ACTION:**

The Public Utilities Committee and Village Board approved upgrading the meter reading process to a cellular AMI format and to contract with a company for the installation over a three-year period on August 10, 2021 and August 23, 2021, respectively.

The Public Utilities Committee and the Village Board approved the issuance of a Request for Proposal (RFP) for meter replacement installation services on December 21, 2021 and January 10, 2022, respectively.

At its meeting on March 8, 2022, the Public Utilities Committees recommended to award the proposal to HydroCorp of Brookfield for meter replacement installation services at an estimated amount of \$351,175.50 with a total project cost including contingency for \$387,000.

**ISSUE SUMMARY:**

The Public Utilities Committee had previously reviewed various options for the future of meter reading for the utility in 2021. The option selected by the Committee and subsequently approved by the Village Board would result in upgrading the process from a mobile drive-by reading to an AMI cellular reading format. Following the recommendation of the upgrade process, an RFP was issued for meter replacement installation services. The RFP is for a three-year time period to complete the upgrade and change over to the new AMI Cellular reading format.

Timeline estimates for installation provided by HydroCorp:

| Year | Weeks  | Installations per week |
|------|--------|------------------------|
| 1    | 11 1/2 | 150                    |
| 2    | 6 1/2  | 150                    |
| 3    | 5 1/2  | 150                    |

Staff recommends proceeding with the project as planned for 2022. We will be reviewing combining years two and three of the project into a single year of implementation in 2023 based



on favorable pricing.

The RFP was available on the village website and emailed to three companies. All three companies expressed interest in applying but only two submitted proposals. The two proposals received were from Midwest Testing, LLC out of Minnesota and HydroCorp out of Brookfield, Wisconsin. The proposals were reviewed by the Public Works Department and Village Administrator. Staff recommend the award of contract to HydroCorp for the meter replacement installation services over a three-year period due to the total projected costs and for providing a complete proposal as outlined in the RFP.

#### **FINANCIAL/BUDGET IMPACT:**

The 2022 Capital Project fund includes \$650,000 for the first phase of the water meter replacement project. The cost is to be split between the Water (borrowing) and Sewer (fund balance) services. The same amount of funds and allocations are planned in 2023 and 2024 as well. A full cost projection is included within the packet comparing the three years of installation costs with three years of equipment costs.

Our objective for this meeting is to evaluate the proposal on the installation costs as the equipment has already been ordered for the 2022 program to avoid price increases earlier in the year. When looking at the proposed installation costs, HydroCorp's total estimated project cost for the three-year period totals \$351,175.50 which is less than Midwest Testing LLC's estimated costs of \$519,171.00. HydroCorp's estimated total project cost is also less than the previous estimate of \$444,730.00 over the three-year period. This estimate was derived last Fall when the plan was set and what the budget for this year was based on. The installation costs portion of the project as proposed is under budget for 2022 and overall for the three year period as projected.

Looking at the project overall now adding in the equipment costs, the project for 2022 is well within budget and overall for the three year period is trending significantly less than anticipated even when taking into account price increases. Equipment cost prices jumped 11% between the Fall of 2021 and the Winter of 2021/2022 when the order was placed. There are additional projections of increases in future years that Staff is working with the supplier to figure out for future years. However, as we evaluate this proposal and think about the full extent of the project we have a great deal of flexibility with the installation costs as we look to finish the implementation of the project. The total projected cost for the project in 2022 including installation services, equipment, and software upgrades is estimated at \$661,518 compared with the \$700,000 budgeted for the project this year. The equipment needs have already been ordered for 2022 to avoid a price increase and will allow for the full implementation in year one.

Accepting this proposal will lock that in for the first year with some contingency proposed in the motion recommendation. Total cost is trending around \$410,000 in 2023 and \$350,000 in 2024 when compared to the previously planned \$650,000 for each of those years. The Water Utility is borrowing its 2022 and 2023 needs this year, and as a result likely will not to further borrow money in 2024 to support the remainder of the program. As we look to combine the final years of implementation into one year, we'll still have flexibility based on the plan that was established and the funding allocated.



**VILLAGE PLAN REFERENCE:**

None.

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

*Motion, second to award the proposal from Hydrocorp of Brookfield for meter replacement installation services at an estimated amount of \$351,175.50 with a total project costs including contingency for \$387,000.*

**ATTACHMENTS:**

1. Hydrocorp Received 02.16.2022
2. Proposal Comparison
3. Meter Replacement Installation RFP



# RESIDENTIAL WATER METER REPLACEMENT PROPOSAL



5115 Terminal Drive

McFarland WI 53558

February 16<sup>th</sup> 2022

## KEEPING DRINKING WATER SAFE FOR INDUSTRIES AND MUNICIPALITIES

For over 39 years, HydroCorp® has been dedicated to safe drinking water for companies and communities across North America. Fortune 500 firms, metropolitan centers, utilities, small towns and businesses – all rely on HydroCorp to protect their water systems, averting backflow contamination and the acute health risks and financial liabilities it incurs.



Cross-Connection Control / Backflow  
Prevention

Water Meter Change Out & Installation  
Services

Legionella Prevention & Control

Water System Surveys / Flow Diagrams

Pipe System Mapping & Labeling

Regulatory Compliance Assistance /  
Documentation



### MIDWEST OFFICE:

209 S. EXECUTIVE DRIVE STE 100  
BROOKFIELD WI 53005  
800.315.4305 TOLL FREE  
262.264.6402 PHONE  
[hydrocorpinc.com](http://hydrocorpinc.com)

### PROJECT CONSULTANT:

Craig Wolf  
Cell: 612-850-8939  
Email: [cwolf@hydrocorpinc.com](mailto:cwolf@hydrocorpinc.com)



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## 1. Qualifications

### 1.1. Cover Letter



February 25<sup>th</sup>, 2022

Jim Hessling  
Public Works Director, Village of McFarland  
5115 Terminal Drive  
McFarland, WI 53558

Dear Jim,

On behalf of HydroCorp, I am proud to submit our proposal for Water Meter Installation Project as specified in the RFP. Our proposal demonstrates all requirements outlined in Section 4 of the RFP and HydroCorp understands the Terms and Conditions in Section 7.

Any additional information requested will be promptly submitted.

Thank you for considering our proposal.

Sincerely,

Craig Wolf  
Meter Replacement Services/CCC/Client Retention Manager  
Cell: 612.850.8939

MIDWEST OFFICE  
200 S. Executive Dr. 101 Brookfield, WI 53005  
[www.HydroCorpInc.com](http://www.HydroCorpInc.com)



## 1.2. Company Overview/Experience/References

- Founded in **1983** and incorporated in 1988. HydroCorp core services are Municipal Water System Cross-Connection Control Program Management, Onsite Cross-Connection Hazard Surveys/Inspections and Water Meter Replacement Labor and Administrative Services. The firm has grown from two employees to a staff of over 85 full time associates in multiple states. We still have our first customer!
- HydroCorp maintains ongoing contracts for Cross-Connection Control Program management and Inspections for over 400 Public Water Systems in five states.
- In 2014, HydroCorp was requested by an existing Municipal Client to assist in replacement of water meters during the same site visit as the Cross-Connection Inspections being performed by HydroCorp. Over time and by additional client requests for meter replacement services, HydroCorp now employs over 25 full-time professionals assigned to Water Meter Replacement projects and water customer care communications.
- HydroCorp has replaced over **75,000 water meters** within **52 midwestern public water systems**.
- HydroCorp currently monitors cross-connections/backflow prevention of **626,000 facilities**.
- HydroCorp annually performs approximately **75,500 onsite cross-connection survey/inspections**.
- HydroCorp monitors **910,000 Backflow Preventers** at services connected to public water supplies.
- HydroCorp manages the discovery, correction and **elimination of over 49,900 cross-connections**, annually.

PROTECTING WATER.  
PROTECTING PEOPLE.



- **Experience And References**

- Monona, WI from 1.1.21 – 7.31.21 installation of 2,700 Badger water meters and the scope of work included onsite Cross Connection Control surveys during meter replacement.

Contact- **Dan Stephany DPW Director** [dstephany@ci.monona.wi.us](mailto:dstephany@ci.monona.wi.us) 608-222-2525

- Prescott, WI from 3.1.16-12.30.16 installation of 1,750 Kamstrup water meters and the scope of work included Cross Connection Control surveys during meter replacement.

Contact- **Jayne Brand City Administrator** [jbrand@prescottcity.org](mailto:jbrand@prescottcity.org) 715-262-5544

- Chetek, WI from 3.1.17-12.30.17 installation of 1,126 Kamstrup water meters and the scope of work included Cross Connection Control surveys during meter replacement.

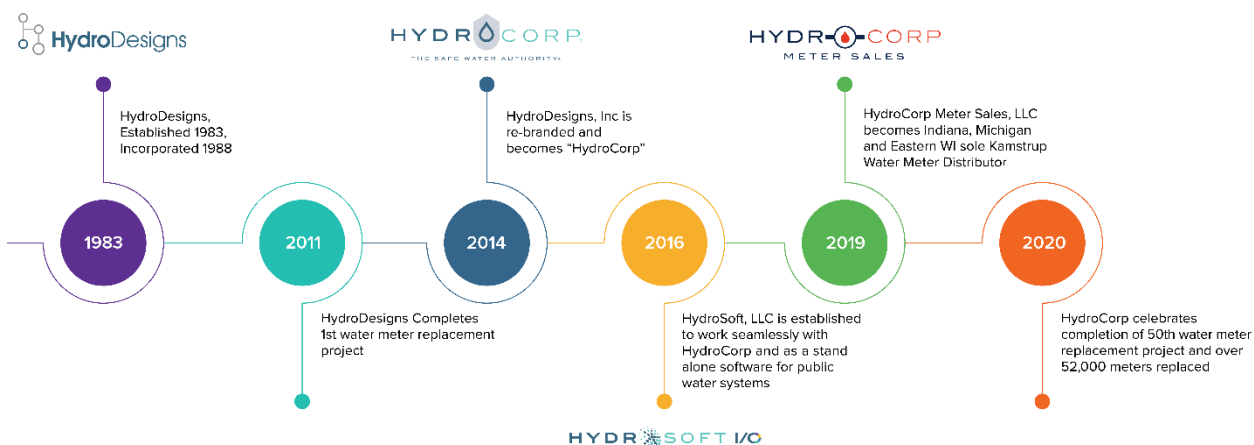
Contact- **Dan Knapp Director of Public Works** [dknapp@cityofchetek-wi.gov](mailto:dknapp@cityofchetek-wi.gov) 715-924-4236

- Weston, WI from 11.1.17-6.30.18 installation of 2,800 Sensus water meters and the scope of work included Cross Connection Control surveys during meter replacement.

Contact- **Keith Donner Public Work Director** [kdonner@westonwi.gov](mailto:kdonner@westonwi.gov) 715-241-2606

- Seymour, WI from 7.1.18-12.31.18 installation of 1,014 Kamstrup water meters and the scope of work included Cross Connection Control surveys during meter replacement.

Contact: **John Schoen Director of Public Works** [jschoen@seymourutil.com](mailto:jschoen@seymourutil.com) 920-833-2397





## 2. Technical Proposal

### 2.1. Water Customer Engagement, Technician Protocols, Data Management/Reporting

#### Summary

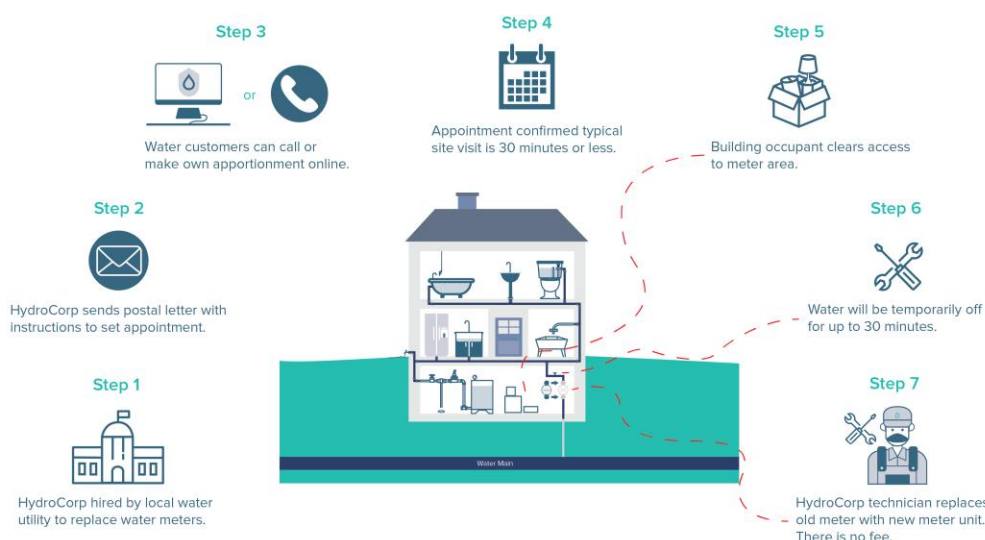
The foundation of this project will be water customer service, successful field work and cloud-based, real-time data management. HydroCorp utilizes [HydroSoft I/O](#) for all field data, administrative and notification processes.

#### Water Customer Notification Process:

Postal notifications/letters are customizable and draft versions are presented for approval to Village prior to actual mailing of notices.

Each postal notification indicates a unique nine-character reference code that is specific to the account or water customer. This allows the customers to access the HydroSoft I/O online scheduling portal and ensures appointments are set for specific customers or addresses. This unique reference code populates the customer information when input, which ensures and mitigates human error when scheduling. Examples of this would be transposed, missing and/or too many numbers within addresses house/business number or deviations between Dr., Cir., Ct., St., etc.

Village administrative access is available to all necessary project parties. These can be created for specific individuals, departments, or projects. HydroCorp provides a demonstration of the Village Online- Portal as well as a user guide with step-by-step processes, capabilities, and limitations. This user access is available through our website, which can be accessed by any device with internet connections/access.







## Water Customer Notification (Continued)

Customer notifications through HydroSoft I/O, can be delivered to each customer in (3) three different forms; postal, text message, or email notifications are available if included with the provided customer data obtained from the utility/billing software. These different forms of notifications are queued based on specific intervals typically set at (14) fourteen days. Thus, (14) fourteen days from the first notices, second notices will automatically be available for distribution (same with second to third when applicable).

### Water Customer Service:

HydroCorp has a full-time staff of dedicated Customer Service Representatives (CSR), who are trained and well versed, in the water meter and cross-connection control industry. This allows for rapid responses, top-notch customer/contractor interactions, and a seamless process from receipt of scheduling notice, to completed installation and anything thereafter, that the customer may need. This support phone number and hours of operation are listed within each customer notice. An online live-chat feature will also be available during business hours.

HydroCorp Field Technicians will provide each customer with a toll-free emergency business card. This card contains the phone number to our 24/7 emergency call center. The emergency call center will contact project personnel to resolve any customer issue, concern, question, or leak, after installation, that is a result of HydroCorp's workmanship. HydroCorp's response to any call or any item, is well within the 24hr response time, between first report and resolution.

### Water Customer Emergency Situation Card – Provided by HydroCorp Meter Technician:

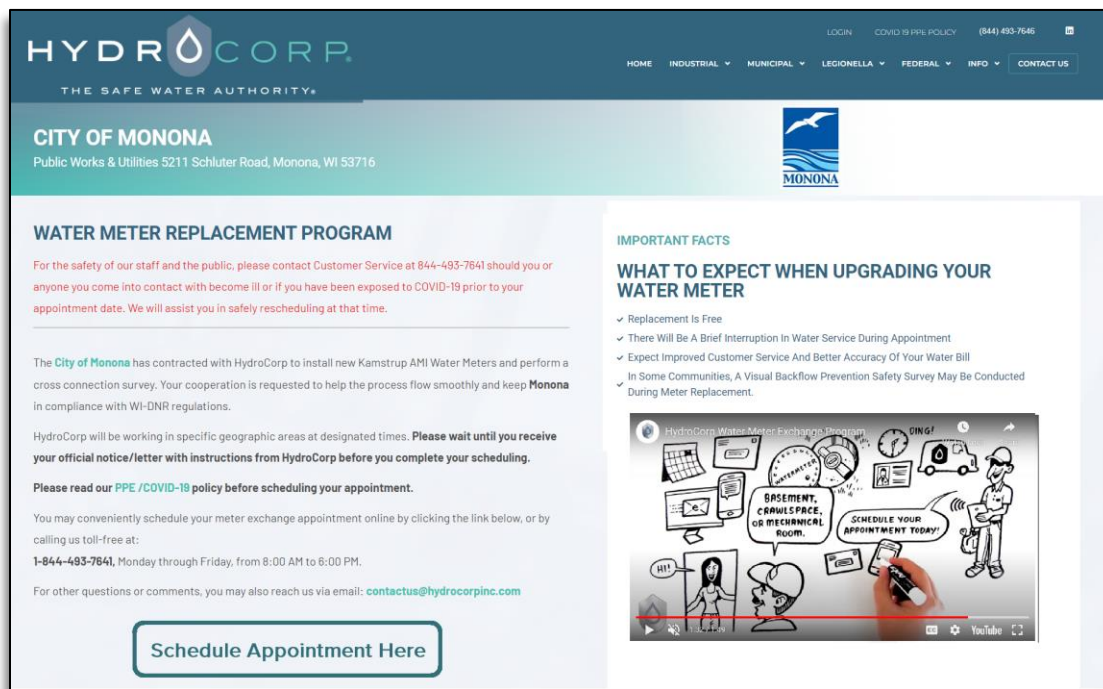
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>HYDRACORP™</b><br/>THE SAFE WATER AUTHORITY™</div> <div><b>WATER METER INSTALLATION<br/>EMERGENCY CALL CENTER<br/>877-493-7691</b></div> <div><hr/><small>Water Meter Installer</small></div> <div><div><b>CORPORATE OFFICE</b><br/>5700 Crooks Road, Suite 100<br/>Troy, MI 48098<br/>P 800.690.6651</div><div><b>WATER METER INSTALLATION<br/>EMERGENCY CALL CENTER</b><br/><b>877-493-7691</b><br/><a href="http://hydrocorpinc.com">hydrocorpinc.com</a></div></div> | <div><b>HOMEOWNER:<br/>IMPORTANT<br/>INFORMATION</b></div> <div>Your new water meter has been checked for a secure, drip-free installation. In the unlikely event that a leak develops from the water meter installation, it is important that you notify us.</div> <div>Check your new water meter at the following intervals:</div> <div><ol style="list-style-type: none"><li><b>1. Between 2 and 12 hours</b> following installation and</li><li><b>2. After 24 hours</b></li></ol></div> <div>If you experience any problems with the water meter installation, please call the Emergency Call Center at <b>877-493-7691</b> and a technician will promptly respond.</div> <div>Thank you!</div> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## Water Customer Self-Serve Appointment / Public Awareness Website (Included)

HydroCorp will devise and host a dedicated web page (at no extra charge) for water customers to set their own appointments, view detailed information and educational videos related to the project.

Example Public Awareness/Appointment Web Page included with scope of work:



## Meter Technician Protocols:

HydroCorp staff is fully uniformed and possesses HydroCorp ID cards on their person.

- HydroCorp **highly recommends** the Utility issue contractor badges to HydroCorp employees, listing HydroCorp and installer name as an approved contractor for the Village meter installation project. This also helps to mitigate and alleviate customer skepticism and phone calls to the Village.
- HydroCorp will provide a link on the appointment site describing its COVID-19 preparedness and response plan, its Personal Protective Equipment (PPE) policy, and description of a Coronavirus safety practices while performing a water meter replacement. Example plan: [www.hydrocorpinc.com/covid-19](http://www.hydrocorpinc.com/covid-19)



HydroCorp's standard practice is to pick up and return new and old meters and materials daily. This is always from a designated location provided by various entities. All material is then logged and identified with our check-in / check-out process. This ensures project material is present while identifying items for procurement.

### **Data Management/Reporting**

Utilizing HydroCorp's proprietary software HydroSoft I/O and in-field tablet computers, HydroCorp Meter Technicians will record all required information specified within the request for proposal.

HydroCorp captures a minimum of 4 – 7 photos per account/installation. The photos can include any of the following in the specified order; 1) Old meter setting found before installation 2) Old meter serial number, 3) Old meter reading, 4) New meter # and transmitter, 5) New meter setting after installation, 6) Confirmation of activation – photo of activation screen, fob, new meter register, or any device utilized for activation, 7) House, apartment, or business address. Alternate photos can be taken in place of any of the mentioned photos above.

### **Data Security**

HydroSoft I/O staff follow industry standards for database and system maintenance. Virtual machine hardware is maintained and serviced by Microsoft Azure. All users will log on through the HydroSoft I/O portal at [portal.hydrosoft.io](http://portal.hydrosoft.io).

### **Data value, during and after the project**

In addition to new and old meter data, HydroCorp identifies and captures all cross-connection control requirements, recommendations, violations, sump pump and sump pump discharges, service line size, and service material before and after the water meter. This data is available at the discretion of the Utility, in both Excel and PDF formats.

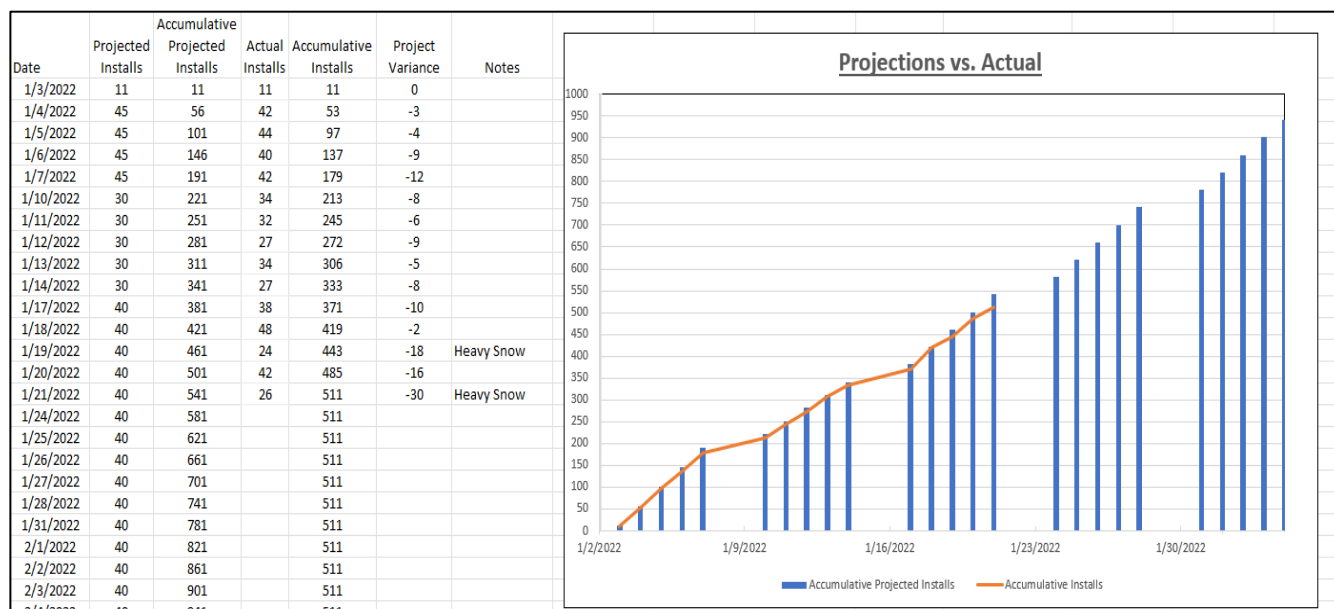
### **Overall Project Progress Reporting**

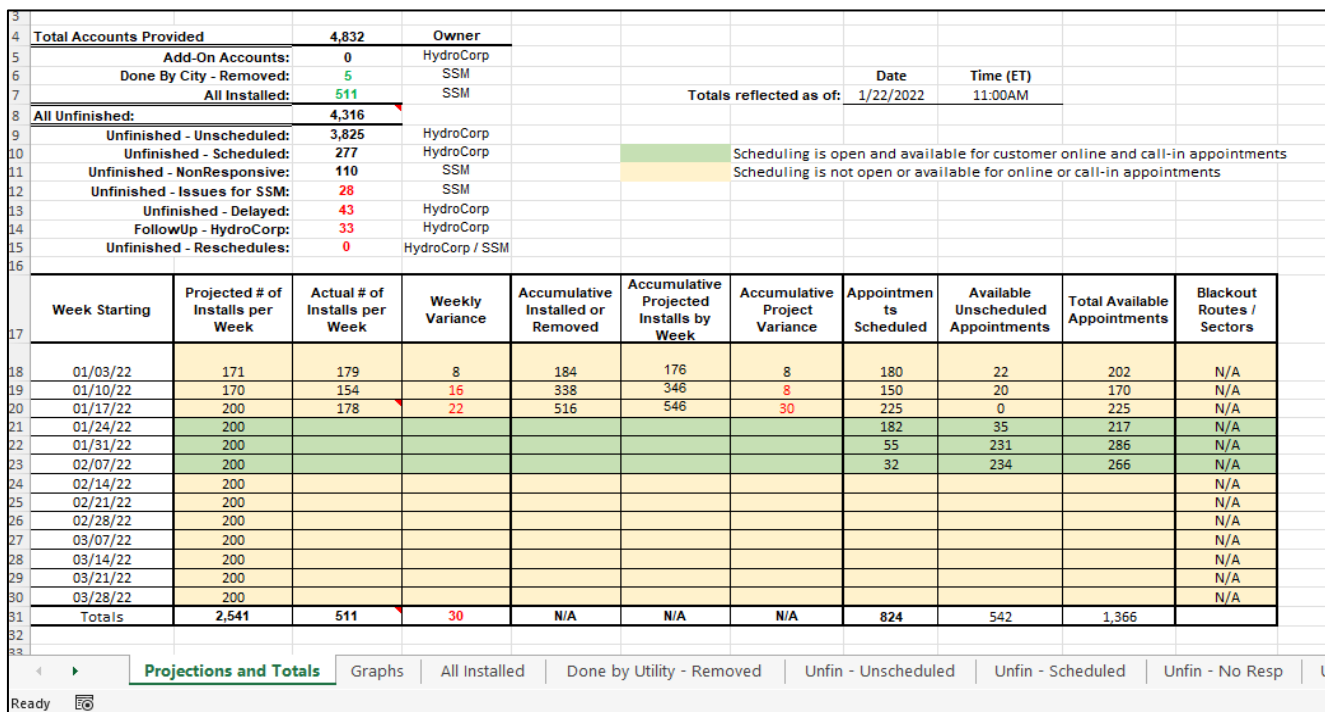
Weekly reporting on the project in its entirety, helps and assists with the allocation of accounts that may require a resolution before the installation takes place. This reporting also identifies deficiencies and strengths of the overall project, which tend to identify if project milestones will be met. Included are various screenshots of these updates:





| Summary of Account Statuses by Route                                                  |                |           |                |                |                |         |                   |                     |                       |
|---------------------------------------------------------------------------------------|----------------|-----------|----------------|----------------|----------------|---------|-------------------|---------------------|-----------------------|
| Route Number                                                                          | Installed      | Scheduled | Unscheduled    | Non Responsive | Issue Accounts | Delayed | Hydro Follow Ups  | Route Total         | Route Completion %    |
| 1                                                                                     | 0              | 2         | 560            | 0              | 0              | 0       | 1                 | 564                 | 0.00%                 |
| 2                                                                                     | 1              | 0         | 492            | 0              | 0              | 0       | 1                 | 494                 | 0.20%                 |
| 3                                                                                     | 2              | 3         | 555            | 0              | 0              | 0       | 0                 | 560                 | 0.36%                 |
| 4                                                                                     | 2              | 1         | 719            | 0              | 0              | 0       | 0                 | 722                 | 0.28%                 |
| 5                                                                                     | 65             | 182       | 325            | 0              | 3              | 7       | 3                 | 586                 | 11.09%                |
| 6                                                                                     | 1              | 1         | 538            | 0              | 0              | 0       | 1                 | 543                 | 0.18%                 |
| 7                                                                                     | 1              | 8         | 580            | 0              | 0              | 0       | 1                 | 590                 | 0.17%                 |
| 8                                                                                     | 439            | 80        | 10             | 110            | 25             | 36      | 26                | 727                 | 60.39%                |
| 9                                                                                     | 0              | 0         | 46             | 0              | 0              | 0       | 0                 | 46                  | 0.00%                 |
| Grand Total                                                                           | 511            | 277       | 3825           | 110            | 28             | 43      | 33                | 4832                | 10.58%                |
|                                                                                       |                |           |                |                |                |         |                   |                     |                       |
|                                                                                       |                |           |                |                |                |         |                   |                     |                       |
|                                                                                       |                |           |                |                |                |         |                   |                     |                       |
| Notification Deployment Schedule (12-day intervals between 1st -> 2nd -> 3rd notices) |                |           |                |                |                |         |                   |                     |                       |
| Route                                                                                 | 1st Scheduling | Qty       | 2nd Scheduling | Qty            | 3rd Scheduling | Qty     | Notices Complete? | Non Responsive Date | Total Non Responsives |
| 8                                                                                     | #####          | 727       | 12/22/2021     | 539            | 1/4/2022       | 236     | Yes               | 1/11/2022           | 110                   |
| 5                                                                                     | 1/4/2022       | 586       | 1/18/2022      | 486            | 2/1/2022       |         |                   | #N/A                | 0                     |
| 7                                                                                     | 1/20/2022      | 590       | 2/1/2022       |                |                |         |                   |                     | 0                     |
| TBD                                                                                   |                |           |                |                |                |         |                   |                     | 0                     |
| TBD                                                                                   |                |           |                |                |                |         |                   |                     | 0                     |
| TBD                                                                                   |                |           |                |                |                |         |                   |                     | 0                     |
| TBD                                                                                   |                |           |                |                |                |         |                   |                     | 0                     |





**HydroCorp to provide the following services when exchanging water meters:**

- A. HydroCorp will devise a postal notification letter to inform water customers of required meter replacement during a specific date range specified in the letter. Letters will be approved by the Village to use by HydroCorp and include Village branding. Notification letter to include advising owner/occupant of temporary water disconnection and responsibilities of owner for providing unobstructed access to within 8 cubic feet surrounding the existing water meter including operational valves for shut off.
- B. HydroCorp will send postal notification letters to designated water customers to ensure necessary water meter replacement appointments are confirmed.
- C. HydroCorp will devise and host a dedicated website page for setting appointments with water customers at specific intervals during normal business hours. Water customers will have access to schedule their own appointments via a free and secure appointment website system. Website link will be presented on postal notices and Village website. (See page 7)
- D. HydroCorp will provide designated Village staff with online access to the live appointment schedule system.



- E. HydroCorp will provide full-time Toll Free 800 number phone support for customer questions and appointment requests by HydroCorp Administration Staff. Direct phone contact to HydroCorp staff will be available during normal business hours excluding holidays. An external answering service is utilized for overflow and after-hours calls.
- F. HydroCorp will make 2 attempts to establish an appointment for meter replacement at each address. If email addresses are provided as part of the original account listing, HydroCorp will make additional attempts to contact water customers for appointment setting. Definition of attempts:
  - a. 1<sup>st</sup> Postal Notice
  - b. 2<sup>nd</sup> Postal Notice
  - c. 3<sup>rd</sup> Village of McFarland
- G. HydroCorp will document in electronic format; relevant identification numbers and meter readings of each existing and new meter installed by HydroCorp. Each record will include a digital image of the old meter reading for account reference.
- H. HydroCorp will provide identification to the property owner upon arrival.
- I. HydroCorp will install new water meter, associated fittings and gaskets as provided by the Village or supplier.
- J. HydroCorp Technician shall verify activation of each meter installed, re-establish water supply and verify full water pressure at nearest tap for 30 seconds, and include GPS location of each water meter as indicated on handheld.
- K. HydroCorp will respond to reported leaks at meter junction or service control valve within 24 hours (Monday-Friday) after the incident has been reported to the Village.
- L. HydroCorp will deliver removed (old) meters, transmitters and wiring to a designated area of the Public Works Building on a daily basis or alternate site provided by the Village.
- M. HydroCorp will retrieve new meters, fittings and gaskets as provided by the Village and/or supplier on a daily basis during normal working hours. New meters will be available in a designated area at the Public Works Building, or alternate location.
- N. HydroCorp will provide ongoing progress meter replacement status reporting during the contract period on a weekly basis.
- O. HydroCorp will provide a report of all homes with sump pumps. The report will specify if plumbed correctly or incorrectly.
- P. HydroCorp will record and be able to report on the type of water service material and the size of service along with pictures and serial numbers of old and new water meters.
- Q. HydroCorp will notify the Village of any violations found during installation process at property locations.





- R. HydroCorp will complete the annual replacement in five to six months from the initial start of installation procedures.
- S. HydroCorp will begin installation procedures within 30 days of substantial delivery of water meter supplies to the Village.
- T. HydroCorp reserves the right to determine safe operating condition of water shutoff control valves prior to performing any meter replacement work. Village to provide on call personnel to facilitate curb stop shut offs as necessary. Control valves appearing to be in questionable condition or potentially leaking/prone to failure will be required to be replaced or repaired at the cost of building owner prior to any meter upgrade work being performed by HydroCorp. If option to freeze would work, HydroCorp will change the meter and charge a predetermined fee for the water line freeze.
- U. HydroCorp reserves the right to determine safe operating condition of electrical grounding prior to performing any meter replacement work. If an issue the building owner will be required to correct prior to any meter upgrade work being performed by HydroCorp and we will notify Village of issue.
- V. HydroCorp shall not be responsible for damages due to faulty control valves, leaks or plumbing. All necessary plumbing repairs and costs are the responsibility of homeowner.

**HydroCorp to provide the following Cross Connection Control Inspection services when exchanging residential water meters:**

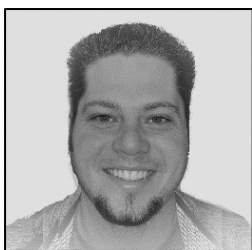
- A. HydroCorp will perform a comprehensive cross connection control inspection at each residential home where water meters are replaced. The inspection will not be applicable to Commercial, Public Authority or Multi-Family locations.
- B. HydroCorp will document and inventory all backflow prevention assemblies, devices, and methods during the onsite survey and be made available in an electronic and Excel format to the Village.
- C. HydroCorp will inventory and document all existing backflow prevention devices and assemblies on the outside and around the water meter for proper installation.
- D. HydroCorp will generate all inspection notifications for non-compliant homeowners informing them of installation requirements or required corrective action. Specific plumbing code reference and written corrective action recommendations will be included for each non-compliant home. A detailed corrective action report for each non-compliant residential home will be provided to the Village.



- E. HydroCorp will provide full-time and Toll-Free phone call support for customer questions. Phones will be staffed during normal business hours between Monday through Friday. An external answering service is utilized for overflow and after-hours calls.
- F. HydroCorp will document a degree of hazard and appropriate future re-survey frequency upon completion of each survey.
- G. HydroCorp will provide a comprehensive summary of all cross-connection inspections completed and compliance status in electronic and Excell format to the Village. Records will be accessible via a secured website and include property address.
- H. HydroCorp will record any private wells found and make sure they are not connected to the public water supply. Private wells will be reported to the Village.
- I. HydroCorp will provide a full time employed individual, or individuals to oversee the project with American Society of Sanitary Engineering credentials (ASSE) 5120 and 5150 along with holding a Masters Plumbing License in the state of Wisconsin.

### 3. Project Management

#### Key Personnel:



**Tony Howell, Director of Meter Division.** With 15 years of experience in the water metering industry, Mr. Howell has completed over 60 installation projects, which contained over 400,000 customer accounts. These completed customer accounts received meters ranging from ½" through 16" and applied to various location types such as residential, commercial, government/federal, and industrial applications. Through his time in the industry, Mr. Howell has obtained extensive knowledge in the AMR/AMI industry, as he started as an installer and now directs all field operations. While holding a certificate in Project Management from Cornell University, Mr. Howell is also ASSE 5120 certified and takes an agile approach to water metering replacements, as no AMI/AMR projects are the same. Tony will be overseeing this project, and will be the main contact and be contacted at [thowell@hydrocorpinc.com](mailto:thowell@hydrocorpinc.com) and 248-918-1283.



**Jon Strehlow, Project Manager Meter Division**-With current WI Master Plumber Licensed since 1991, and ASSE 5120 certification Jon brings several decades of plumbing experience to the company. While performing cross-connection control surveys for over 20 public water systems, Jon also assists with training of new HydroCorp technicians. His main role is overseeing HydroCorp Inc. Midwest water meter projects and working with HydroCorp clients to have all their needs met as well as the needs of their customers, in a pleasant and timely manner. His duties include organizing, preparing, briefing the installers, while ensuring a steady flow of supplies, and equipment for the projects that they will be undertaking. Jon will be managing this project and can be contacted at [jstrehlow@hydrocorpinc.com](mailto:jstrehlow@hydrocorpinc.com) and 920-655-6660.



**Ryan Hensley, Administrative Account Manager** – Municipal Division. As an Administrative Account Manager Ryan Hensley is responsible for providing administrative support to field surveyors, regional managers and division directors with all components associated with managing a comprehensive cross connection control program, in addition to providing highest level of customer service to our municipal clients. Ryan has been a member of the HydroCorp team for over 10 years and is an ASSE 5150 certified Backflow Prevention Program Administrator. Ryans staff will be responsible for answering all water customer phone calls.

**Craig Wolf, New CCC Program development and Water Meter Replacement Sales** in the Midwest Region.



Since 2009 at HydroCorp, he was responsible for identification of hazards and deficiencies and determining proper recommendations for over 130 municipal client cross-connection control programs in Wisconsin. Certified by ASSE 5120 for Cross-Connection Control Surveying, Craig applies years of field experience to offering solutions for public water systems that are cost effective. In the past 5 years, Craig has been focused on client retention efforts, and developing new HydroCorp business relations.

### Field Inspectors/Surveyors/Technicians

HydroCorp invests continuously in educational training and development of its team members. All of the HydroCorp Field Inspectors assigned to this project are certified in Cross-Connection Control Surveying and Backflow Prevention Program Management through one the following programs:





#### **Village Staff Commitments:**

1. Village to send public awareness letters to water customers to provide information for the meter project and introduce HydroCorp as the “approved” meter installation contractor.
2. Water customer information for HydroCorp database and postal notice sent from HydroCorp to water customers. HydroCorp will provide template for required data. Data to be provided in Excel format.
3. Posting of the water meter replacement online appointment page link on the Village website.
4. Handheld activation devices and necessary connectors for each HydroCorp Meter Technician.
5. Provide to HydroCorp, a minimum of 2 hours of in-field demonstration/training of meter activation device with Village staff if needed.
6. In the event of a faulty valve at the water meter, temporary shutoff (by Village personnel) of water service at curb stop. Village to provide on call personnel to facilitate curb stop shut offs as necessary.
7. In the event of a failed or broken valve at meter, temporary shutoff (by Village personnel) of water service at curb stop will be provided by Village staff. The Village shall provide an emergency contact via direct phone number during all HydroCorp personnel working hours. The emergency contact will be capable of locating the curb stop and shutting off service if needed. A Village staff member will be available during all HydroCorp working hours.
8. Water customers that do not reply with appointment after 2 contact attempts by HydroCorp will be turned back into Village as non-responsive for further action in hopes of getting the homeowner to schedule an appointment.
9. Village to enforce local ordinance if applicable for deteriorated piping, pre-existing water leaks and/or water meter not installed in accordance with the ordinance.
10. Access to adequate inventory of water meters, necessary fittings and gaskets on a weekly basis during normal business hours.
11. Dispose of old meters, transmitters and wiring.
12. Hose bibb/vacuum breakers shall be supplied by the Village if needed to bring residential buildings into compliance.
13. The Village will provide follow up inspections to verify compliance if needed.



#### Project Schedule:

##### Year 1

Start 5/2/22     150 installs per week = 11 ½ weeks  
1682 Total (50W Endpoints)

##### Year 2 60W

Start 5/1/23     150 installs/week = 6 ½ weeks  
973 Total (60W Endpoints)

##### Year 3 100W

Start 4/28/24     150 installs/week = 5 ½ weeks  
814 Total (100W Endpoints)

## 4. Cost Proposal

#### Proposed Fees:

- Install approximately (3395) 5/8 through 1 inch water meters.....\$97.00 per install.
- Install approximately (62) 1.5 inch through 2 inch water meters.....\$230.50 per install
- Install approximately (13) 3 inch through 4 inch water meters.....\$600.00 per install

***Comprehensive Residential Cross Connection Control Inspections are included in all residential water meter replacements***

***Approximate overall project costs.....\$351,399.64***

Monthly billing will be based on number of installs performed.

#### Approximate Labor Hours per year:

**2022** = 1,368 hours

**2023** = 792 hours

**2024** = 672 hours



#### Possible Additional Scope Per Occurrence Fees:

- Any appointment that needs to be rescheduled because of a building issue or water customer no show; the Village will be charged **\$65 per appointment**.
- Any follow up compliance inspections for the Cross Connection Control inspection that Village authorizes HydroCorp to do will be invoiced at a charge of **\$65 per inspection**.
- Any service requiring the use of the freeze machine will be accessed a **\$70 charge per occurrence**.
- Any service requiring an extra notice (beyond quantity specified in section 2.2 (F) of Proposal) to be sent will be accessed a **\$1.15 charge per notice sent**.
- Remobilization fee \$7500.00. Remobilization fee will apply only if the project is halted as a result out of HydroCorp control.

## 5. Evaluation Criteria

The following criteria will be used to evaluate each proposal submitted:

- Key Personnel (10 points). Experience and qualifications relevant to key personnel and their associated project responsibilities.
  - Please see pages 13-14 for key personnel experience and qualifications.
- Project Experience (15 points). Level of experience completing similar projects with similar entities.
  - Please see page 4.
- Scope of Work (10 points). Level of responsiveness and technical approaches to the scope of work outlined within the RFP. Demonstration of knowledge and innovative approaches particular to the desired Scope of Work.
  - Please see page 10 for the beginning portion of the scope of services.
- Cost Effectiveness (25 points). Ability to meet budget/value as related to proposed and additional costs.
  - Please see page 16 for over project cost estimates.





- Project Schedule (30 points). Ability to be responsive in meeting schedule required to complete scope of work. Quality, clarity and creativity of proposed planning process.

- Please see page 16 for estimated project schedule.

- Quality of Submittal (10 points). Quality, clarity and completeness of submittal package. Contractors shall not submit verbatim sections of this RFP as their proposal.

- To be determined.

**Submitted by:** HydroCorp – Midwest Regional Office | 2665 S. Moorland Rd., Suite 209 | New Berlin, WI 53151  
Craig Wolf | 612-850-8939 | cwolf@hydrocorpinc.com

**Accepted by:**

X

\_\_\_\_\_  
Village Representative (Signature)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name / Title

|                                  |                      |
|----------------------------------|----------------------|
| Midwest Testing 3 Year Estimate  | \$ 519,171.00        |
| Hydrocorp 3 Year Estimate        | \$ 351,175.50        |
|                                  |                      |
| <b>Projected 3 Year Estimate</b> | <b>\$ 444,730.00</b> |
| Midwest Testing difference       | 74,441.00            |
| Hydrocorp difference             | (93,554.50)          |

| Installation Services                   |                                 |                     |                      | Metering Equipment                                                                                                    |                      |                     |                               |                        |
|-----------------------------------------|---------------------------------|---------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------------|------------------------|
| Est. Project Cost--Hydrocorp Proposal   |                                 |                     |                      | Badger Meter/Beacon Software                                                                                          |                      |                     |                               |                        |
| <b>2022</b>                             | Rate                            | Units               | Cost                 | Meters Complete                                                                                                       | Totals               | System Totals       | Annual System Support (est) * | Annual Total Cost      |
| 5/8"                                    | \$ 97.00                        | 1619                | \$ 157,043.00        | \$ 265.00                                                                                                             | \$ 429,035.00        |                     |                               |                        |
| 1"                                      | \$ 97.00                        | 27                  | \$ 2,619.00          | \$ 370.00                                                                                                             | \$ 9,990.00          |                     |                               |                        |
| 1.5"                                    | \$ 230.50                       | 27                  | \$ 6,223.50          | \$ 745.00                                                                                                             | \$ 20,115.00         |                     |                               |                        |
| 2"                                      | \$ 230.50                       | 9                   | \$ 2,074.50          | \$ 1,010.00                                                                                                           | \$ 9,090.00          |                     |                               |                        |
| CC-Res**                                | \$ -                            | 1053                | \$ -                 |                                                                                                                       |                      |                     |                               |                        |
| Mobilization                            | \$ -                            |                     | \$ -                 |                                                                                                                       |                      |                     |                               |                        |
|                                         |                                 | <b>Annual Total</b> | <b>\$ 167,960.00</b> |                                                                                                                       | <b>\$ 468,230.00</b> | <b>\$ 12,500.00</b> | <b>\$ 12,828.00</b>           | <b>\$ 661,518.00</b>   |
|                                         |                                 |                     |                      |                                                                                                                       |                      |                     |                               |                        |
| <b>2023</b>                             | Rate                            | Units               | Cost                 | Meters Complete                                                                                                       | Totals               | System Totals       | Annual System Support (est) * | Annual Total Cost      |
| 5/8"                                    | \$ 97.00                        | 932                 | \$ 90,404.00         | \$ 265.00                                                                                                             | \$ 246,980.00        |                     |                               |                        |
| 1"                                      | \$ 97.00                        | 19                  | \$ 1,843.00          | \$ 370.00                                                                                                             | \$ 7,030.00          |                     |                               |                        |
| 1.5"                                    | \$ 230.50                       | 9                   | \$ 2,074.50          | \$ 745.00                                                                                                             | \$ 6,705.00          |                     |                               |                        |
| 2"                                      | \$ 230.50                       | 3                   | \$ 691.50            | \$ 1,010.00                                                                                                           | \$ 3,030.00          |                     |                               |                        |
| 3"                                      | \$ 600.00                       | 8                   | \$ 4,800.00          | \$ 2,782.00                                                                                                           | \$ 22,256.00         |                     |                               |                        |
| 4"                                      | \$ 600.00                       | 2                   | \$ 1,200.00          | \$ 3,380.00                                                                                                           | \$ 6,760.00          |                     |                               |                        |
| CC-Res**                                | \$ -                            | 1053                | \$ -                 |                                                                                                                       |                      |                     |                               |                        |
| Mobilization                            | \$ -                            |                     | \$ -                 |                                                                                                                       |                      |                     |                               |                        |
|                                         |                                 | <b>Annual Total</b> | <b>\$ 101,013.00</b> |                                                                                                                       | <b>\$ 292,761.00</b> | <b>\$ -</b>         | <b>\$ 17,980.00</b>           | <b>\$ 411,754.00</b>   |
|                                         |                                 |                     |                      |                                                                                                                       |                      |                     |                               |                        |
| <b>2024</b>                             | Rate                            | Units               | Cost                 | Meters Complete                                                                                                       | Totals               | System Totals       | Annual System Support (est) * | Annual Total Cost      |
| 5/8"                                    | \$ 97.00                        | 790                 | \$ 76,630.00         | \$ 265.00                                                                                                             | \$ 209,350.00        |                     |                               |                        |
| 1"                                      | \$ 97.00                        | 8                   | \$ 776.00            | \$ 370.00                                                                                                             | \$ 2,960.00          |                     |                               |                        |
| 1.5"                                    | \$ 230.50                       | 6                   | \$ 1,383.00          | \$ 745.00                                                                                                             | \$ 4,470.00          |                     |                               |                        |
| 2"                                      | \$ 230.50                       | 7                   | \$ 1,613.50          | \$ 1,010.00                                                                                                           | \$ 7,070.00          |                     |                               |                        |
| 3"                                      | \$ 600.00                       | 3                   | \$ 1,800.00          | \$ 2,782.00                                                                                                           | \$ 8,346.00          |                     |                               |                        |
| CC-Res**                                | \$ -                            | 1053                | \$ -                 |                                                                                                                       |                      |                     |                               |                        |
| Mobilization                            | \$ -                            |                     | \$ -                 |                                                                                                                       |                      |                     |                               |                        |
|                                         |                                 | <b>Annual Total</b> | <b>\$ 82,202.50</b>  |                                                                                                                       | <b>\$ 232,196.00</b> | <b>\$ -</b>         | <b>\$ 32,431.00</b>           | <b>\$ 346,829.50</b>   |
|                                         |                                 |                     |                      |                                                                                                                       |                      |                     |                               |                        |
| 3 Year Estimated Total Project Cost     |                                 |                     | <b>\$ 351,175.50</b> |                                                                                                                       | <b>\$ 993,187.00</b> | <b>\$ 12,500.00</b> | <b>\$ 63,239.00</b>           | <b>\$ 1,420,101.50</b> |
| **Cross Connection included within cost |                                 |                     |                      | * Includes BEACON Mobile Service Units (for both ITRON mobile and ORION Cellular AMI), BEACON Mobile Read (for ITRON) |                      |                     |                               |                        |
|                                         | <i>Estimate within Proposal</i> |                     | <b>\$ 351,399.64</b> |                                                                                                                       |                      |                     |                               |                        |

| Installation Services                                             |              |                     |                      | Metering Equipment           |                                                                                                                       |                     |                               |                        |
|-------------------------------------------------------------------|--------------|---------------------|----------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|------------------------|
| Est. Project Cost--Midwest Testing Proposal                       |              |                     |                      | Badger Meter/Beacon Software |                                                                                                                       |                     |                               |                        |
| <b>2022</b>                                                       | Rate         | Units               | Cost                 | Meters Complete              | Meter Totals                                                                                                          | System Totals       | Annual System Support (est) * | Annual Total Cost      |
| 5/8"                                                              | \$ 81.00     | 1619                | \$ 131,139.00        | \$ 265.00                    | \$ 429,035.00                                                                                                         |                     |                               |                        |
| 1"                                                                | \$ 81.00     | 27                  | \$ 2,187.00          | \$ 370.00                    | \$ 9,990.00                                                                                                           |                     |                               |                        |
| 1.5"                                                              | \$ 200.00    | 27                  | \$ 5,400.00          | \$ 745.00                    | \$ 20,115.00                                                                                                          |                     |                               |                        |
| 2"                                                                | \$ 200.00    | 9                   | \$ 1,800.00          | \$ 1,010.00                  | \$ 9,090.00                                                                                                           |                     |                               |                        |
| CC-Res**                                                          | \$ 30.00     | 1053                | \$ 31,590.00         |                              |                                                                                                                       |                     |                               |                        |
| Mobilization                                                      | \$ 42,000.00 |                     | \$ 42,000.00         |                              |                                                                                                                       |                     |                               |                        |
|                                                                   |              | <b>Annual Total</b> | <b>\$ 214,116.00</b> |                              | <b>\$ 468,230.00</b>                                                                                                  | <b>\$ 12,500.00</b> | <b>\$ 12,828.00</b>           | <b>\$ 707,674.00</b>   |
| <b>2023</b>                                                       | Rate         | Units               | Cost                 | Meters Complete              | Meter Totals                                                                                                          | System Totals       | Annual System Support (est) * | Annual Total Cost      |
| 5/8"                                                              | \$ 89.00     | 932                 | \$ 82,948.00         | \$ 265.00                    | \$ 246,980.00                                                                                                         |                     |                               |                        |
| 1"                                                                | \$ 89.00     | 19                  | \$ 1,691.00          | \$ 370.00                    | \$ 7,030.00                                                                                                           |                     |                               |                        |
| 1.5"                                                              | \$ 225.00    | 9                   | \$ 2,025.00          | \$ 745.00                    | \$ 6,705.00                                                                                                           |                     |                               |                        |
| 2"                                                                | \$ 225.00    | 3                   | \$ 675.00            | \$ 1,010.00                  | \$ 3,030.00                                                                                                           |                     |                               |                        |
| 3"                                                                | \$ 375.00    | 8                   | \$ 3,000.00          | \$ 2,782.00                  | \$ 22,256.00                                                                                                          |                     |                               |                        |
| 4"                                                                | \$ 550.00    | 2                   | \$ 1,100.00          | \$ 3,380.00                  | \$ 6,760.00                                                                                                           |                     |                               |                        |
| CC-Res**                                                          | \$ 32.00     | 1053                | \$ 33,696.00         |                              |                                                                                                                       |                     |                               |                        |
| Mobilization                                                      | \$ 33,000.00 |                     | \$ 33,000.00         |                              |                                                                                                                       |                     |                               |                        |
|                                                                   |              | <b>Annual Total</b> | <b>\$ 158,135.00</b> |                              | <b>\$ 292,761.00</b>                                                                                                  | <b>\$ -</b>         | <b>\$ 17,980.00</b>           | <b>\$ 468,876.00</b>   |
| <b>2024</b>                                                       | Rate         | Units               | Cost                 | Meters Complete              | Meter Totals                                                                                                          | System Totals       | Annual System Support (est) * | Annual Total Cost      |
| 5/8"                                                              | \$ 95.00     | 790                 | \$ 75,050.00         | \$ 265.00                    | \$ 209,350.00                                                                                                         |                     |                               |                        |
| 1"                                                                | \$ 95.00     | 8                   | \$ 760.00            | \$ 370.00                    | \$ 2,960.00                                                                                                           |                     |                               |                        |
| 1.5"                                                              | \$ 235.00    | 6                   | \$ 1,410.00          | \$ 745.00                    | \$ 4,470.00                                                                                                           |                     |                               |                        |
| 2"                                                                | \$ 235.00    | 7                   | \$ 1,645.00          | \$ 1,010.00                  | \$ 7,070.00                                                                                                           |                     |                               |                        |
| 3"                                                                | \$ 400.00    | 3                   | \$ 1,200.00          | \$ 2,782.00                  | \$ 8,346.00                                                                                                           |                     |                               |                        |
| CC-Res**                                                          | \$ 35.00     | 1053                | \$ 36,855.00         |                              |                                                                                                                       |                     |                               |                        |
| Mobilization                                                      | \$ 30,000.00 |                     | \$ 30,000.00         |                              |                                                                                                                       |                     |                               |                        |
|                                                                   |              | <b>Annual Total</b> | <b>\$ 146,920.00</b> |                              | <b>\$ 232,196.00</b>                                                                                                  | <b>\$ -</b>         | <b>\$ 32,431.00</b>           | <b>\$ 411,547.00</b>   |
| <b>3 Year Estimated Total Project Cost</b>                        |              |                     | <b>\$ 519,171.00</b> |                              | <b>\$ 993,187.00</b>                                                                                                  | <b>\$ 12,500.00</b> | <b>\$ 63,239.00</b>           | <b>\$ 1,588,097.00</b> |
| **Cross Connection--total Residential Customer divided by 3 years |              |                     |                      |                              | * Includes BEACON Mobile Service Units (for both ITRON mobile and ORION Cellular AMI), BEACON Mobile Read (for ITRON) |                     |                               |                        |



## **Request For Proposals**

### **Water Meter Replacement Installation**

RFP Issuance Date: January 25, 2022

RFP Due Date: February 25, 2022

*Please Submit to:*

Public Works Director, Jim Hessling

[public.works@mcfarland.wi.us](mailto:public.works@mcfarland.wi.us)

## Section 1 Purpose

The purpose and intent of this Request for Proposal (RFP) is to solicit proposals from qualified Contractor(s) to provide water meter replacement and installation services for the Village of McFarland Water Utility. The proposal(s) are required to meet the scope of services detailed within. The Village is requesting proposal(s) for a three year contract with one contractor completing the entire project.

## Section 2 Background

The Village of McFarland Water Utility is implementing a system change from Itron/FCS to Beacon/Orion Cellular software and equipment while continuing to utilize Badger Meter products. The utility has experienced failures in meter reading due to the battery life of endpoints within the system. The Village plans to implement this change over a three year period focusing on 50W endpoints in year one (1682 meters), 60W endpoints in year two (973 meters) and 100W endpoints in year three (814 meters). The utility currently operates in two cycles for billing purposes with approximately half of the Village split between Cycle 1 and Cycle 2.

### Meter & Endpoint data (as of December 2, 2021)

| Size of Meter | 50W Endpoint | 60W Endpoint | 100W Endpoint |
|---------------|--------------|--------------|---------------|
| 5/8 inch      | <b>1619</b>  | <b>931</b>   | <b>790</b>    |
| 3/4 inch      | <b>0</b>     | <b>1</b>     | <b>0</b>      |
| 1 inch        | <b>27</b>    | <b>19</b>    | <b>8</b>      |
| 1.5 inch      | <b>27</b>    | <b>9</b>     | <b>6</b>      |
| 2 inch        | <b>9</b>     | <b>3</b>     | <b>7</b>      |
| 3 inch        | <b>0</b>     | <b>8</b>     | <b>3</b>      |
| 4 inch        | <b>0</b>     | <b>2</b>     | <b>0</b>      |

### Customer Type data (as of December 2, 2021)

| Commercial | Multi-Family | Public Authority | Residential | <b>Grand Total</b> |
|------------|--------------|------------------|-------------|--------------------|
| 223        | 58           | 29               | 3159        | <b>3469</b>        |



## Section 3            Scope of Services

- A. The contractor will provide the following services when exchanging water meters:
- a. Contractor will devise a postal notification letter to inform metered customers of required meter replacement during a specific date range specified in the letter. Letter shall be approved by the Village to use by the contractor and include Village branding. Notification letter to include advising owner/occupant of temporary water disconnection and responsibilities of owner for providing unobstructed access to within 8 feet surrounding the existing water meter including operational valves for shut off.
  - b. Contractor must send postal notification letters to designated water customer addresses to ensure necessary meter replacement appointments are confirmed.
  - c. Contractor must devise and host a dedicated website page for setting appointments with water customers at specific intervals during normal business hours. Water customers must have access to schedule their own appointments via a free and secure appointment website system. Website link must be presented on postal notices and Village website.
  - d. Contractor must provide designated Village staff with online access to the live appointment schedule system.
  - e. Contractor must provide a full-time Toll Free number phone support for customer questions and appointment requests by Contractors Administration staff. Direct phone contact to contractor staff will be available during normal business hours, five days per week excluding holidays.
  - f. Contractor will be required to make 2 attempts to establish an appointment for meter replacement at each address. After 2 attempts, the Village will continue attempts until replacement occurs. Definition of attempts:
    - i. 1<sup>st</sup> Postal Notice
    - ii. 2<sup>nd</sup> Postal Notice
    - iii. 3<sup>rd</sup> Village

- g. Contractor will document in electronic format; relevant identification numbers and meter readings of each existing and new meter installed. Each digital record will be required to include a digital image of the old meter and new meter installed for account reference including property address.
- h. Contractor will provide identification to the property owner upon arrival.
- i. Contractor will install new water meter, associated fittings and gaskets as provided by the Village or supplier.
- j. Contractor will verify activation of each meter installed, re-establish water supply and verify full water pressure at nearest tap for 30 seconds and include GPS location of each meter as indicated on handheld.
- k. Contractor must respond to reported leaks at meter junction or service control valve within 24 hours (Monday-Saturday) after the incident has been reported to the Village.
- l. Contractor must deliver removed (old) meters, transmitters and wiring to designated area of the Public Works building on a daily basis or alternate site provided by the Village.
- m. Contractor will retrieve new meters, fittings and gaskets as provided by the Village and/or supplier on a daily basis during normal working hours. New meters will be available in a designated area at the Public Works building, or alternate location.
- n. Contractor will provide ongoing progress meter replacement status reporting during the contract period on a weekly basis.
- o. Contractor will provide a report of all homes with sump pumps. The report will specify if plumbed correctly or incorrectly.
- p. Contractor must record and be able to report on the type of water service material and the size of service along with pictures and serial numbers of old and new meters.
- q. Contractor will notify the Village of any violations found during installation process at property locations.
- r. Contractor will complete the annual replacement in five to six months from initial start of installation procedures.
- s. Contractor will begin installation procedures within 30 days of substantial delivery of meter supplies to the Village.

- B. The contractor will provide the following Cross Connection Control Inspection services when exchanging residential water meters:
- a. Contractor will perform a comprehensive cross connection control inspection at each residential home where water meters are replaced. The inspection will not be applicable to Commercial, Public Authority or Multi-Family locations.
  - b. Contractor will document and inventory all backflow prevention assemblies, devices, and methods during the on-site survey and be made available in an electronic and Excel format to the Village.
  - c. Contractor will inventory and document all existing backflow prevention devices on the outside and around the water meter for proper installation.
  - d. Contractor will generate all inspection notifications for non-compliant homeowners informing them of installation requirements or required corrective action. Specific plumbing code reference and written corrective action recommendations must be included for each non-compliant home. A detailed corrective action report for each non-compliant residential home must be provided to the Village.
  - e. Contractor will provide full-time and Toll-Free phone call support for customer questions. Phones must be staffed during normal business hours between Monday through Friday. An automatic message service must be provided for after hour calls.
  - f. Contractor will document a degree of hazard and appropriate future re-survey frequency upon completion of each survey.
  - g. Contractor will provide a comprehensive summary of all cross-connection inspections completed and compliance status in electronic and Excel format to the Village. Records will also be accessible via secured website and include property address.
  - h. Contractor must record any private wells found and make sure not connected to public supply. Private wells will be reported to Village.
  - i. Contractor must provide a full time employed individual, or individuals to oversee the project with American Society of Sanitary Engineering credentials (ASSE) 5120 and 5150 along with holding a masters plumbing license in the state of Wisconsin.

**1) Qualification Details consisting of:**

- a. Cover Letter
- b. Experience—A summary of two to five similar relevant projects that the applicant has conducted within the last ten years.
- c. References—Provide three or more client references for which the applicant has conducted similar projects for within the last ten years. Include name, title, email and phone number of the contact person.

**2) Technical Proposal consisting of:**

- a. A description of the approach to be taken toward completion of each item listed under Section 3 of this RFP. An explanation of any variances to the proposed Scope of Work as outlined in the RFP.

**3) Project Management plan consisting of:**

- a. Key Personnel—A list or organization chart of personnel directly assigned to the project, along with responsibilities. Clearly illustrate the responsibilities and lines of communication. Describe your plan to interface with the Village staff. The main contact for the project including name, email and phone number.
- b. Village Staff Commitments—Identify those items within the Scope of Work for which the contractor anticipates assistance by Village Staff. Village Staff will provide a point of contact for public inquiries during the planning process and provide public outreach and updates during the project phase.
- c. Project Schedule—A proposed schedule that indicates project timeline for completion of the entire project.
- d. Supplemental Information—Any other information deemed necessary to address the requests of this RFP.

**4) Cost Proposal consisting of:**

- a. Cost—Price per meter to complete this project on an annual basis.
- b. Estimated Labor Hours—A summary of estimated labor hours by team members to perform the necessary functions of this project.
- c. Additional Scope/Fee—Additional fees associated with additional work outside of the scope of services

5) **General requirements consisting of:**

- a. Due Date—Responses to the RFP must be received by 12:00 PM CST on February 25, 2022. Proposals received late, for any reason, shall not be accepted.
- b. Format & Location—Prospective contractors shall provide an electronic PDF submitted via email to the Public Works Director at [public.works@mcfarland.wi.us](mailto:public.works@mcfarland.wi.us), subject: Water Meter Replacement Installation RFP.
- c. Property—All information developed as part of this RFP, including data, shall become the property of the Village upon completion of the project. All text shall be submitted electronically as is most convenient. All original data generated as a part of the RFP shall be submitted to the Village in an easily reproducible hardcopy and electronic format as applicable.

## Section 5              Evaluation Criteria

The following criteria will be used to evaluate each proposal submitted:

- Key Personnel (10 points). Experience and qualifications relevant to key personnel and their associated project responsibilities.
- Project Experience (15 points). Level of experience completing similar projects with similar entities.
- Scope of Work (10 points). Level of responsiveness and technical approaches to the scope of work outlined within the RFP. Demonstration of knowledge and innovative approaches particular to the desired Scope of Work.
- Cost Effectiveness (25 points). Ability to meet budget/value as related to proposed and additional costs.
- Project Schedule (30 points). Ability to be responsive in meeting schedule required to complete scope of work. Quality, clarity and creativity of proposed planning process.
- Quality of Submittal (10 points). Quality, clarity and completeness of submittal package. Contractors shall not submit verbatim sections of this RFP as their proposal.

The Village Administrator, Public Works Director, and Public Works staff will conduct the evaluation of proposals submitted. They will make a recommendation to the Public Utilities Committee who will make the final recommendation to the Village Board for action. The following method and timeline will be utilized in order to select the desired proposal:

- **January 25<sup>th</sup> – RFP Issuance Date**
- **February 25<sup>th</sup> –RFP Due Date**
- **February 28<sup>th</sup> – March 11<sup>th</sup> –Evaluation**
- **March 15<sup>th</sup> –Public Utilities Committee.** The Committee will consider the recommendation of staff in order to make their own recommendation to the Village Board.
- **March 28<sup>th</sup> – Village Board.** The Board will take final action to consider acceptance of the recommended proposal and enter into a contract for this purpose.
- **May 2<sup>nd</sup>—Commence Work**



## Section 7                      Terms and Conditions

Each proposal will be reviewed to determine if it meets the submittal requirements contained within this RFP. Failure to meet the requirements for the RFP can be cause for rejection of the proposal. The Village may reject any proposal if it is conditional, incomplete, contains irregularities, or if in the sole discretion of the Village not considered in our best interest. The Village may waive an immaterial deviation in a proposal, but this shall in no way modify the proposal document or excuse the Contractor from compliance with the contract requirements if the Contractor is awarded a contract. A prospective Contractor may be requested for an interview at the sole discretion of the Village. The recommended Contractor will be selected and approved by the Village Board.

The Village uses a standard template contract for such services and will require its utilization for this project. A copy of the standard template can be provided for review upon request and will be updated to adapt to the proposal ultimately selected.

There is no expressed or implied obligation for the Village to reimburse firms for any expenses incurred in preparing proposals in response to this request. Materials submitted by respondents are subject to public inspection under Wisconsin law. Any language purporting to render the entire proposal confidential or proprietary will be ineffective and will be disregarded.

The Village will not discriminate against individuals due to sex, race, religion, creed, color, national origin, age, disability, sexual orientation, ancestry, marital status, arrest or conviction record, military service, or any other characteristics protected by law. This applies to all Contractors submitting proposals to this project.

The Village reserves the right to retain all proposals submitted, and to use any idea in a proposal, regardless of whether the proposal was selected. Submission of a proposal indicates acceptance by the firm of the conditions contained in the RFP, unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the Village and the Contractor.

All property rights, including publication rights of all reports produced by the selected firm in connection with services performed under this agreement shall be vested in the Village.

The Village reserves the right to reject any or all proposals submitted.



**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Public Works

**CONTACT:** Jim Hessling, Public Works Director

**AGENDA ITEM:** Discussion and action regarding the award of contract for forcemain locating services.

**PREVIOUS ACTION:**

The Public Utilities Committee approved the issuance of a RFP for forcemain locating services at its December 21, 2021 meeting. The Village Board approved issuance of the RFP at its meeting on January 10, 2022.

At its meeting on March 8, 2022, the Public Utilities Committees recommended approving the proposal from Utility Mapping Services, Inc. of St. Cloud, MN in the amount of \$10.25 per lineal foot not to exceed a total project cost of \$100,000.

**ISSUE SUMMARY:**

Included within the packet is a proposal for the locating of the village's sanitary sewer forcemains. Forcemains are pressurized pipes that carry sewage from a low point within a lift station that pumps the wastewater to a higher point where it can then flow by gravity within the system. Staff has general knowledge of the location of these pipes, but using the proposed services these will be more readily identified when they need to be located. Without that detail, these pipes have been hit during other excavation projects which disrupts the pumping within the system. to a higher gravity point. We have an idea where these underground pipes are but nothing definite. The Village Engineer has included his review and recommendation within your packet.

An RFP was put out on Quest CDN, a service that advertises to various contractors about available upcoming projects. There was a single proposal received from Utility Mapping Services, Inc. of St. Cloud, Minnesota. Staff's recommendation is to accept the proposal as presented.

**FINANCIAL/BUDGET IMPACT:**

Project costs are included within the 2022 Public Works Capital Improvement Plan up to \$100,000 paid for by the Sanitary Sewer Utility.

The locating proposal came in at \$10.25 per lineal foot. There is approximately 8,300 lineal feet to map which would generate an estimated cost of \$85,075. The estimated cost is projected to be under budget and the motion recommended authorizing the full budget amount in case there is additional mapping that is needed as the work begins (i.e. includes a contingency).



**VILLAGE PLAN REFERENCE:**

None.

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

*Motion, second to approve the proposal from Utility Mapping Services, Inc. of St. Cloud, MN in the amount up of \$10.25 per lineal foot not to exceed a total cost of \$100,000 for forcemain locating services.*

**ATTACHMENTS:**

1. Force Main Locating RFP 12092021 FINAL-for 2022
2. UMS Proposal 31Jan2022 - McFarland Force Main Locating RFP 12092021
3. Forcemain Locating Recommendation letter



## Request For Proposals

Sanitary Sewer Force Main  
Locating/Mapping Services

-

RFP Issuance Date: January 11, 2022

Proposal Due Date: February 1, 2022 by 10:00 am

*Please Submit to:*

Village of McFarland  
Attn: Jim Hessling  
5915 Milwaukee Street, PO Box 110  
McFarland, WI 53558

## SECTION 1            Purpose/Introduction

- A.    The purpose and intent of the Request for Proposals (RFP) is to solicit proposals from qualified Contractor(s) to provide personnel and equipment necessary for locating and mapping of several sanitary sewer force mains under the direction of the Village of McFarland Public Works Director. The Village desires a private contractor to perform these services which will help us to maintain our collection and transmission system. Additionally, it will assist us to properly assess the location of the sanitary sewer force main portion of our system.

## SECTION 2            Background

- A.    The Village of McFarland is located adjacent to the southeast side of the City of Madison in Dane County. The current population of McFarland is estimated 8,952. The Village has approximately 43.9 road miles and is a little under 5 square miles in total land area. The Village is serviced by US Highway 51 serving as the main connection point between the cities of Madison and Stoughton. The Community is home to a high quality of life within the Madison metropolitan area as demonstrated by its excellent schools, variety in commercial enterprises, vast parks, and safe neighborhoods. More information about the Village is available at [www.mcfarland.wi.us](http://www.mcfarland.wi.us).

## SECTION 3            Scope of Work

This Scope of Work will become an integral part of the contract between the Village and the Contractor. The Contractor hereby agrees to provide services and/or materials to the Village pursuant to the provisions set forth as follows:

- A.    **Description.**    Surveying services for locating and mapping seven existing force mains totaling approximately 8,300 lineal feet as defined below:
  - i.    Erling Avenue Force Main (Lift Station #1) - Consisting of 1,443 lineal feet. Pipe material and size unknown.

- ii. Pheasant Run Force Main (Lift Station #2) - Consisting of 3,077 lineal feet. Pipe material is ductile iron and pipe size is 8 inches in diameter.
- iii. Meredith Way Force Main (Lift Station #3) - Consisting of 802 lineal feet. Pipe material is ductile iron and pipe size is 4 inches in diameter.
- iv. Terminal Drive Force Main (Lift Station #4) - Consisting of 1,916 lineal feet. Pipe material is HDPE and pipe size is 6 inches in diameter.
- v. Lewis Lane Private Force Main - Consisting of 447 lineal feet. Pipe material is PVC and pipe size is 1.5 inches in diameter.
- vi. Taylor/Terminal/Erling Private Force Main - Consisting of 600 lineal feet. Pipe material and size unknown.

B. **Locating.** The Contractor will be given a list of line sections to be located. It is the intent of this contract to satisfy Village collection system requirements; namely, the Contractor will locate the sanitary sewer force mains as required as part of the Village sanitary sewer transmission system. It is estimated that the footage to be located is approximately 8,300 feet. This includes sewer mains located in the street, easements, and on private property. As a condition of the work, the Contractor will be required to identify the diameter, length, depth, and material of the sanitary sewer force main being located. The Contractor shall provide an electronic copy of the locating report upon completion.

C. **Mapping.** The Contractor will be given a list of line sections to be mapped. It is the intent of this contract to satisfy Village collection system requirements; namely, the Contractor will map the sanitary sewer force mains as required as part of the Village sanitary sewer transmission system. It is estimated that the footage to be mapped is approximately 8,300 lineal feet. This includes sewer mains located in the street, easements, and on private property. As a condition of the work, the Contractor will be required to identify the diameter, length and material of the sanitary sewer



force main being mapped. The Contractor shall provide a mapping report including horizontal coordinate information of the force mains at all major bends (greater than 22 degrees), and at increments of no more than 50 feet between bends. Coordinates shall be on the Dane County Coordinate system.

**D. General Requirements.**

- i. A copy of the sanitary sewer transmission system map will be given to the contractor at the onset of the contract, to assist in this endeavor.
- ii. During the course of the Contract, additional infrastructure not presently defined under Section 3(A) may need to be located and mapped. The Contractor will provide a price per lineal foot for any additional locating and mapping needs outside of the previously defined locations.
- iii. It is understood that this will take multiple weeks, or months, to locate and map the specified sections of the system. Once operations commence, updates will be required by the Village as part of their notification process to residents and businesses. It is also understood that more frequent updates should be given, if the Village or the Contractor feels there is need.
- iv. All reports are required to be submitted in an electronic format compatible with GIS. The following information will be required within the reports for each force main:
  - Diameter of force main.
  - Length of force main.
  - Material of which the force main is made of.
  - Pipe depth.
  - Locations of any bends or deviations in the line.
  - Date and time located/mapped.
  - Any noted problems in this section of pipe.

- E. Term.** The Contract term will commence on April 1, 2022. Substantial completion (draft report on

locating and mapping) shall be completed by July 1, 2022. Final completion of the contract shall be no later than September 30, 2022. Any extension, if applicable, shall be based on satisfactory performance by the Contractor during the year.

#### SECTION 4            RFP Submittal Requirements

- A. The Proposal must include all of the information set forth in this Section and other Sections of this RFP. Additionally it should be organized and tabbed appropriately. Including but not limited to the following:
  - i. Company history and background.
  - ii. Qualifications of the Contractor.
  - iii. Relevant past project experience of the Contractor.
  - iv. Availability of resources and reliance on subcontractors.
  - v. No fewer than three municipal references.
  - vi. Completion of the Cost Proposal Form listed in Appendix A outlining the costs necessary to complete this work.
- B. Responses to the RFP must be received by 10:00 am on Tuesday, February 1, 2022. Proposals received late, for any reason, shall not be accepted.
- C. Responses to the RFP shall be provided to the Village of McFarland, Attn: Jim Hessling, 5915 Milwaukee Street, PO Box 110, McFarland, WI 53558.
- D. Prospective Contractors shall provide five (5) printed copies of the proposal and one (1) electronic copy as their submittal.

#### SECTION 5            Proposal Evaluation Criteria and Timeline

- A. The following criteria will be used to evaluate each proposal:

- i. Qualifications of the Contractor.
  - ii. Relevant past project experience of the Contractor within Wisconsin.
  - iii. Resumes of all team members.
  - iv. Familiarity municipal sanitary sewer systems.
  - v. Availability and compatibility of technology.
  - vi. Past history with the Village as applicable.
  - vii. Availability of resources and reliance on subcontractors.
  - viii. Proposal completeness and effectiveness at addressing the needs of the Village for the project.
  - ix. Proposed cost.
- B. The Public Works Director, Streets/Utilities Superintendent, and/or Village Engineer ("Evaluation Team") will be responsible for performing a technical evaluation of each proposal submitted and making a recommendation for selection to the Public Utilities Committee. The Public Utilities Committee will consider this recommendation and make its own recommendation to the Village Board regarding proposal acceptance. The Village Board shall hold the final decision regarding award of proposal for these services. Evaluations will focus on identifying the relative strengths, weaknesses, deficiencies, and risks associated with each submittal. Interviews with perspective Contractors will be held at the sole discretion of the Village. The Village reserves the right to obtain clarification or additional information from any firm regarding its proposal as is needed.
- C. The Village reserves the sole right to select the most qualified Contractor on the basis of the best overall proposal that is most advantageous to the Village. Firms that submit proposals will be notified of the selection

results. Final approval of any selected Contractor is subject to the approval of the Village Board.

D. Evaluation timeline is as follows:

- i. January 11, 2022 - Open Advertisement of RFP
- ii. February 1, 2022 at 10:00 am - Deadline for Submission of Proposals
- iii. February 4, 2022 - Evaluation Team Finalizes Selection and Makes Recommendation
- iv. February 8, 2022 - Public Utilities Committee will consider findings of Evaluation Team to make recommendation to the Village Board.
- v. February 28, 2022 - Village Board considers recommendation of the Public Utilities Committee to make final decision on award of proposal.
- vi. April 1, 2022 (or as available) - Project Commences

E. Any questions regarding this RFP, its contents, and the proposed project may be directed to...

Jim Hessling, Public Works Director  
[jim.hessling@mcfarland.wi.us](mailto:jim.hessling@mcfarland.wi.us)  
(608) 838-7287

## SECTION 7 Terms and Conditions

- A. Each proposal will be reviewed to determine if it meets the submittal requirements contained within this RFP. Failure to meet the requirements for the RFP can be cause for rejection. The Village may reject any proposal if it is conditional, incomplete, contains irregularities, or if in the sole discretion of the Village not considered in its best interest. The Village may waive an immaterial deviation in a proposal, but this shall in no way modify the proposal document or excuse the Contractor from compliance with the contract requirements if the Contractor is awarded a contract.
- B. The Village will require the use of its standard contract template set by policy. It can be made available upon request. Modifications to this standard may be required or considered subject to review and approval by the

Village Attorney under the direction of the Village Board.

- C. There is no expressed or implied obligation for the Village to reimburse firms for any expenses incurred in preparing proposals in response to this request. Materials submitted by respondents are subject to public inspection under Wisconsin law. Any language purporting to render the proposal, or any part thereof, confidential or proprietary will be ineffective and will be disregarded unless consistent with the Wisconsin Public Records Law.
- D. The Village reserves the right to retain all proposals submitted, and to use any idea in a proposal, regardless of whether the proposal was selected. Submission of a proposal indicates acceptance by the Contractor of the terms and conditions contained in the RFP, unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the Village and the Contractor.
- E. All property rights, including ownership and publication rights of all conceptual plans, designs, bidding documents, and reports produced by the selected Contractor in connection with services performed under this agreement shall be vested in the Village.
- F. The Village reserves the right to reject any or all proposals submitted.

## Appendix A

### Cost Proposal Form

In accordance with the attached instructions, terms/conditions, and scope of services we, as the Contractor, submit the following cost proposal to the Village of McFarland.

This cost proposal shall include all necessary labor, materials, supervision, equipment, appliances, and materials to perform all operations required to provide sanitary sewer force main locating and mapping services.

Locating and Mapping Services \$\_\_\_\_\_ per lineal foot

Vertical accuracy within actual placement \_\_\_\_\_ inches/feet  
(circle one)

Horizontal accuracy within actual placement \_\_\_\_\_ inches/feet  
(circle one)

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I certify that the contents of this proposal are known to no one outside the firm, and to the best of my knowledge all requirements have been complied with.

Authorized Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Date: \_\_\_\_\_



# Utility Mapping Services, Inc.

## Sanitary Sewer Force Main Locating/Mapping Proposal

Attn: Jim Hessling

5915 Milwaukee Street, PO Box 110

McFarland, WI 53558

RFP 12092021

January 31, 2022





January 31<sup>st</sup>, 2021

## WORK PLAN FOR UTILITY ENGINEERING SUE Utility Investigation, Designating and Locating

Response to Village of McFarland  
Sanitary Sewer Force Main Locating/Mapping RFP 12092021

Submitted to:



Attn: Jim Hessling

5915 Milwaukee Street / PO Box 110  
McFarland, WI 53558

Submitted by:

**Utility Mapping Services, Inc.**

[www.umsi.us](http://www.umsi.us)



2809 Clearwater Road  
St. Cloud, MN 56301-4910  
p. 406.552.0883 | [pjmeis@umsi.us](mailto:pjmeis@umsi.us)



UTILITY ENGINEERING  
& SURVEYING  
INSTITUTE

UMS is a U.S. Department of Veterans Affairs verified Veteran Owned Small Business (VOSB) and member of the American Society of Civil Engineers (ASCE) and Utility Engineering and Surveying Institute (UESI).

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## WORK PLAN FOR UTILITY ENGINEERING

### Subsurface Utility Engineering (SUE) Utility Investigation, Designating and Locating Sanitary Sewer Force Main Locating and Mapping RFP 12092021 - Village of McFarland

#### Executive Summary

Utility Mapping Services (UMS) scope of work is to perform utility engineering (UE) subsurface utility engineering (SUE) services as a sub-consultant for the Village of McFarland (a.k.a. “Client” and “Owner”) to complete the above named project. A utility investigation will be executed in accordance with ASCE 38<sup>1</sup> standards to designate and depict the identified existing sanitary sewer (SS) force mains for maintenance of McFarland’s SS collection and transmission system. Data is expected to be used for asset management, damage prevention, and subsequent utility coordination and engineering for design and construction projects. Work will commence on **April 1<sup>st</sup>**, with substantial completion by **July 1<sup>st</sup>, 2022**. Final submittals completed no later than **September 30<sup>th</sup>, 2022**.

The project involves four Village of McFarland lift stations and two private lift stations for a total of six distinct sanitary sewer force main alignments. These alignments total approximately 8,300 feet along streets, easements, and on private property. Identification of **pipe diameter, length, depth, material** and **major bends** (greater than 22 degrees) and in increments not exceeding 50-feet between bends for each sanitary sewer force main. Horizontal coordinate information will be in **Dane County Coordinates**.

UMS will use state-of-the-art non-intrusive investigative technologies to “designate” (i.e., identify, detect, and delineate alignments in accordance with ASCE standard quality level B criteria) including, but not limited to: 1) Condux International Gyroscopic Inertial Navigation Technology; 2) Vacuum Excavations; 3) Inductive Electromagnetic (EM) Radio Detection (RD) Pipe and Cable Locator for conductive piping; 4) Inductive Electromagnetic Radio Detection Pipe and Cable Locator combined with a conductive rod for non-conductive piping. Strategically placed vacuum excavated test holes (up to 25) will be employed to provide ground truth and verification information (i.e., ASCE 38 quality level A test hole results), supplement depth information as needed for gyroscope and EM equipment, and as necessary to achieve project objectives.

Submittals will be compliant with ASCE 38 and will be in digital CADD (Autodesk Civil 3D or Bentley MicroStation) format, GIS compatible format (e.g., ESRI), PDF format test hole summary report including depth, elevation, size, material, photographs, QL A utility position, and a SUE Utility Investigation report sealed by the SUE engineer-of-record (a qualified Wisconsin registered professional engineer highly experienced in subsurface utility engineering as defined by ASCE 38) which summarizes the investigation, highlights unusual or significant findings and encountered discrepancies, provides recommendations and lists submittal products.

---

<sup>1</sup> American Society of Civil Engineers Construction Institute *Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data* (ASCE/CI 38-02), Reston VA 2002



## Company History and Background

### Firm Capabilities / Expertise



**Utility Mapping Services, Inc. (UMS)**, a federally registered Veteran Owned Small Business with staffed offices across the U.S., is a specialized professional engineering firm established in 2002 specifically to address and execute SUE as a rigorous geophysical and engineering discipline. UMS methodologies include: 1) advanced 2-D and 3-D geophysical survey methods; 2) sophisticated data management technologies compliant with emerging 3-D digital technologies and ASCE and Open Geospatial Consortium (OGC) standards; 3) pioneered 3-D modeled depictions for enhanced design analytics, utility coordination, construction planning, building information management (BIM), machine guidance, etc.; 4) progressive conflict analysis, clash detection, and sophisticated resolution engineering; and 5) advanced coordination and innovative contracting strategies.

UMS Office Locations



Our proven methodology optimizes utility coordination and conflict resolution engineering and includes the following activities: utility designating and locating per ASCE 38-02, conflict analytics, value engineering, cost estimates, agreements, quality control, scheduling, risk reduction, safety analyses improvements, and project buy-off. Our work meets ASCE 38 standards (as intended) and work products include: 1) existing utility reference CAD file with 2-D and/or 3-D depictions and labels provided in accordance with ASCE 38; 2) a corresponding SUE engineering report sealed by the SUE professional engineer-of-record. The goal of ASCE 38 is to achieve and utilize Quality Level (QL) B and QL A depictions for project development and delivery. For the isolated incidents where we cannot achieve QL B due to, for example, access constraints or geophysical limitations, we will document the reasons why and provide recommendations.

UMS was co-founded by Philip J. Meis, P.E., President. UMS currently has 35 full-time employees, including seasoned professionals and field technicians, located across the U.S. During the past two decades we've successfully completed over 1,250 SUE projects large and small without incident.

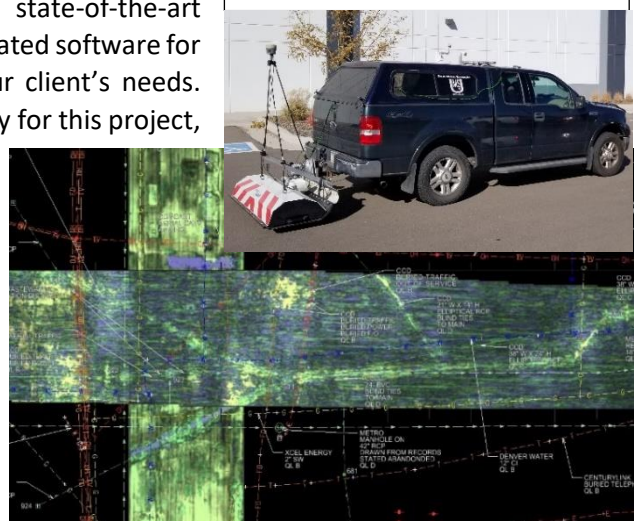
## Qualifications of the Contractor – Capabilities and Expertise

### UMS Owned and Operated Services and Equipment

UMS's company toolbox includes numerous state-of-the-art geophysical mapping and detection tools and associated software for data processing and utility depictions to meet our client's needs. Although not all tools listed below may be necessary for this project, UMS owns and has vast experience delivering utility mapping projects which incorporate the following company owned equipment:

**Multichannel ground penetrating radar (MCGPR)** with survey grade navigation and 3-D time-slice data processing software. This combined technology, promoted by the FHWA 2<sup>nd</sup> Strategic Highway Research Program (SHRP2) R01B

UMS Raptor MCGPR and Data



Utility Mapping Services, Inc.

[www.umsi.us](http://www.umsi.us)

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initiative, enables markedly enhanced investigative measures for searching for buried unknowns as well as providing extremely useful depth information for developing 3-D depictions and models of buried infrastructure.

UMS has successfully utilized MCGPR for utility investigations on recent large projects including: the Honolulu Authority for Rapid Transit light rail; Los Angeles World Airport Automated People Mover and Intermodal Transit Facilities; I405 / Renton to Bellevue Widening Project for WSDOT in the Seattle Metro area; I-15 Express Lanes in Salt Lake City; and the ten-mile I-494 3D SUE (SP 2785-424) for a wide variety of improvements between US 169 and TH5 (MSP Airport).



UMS Spar 300

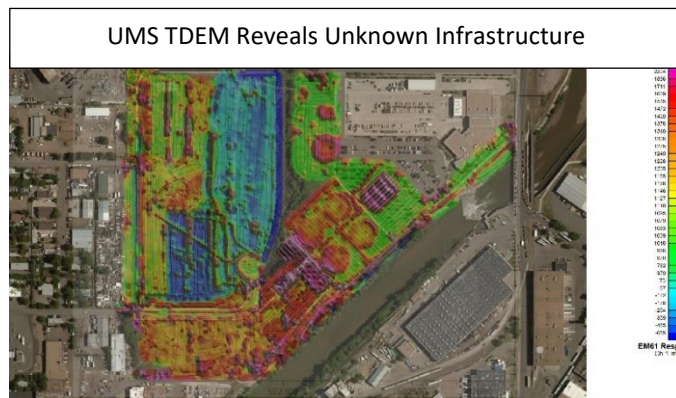
UMS's geophysical arsenal also includes the **Vivax Metrotech Spar 300®** electromagnetic induction system which derives 3D alignment data (position and elevation tied to project control) for conductive utilities, with results including metadata on observations for evaluating data reliability. A Wisconsin DOT Research Project (ID 0656-23-09) completed by UMS in 2014 verifies the Spar 300 can provide highly useful, contiguous 3D profile data at a fraction of the cost of discrete vacuum excavated test holes. UMS experience with combining Spar 300 and GPR records can **reduce test holes needs by 25% to 75%** depending on project and utility specifics.



UMS Downhole LiDAR

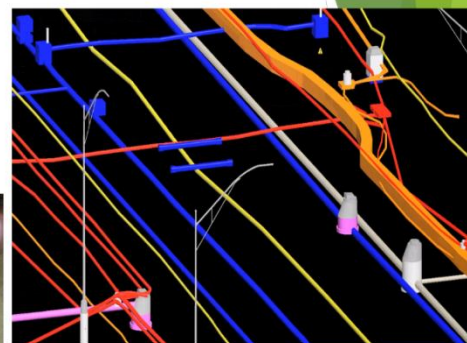
UMS utilizes **downhole LiDAR** to provide spatially accurate and comprehensive logging of buried structures, contents, and connecting pipe and cable infrastructure. UMS also utilizes **time domain electromagnetics (TDEM)** to sweep for buried unknowns.

With test hole (ground-truth) data at key locations, UMS engineers can develop reliably qualified **3-D model renderings of buried infrastructure** that can be referenced into proposed designs for subsequent clash detection and design development. 3D CADD and 3D BIM/CIM applications enable modeling and realistic virtual rendering of existing and proposed infrastructure which is unleashing previously untapped engineering strategies that mitigate project risk, reduce public and commercial disruption, and expedite construction. All this accordingly reduces project costs in a major way. Project data indicate cost savings incurred during construction are on the order of



#### Why 3D? - 2015 HP Gas Main Case Study

- ◆ Permit with 2 Waivers
- ◆ "Best Bid Package Ever Seen"
- ◆ Bid 10% Below Engineer's Estimate
- ◆ Scheduled for 10 weeks / 2 crews
- ◆ Built in 7 weeks / 1 crew
- ◆ No damage, no delays, no changes
- ◆ Built as designed (as-built)



Utility Mapping Services, Inc.

[www.umsi.us](http://www.umsi.us)

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10% of overall project costs. A recent **UMS 3-D model** for a gas main installation project in Washington resulted in a 50% labor reduction, 30% schedule reduction. The project was completed without any damages, delays, or change orders.

### GIS Data Management

Enabling the overall strategy is GEOfeature™, a collaborative, secure, web-based utility infrastructure repository and management application with live GIS mapping and viewing, which was developed with UMS support under a concerted effort with GEO.works International, Inc.



### Other tools and equipment commonly deployed by UMS on utility mapping projects include:

- Radio detection or Vivax Metrotech pipe and cable locators
- CCTV pipe camera
- Conductive Rodder for non-conductive ducts and pipes
- Trimble RTK GPS/GNSS and line of sight surveying equipment

### Common software utilized for project delivery include:

- Bentley MicroStation
  - Open Roads
  - Power GEOPAK
  - Power INROADS
- Autodesk Civil 3D (2016-2021)

### Services commonly subcontracted for UMS project delivery include:

- Traffic control
- Vacuum excavating
- Gyroscopic Inertial Navigation Technology (See appendix B for Condux International Company Information)

UMS is a U.S. Department of Veterans Affairs (VA) verified Veteran Owned Small Business (VOSB) and Member Organization of the ASCE Utility Engineering and Surveying Institute.



UTILITY ENGINEERING  
& SURVEYING  
INSTITUTE

## Project Experience and References

(Includes municipal references)

| Project                                                                              | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Contacts for references                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3-D Utility Survey Practices<br><br>PROJECT ID<br>0656-23-09                         | A 3-D Utility Investigation Research Initiative to: 1) Determine best practical mapping technologies for acquiring 3-D utility alignments; and 2) Incorporate associated standards and best practices. Project established WisDOT guidelines for acquisition of 3-D utility data for VDC, related digital project delivery technologies and utility engineering best practices that improve safety, mitigate risks and reduce costs. New inductive EM detection and mapping instrument, the Optimal Ranging "Spar 300", which can acquire both horizontal and vertical alignment coordinates along with associated observation accuracy metrics was trialed. GPR and Spar 300 data were compared against: 1) vacuum excavated test holes; and, 2) utility "as-built" information of known quality. Project included acquisition and analysis of data from five WisDOT pilot projects (one completed in each region) and two supplemental projects. Jan.-Sept. 2014; Total Contract Amount \$29,000 | <b>Wisconsin DOT</b><br>Norman Pawelczyk<br>Technical Services Chief<br>Division of Transportation<br>Systems Development<br>Bureau of Technical Services<br>4802 Sheboygan Ave.<br>Room 501<br>P.O. Box 7986<br>Madison, WI 53707-7986<br>Office: 608-266-2362<br>Cell: 608-516-6355<br>Pawelczyk, Norman - DOT<br><a href="mailto:Norman.Pawelczyk@dot.wi.gov">Norman.Pawelczyk@dot.wi.gov</a> |
| Force Main Utility Locating – Billings Bypass<br>Billings, MT                        | Full SUE utility investigation – utility designating and locating for road design and construction; however, project included locating 1,600 lineal feet of 6-inch HDPE sanitary sewer force main. 10-12 test holes completed for SS force main work.<br><br>2016-2021<br>Total Contract Amount \$356,652<br>Force Main portion approximately \$14,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Montana DOT</b><br>Douglas Enderson, PE, PTOE<br>Transportation Manager<br>DOWL<br>-<br>(406) 656-6399   office<br>(406) 869-6337   direct<br>(406) 671-9620   cell<br><a href="mailto:DEnderson@dowl.com">DEnderson@dowl.com</a>                                                                                                                                                             |
| US-550 Montrose<br>(A 4-mile stretch of roadway along US-550, south of Montrose, CO) | Roadway improvements, turn lanes, deer fences. Services currently include utility data acquisition, geophysical survey, utility reference file CADD development. Future efforts include further utility data acquisition, geophysical survey, CADD file development, vacuum excavations and submittal documentation.<br>May 2019 to current<br>Total Contract Amount \$83,100<br>Phase 1 field designating is currently being completed.<br>Project in design.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>City and County of Denver</b><br>Mary Keith Floyd, P.E. –<br>Goodbee & Associates<br>1221 Auraria Parkway, Denver,<br>CO 80204<br>303-667-6985<br>mk@goodbeeassoc.com                                                                                                                                                                                                                         |

| Project                                                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                           | Contacts for references                                                                                                                                                                                      |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| US-34, Denver Avenue to Rocky Mountain Avenue (Loveland, CO) | Roadway widening and intersection improvements. Construction of overpass over existing railroad crossing, roadway widening and intersection improvements. Services include utility data acquisition, geophysical survey, utility reference file CADD development and submittal documentation.<br>January 2019 to June 2019.<br>Total Cost: \$134,500<br>UMS project scope has been completed. Project in design.                      | <b>City of Loveland</b><br>Michael Perez, P.E. – SEH, Inc.<br>2000 South Colorado Blvd,<br>Suite 6000, Denver, CO 80222<br>720-540-6825<br>mperez@sehinc.com                                                 |
| US Hwy 212 PCN 027D<br><br>Watertown SD                      | Full utility designating/mapping and locating (vac excavations) of sanitary sewer system including force mains. Utility conflict identification and utility coordination.<br><br>July 2014 to April 2021<br>Total Cost: \$181,000                                                                                                                                                                                                     | <b>South Dakota DOT</b><br>Clint Freeman<br>SDDOT - Road Design<br>Utility Coordinator<br>Ph: 605-773-4426<br>Fax: 605-773-2614<br>Clint.freeman@state.sd.us                                                 |
| I-25, Exit 11<br><br>(Trinidad, CO)                          | Interchange improvements. Services included utility data acquisition, geophysical survey, utility reference file CAD development and submittal documentation.<br><br>September/October 2020 and February 2021<br>Total Contract Amount \$45,000<br>Phase 1 and 2 investigations are complete.                                                                                                                                         | <b>Colorado DOT</b><br><br>John Sabo, P.E. – Benesch<br>7979 East Tufts Avenue, Suite<br>800, Denver, CO 80237<br>720-771-6868<br>jsabo@benesch.com                                                          |
| Gun Club Road<br><br>(Aurora, CO)                            | Roadway widening. Services include utility data acquisition, geophysical survey, ground penetrating radar, SPAR 300 survey, utility reference file CAD development, 3D utility model creation and submittal documentation.<br><br>February 2020 to April 2021<br>Total Contract Amount \$374,000<br>Phase 1 field designating, and 3D modeling is complete. Project is in the design phase.                                           | <b>City of Aurora</b><br><br>Jeff Binning, P.E. – Stanley Consultants<br>8000 South Chester Street, Suite<br>500, Centennial, CO 80112<br>720-460-4724<br>binningjeff@stanleygroup.com                       |
| TH 212<br>Sacred Heart,<br>MN                                | 1 mile of urban roadway reconstruction, storm drainage replacement, street lighting replacement. 10 miles of rural truck highway surface reconstruction and drainage improvements. 3D QL B utility designating, vacuum excavations test holes, 3D existing utility model development, utility conflict analysis and utility coordination.<br><br>May 2018 to Present (completion est. March 2022)<br>Total Contract Amount: \$166,600 | <b>Minnesota DOT / SRF Consulting Group</b><br><br>Jon McPherson, P.E. – SRF Consulting Group<br>3701 Wayzata Boulevard, Suite<br>100, Minneapolis, MN 55416<br>763-452-4812<br>jmcpherson@srfconsulting.com |

### Availability of Resources and Reliance on Subcontractors

UMS field and office staff are confirmed as having availability to complete this project as is described in the RFP and as estimated by UMS. Field work will be completed on or before July 1<sup>st</sup>, 2022. Office processing and deliverables will be provided on or before September 30<sup>th</sup>, 2022. Below are the key UMS staff and subcontractor team to perform the work as described in the work plan.

The **UMS project management team** will consist of:

- Project Manager, Nathan Greer, [ngreer@umsi.us](mailto:ngreer@umsi.us), 406.665.5562
- Field Ops Manager, Mark Benner, [mbenner@umsi.us](mailto:mbenner@umsi.us), 320.247.3191
- SUE Engineer of Record, Phil Meis, P.E., [pjmeis@umsi.us](mailto:pjmeis@umsi.us), 406.552.0883

| Employee Name   | Role                         | Current & Projected Workload              |                           |                 | Total Monthly Time % Available<br>(April 2022 - September 2022) | Average Monthly Estimated % of Time Required for this Project (April 2022 - September 2022) |
|-----------------|------------------------------|-------------------------------------------|---------------------------|-----------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|                 |                              | Project Name                              | Monthly % Time Commitment | Completion Date |                                                                 |                                                                                             |
| Philip Meis, PE | UMS Principal Engineer       | Various Project Involvement               | 20%                       | Mar-22          | 15%                                                             | 5%                                                                                          |
|                 |                              | Marketing and other Company Related Items | 65%                       | Ongoing         |                                                                 |                                                                                             |
| Nathan Greer    | UMS Project Manager          | Minnesota Project Involvement             | 25%                       | Ongoing         | 75%                                                             | 15%                                                                                         |
|                 |                              | South Dakota Project Involvement          | 40%                       | Ongoing         |                                                                 |                                                                                             |
|                 |                              | Montana Project Involvement               | 10%                       | Ongoing         |                                                                 |                                                                                             |
| Mark Benner     | UMS Field Operations Manager | Various Project Involvement               | 15%                       | Ongoing         | 55%                                                             | 25%                                                                                         |
|                 |                              | SD, MT, MN, OR, WA Project Involvement    | 40%                       | Ongoing         |                                                                 |                                                                                             |

The **UMS subcontractor(s) team** will consist of:

#### 3D Gyroscopic Inertial Navigation Mapping Technology

- Condux International, Santosh Saride, [santoshs@condux.com](mailto:santoshs@condux.com), 507.387.8036

#### Vacuum excavation

- Goliath Hydro-Vac, Rachelle Volk, [dispatch@goliathvac.com](mailto:dispatch@goliathvac.com), 612.727.3444

#### Traffic control

- Mega Rentals, 608.222.8055; Barricade Flashers, 608.795.2241; or Local traffic control subcontractor

UMS has confirmed with Condux International and Goliath Hydro-Vac that both firms are 100% available to complete the work (estimated at ~2 weeks) as described between the months of April 1<sup>st</sup>, 2022 – July 1<sup>st</sup>, 2022.

If required, a weekly or bi-weekly progress report will be prepared by the project manager and submitted via email to Client project management to document the SUE investigation. During the project time frame UMS project management staff members can be available to meet in person with Client project management for any urgent reason. Cell phone numbers for all of the UMS project management team members will be available to the Client should immediate communication be desired.



## Cost Proposal Form

In accordance with the attached instructions, terms/conditions, and scope of services we, as the Contractor, submit the following cost proposal to the Village of McFarland.

This cost proposal shall include all necessary labor, materials, supervision, equipment, appliances, and materials to perform all operations required to provide sanitary sewer force main locating and mapping services.

### Locating and Mapping Services

- Conventional methods (Gyroscope, pipe and cable locator, rodder, vac truck – up to 25 test holes) **\$10.25 per lineal foot**

Vertical accuracy within actual placement:

QL A Test Hole Observations: +/- 0.1 feet

QL B\* Geophysical Observations: +/- 10% of depth (pipe and cable locator)

Gyroscopic Observations: +/- 0.33 feet

Horizontal accuracy within actual placement:

QL A Test Hole Observations: +/- 0.1 feet

QL B\* Geophysical Observations: +/- 0.75 feet (pipe and cable locator)

Gyroscopic Observations: +/- 0.5 feet

\*Notes: Geophysical tolerances may vary, but the majority of data will fit into the tolerances noted above. This work will be performed and submittals developed in accordance with ASCE 38<sup>1</sup> Interpretation of results, annotations, and applicability of data will accordingly adhere to ASCE 38 Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data.

(Phil Meis, P.E., is a member of the ASCE 38 standard committee.)

*Pricing noted above assumes minimum of 8,300 lineal feet of SS force main utility infrastructure is designated and located. Reduction of the quantity of lineal feet may require UMS to increase rates to adequately cover fixed base costs for mobilization, setup, processing, submittal preparations, etc.*

### Cost Proposal for Additional Locating and Mapping Beyond RFP Details

Without further information detailing potential additional locating and mapping needs (utility type, material, location, length, etc.) beyond what is described in the RFP, the lineal footage pricing below may be utilized for additional locating and mapping. Further negotiation in the interest of both parties is recommended to ensure all necessary costs are covered appropriately and the work is completed in the most efficient manner possible to minimize owner expense. The lineal footage pricing provided below may be utilized to estimate cost of additional locating and mapping; additional UMS pricing information has been included as the overall price may need to consider crew location and specific utility details.



Optional additional utility designating:

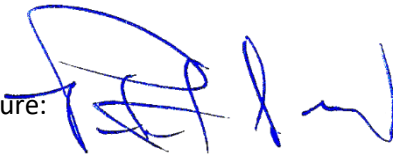
- \$ 9.00 per lineal foot additional sanitary sewer force main mapping conducted **during** 8,300-foot mobilization
- \$ 1.50 conductive utility designating completed **during** the 8,300-foot mobilization (over 1,000 lineal feet)

Additional UMS pricing information (does not include Condux International and Goliath Hydro-Vac)

- Daily per diem (lodging and meals for Apr-Oct): \$195 per person
- Mobilization cost (round trip): \$1,725 (1) UMS vehicle, 1 field person
- Daily mileage cost: .585 per mile per UMS vehicle
- Labor cost per 1 UMS field person: \$120 per hour
- Office Engineering/CADD Development: \$110 per hour
- Conventional survey equipment: \$146 per day
- Project Management: \$149 per hour
- Professional Engineering: \$160 per hour
- Traffic control (without flaggers): \$1,500 per day

I certify that the contents of this proposal are known to no one outside the firm, and to the best of my knowledge all requirements have been met in compliance with the subject RFP.

Authorized Signature:



Printed Name: Philip J. Meis, P.E.

Title: President / Principal Engineer

Firm Name: Utility Mapping Services, Inc.

Date: 31 January 2022





## Section 1 - Statement of Scope of Work

This work will be performed in accordance with ASCE 38 and includes the following activities:

- Compile utility data, including records, as-built information, previous reports (e.g., 2018 McFarland East Basin Utility Service Study), and temporal AI diversion method information.
- Prepare field books, log sheets, and crew scheduling and logistics for the initial utility designating field campaign.
- Mobilize utility designating field crew to perform work in the following sequence:
  - For conductive force main pipes, UMS will utilize EM pipe and cable technology to locate the horizontal position of the pipe center from the ground surface. For non-conductive force main pipes, UMS will utilize Inductive EM RD Pipe and Cable Locator combined with a conductive rodder for up to 400 feet.
  - At each sewer outfall manhole, field personnel will log pipe size, material, depth and take photographs. Each manhole will be surveyed, and pipe elevation will be determined.
  - For verification of pipe size, material, depth, horizontal and vertical position, and to facilitate gyroscopic mapping methods, test holes will be completed ~25% from the force main outfall manhole.
  - Condux International will utilize their gyroscopic inertial navigation mapping equipment to determine positional data at 1 foot on center for each sewer force main (See **Appendix B** for an overview of Condux International and the gyroscopic equipment proposed for this project). Gyroscopic force main mapping will begin at the outfall manhole and extend the length of the pipe or up to ~1,500 lineal feet.
    - For conductive pipes longer than 1,500 lineal feet, additional test holes will be completed at ~250-foot intervals to reach the lift station. Supplemental EM depth measurements will be acquired between each test hole to provide data at no further than 100 feet on center.
    - For non-conductive pipes longer than 1,500 lineal feet, additional test holes will be completed at ~100-foot intervals to reach the lift station.
- Perform vacuum excavated test holes near each lift station to verify alignments, provide direct (QL A) observations of SS force mains and verify pipe size and material continuity.
- Characterization, and 3D wireframe depiction in CADD (Autodesk Civil 3D or Bentley MicroStation) and GIS (ESRI compatible) format of existing utility infrastructure data to develop a reliably qualified base map and data set from which to develop and support asset management, damage prevention, design, coordination, and construction decisions.
- Prepare professional submittals in accordance with ASCE 38 including engineering report, CADD (MicroStation or Civil 3D compatible format) reference file, and GIS compatible survey data file with depicted observed and designated SS force mains along with other adjacent utility infrastructure incidentally encountered and documented during the



investigation. GIS information to include related logged vaults and structures, and digital images. Manhole and Test Hole Summary Reports.

UMS has designated and mapped many SS force mains over the past two decades. In fact, the same project team members very recently completed mapping of some 1,600 lineal feet of SS force main in Billings MT for the Billings Bypass MDT project, and 1,080 lineal feet of SS service, SS force main and private roof drain/sump drain piping in Watertown SD for SDDOT. We know the systems and the tricks of the trade, including accessing outfalls and cleanouts with specialized inductive EM rodder equipment to obtain 3D QL B observations which help support gyroscopic mapping data.

## **Section 2 - Project Limits**

Project involves seven existing force mains totaling approximately 8,285 lineal feet as defined below:

- Erling Avenue Force Main (Lift Station #1) – Consisting of 1,443 lineal feet. Pipe material and size unknown.
- Pheasant Run Force Main (Lift Station #2) – Consisting of 3,077 lineal feet. Pipe material is ductile iron and pipe size is 8 inches in diameter.
- Meredith Way Force Main (Lift Station #3) – Consisting of 802 lineal feet. Pipe material is ductile iron and pipe size is 4 inches in diameter.
- Terminal Drive Force Main (Lift Station #4) – Consisting of 1,916 lineal feet. Pipe material is HDPE and pipe size is 6 inches in diameter.
- Lewis Lane Private Force Main – Consisting of 447 lineal feet. Pipe material is PVC and pipe size is 1.5 inches in diameter.
- Taylor/Terminal/Erling Private Force Main – Consisting of 600 lineal feet. Pipe material and size unknown.

Figures 1 through 6 provide plan views and sample street views of the road corridors associated with these force mains.

Figure 1. Erling Avenue (Google Earth™)





Figure 2. Pheasant Run (Google Earth™)





Figure 3. Meredith Way (Google Earth™)





Figure 4. Terminal Drive (Google Earth™)





Figure 5. Lewis Lane (Google Earth™)



Figure 6. Taylor/Terminal/Erling (Google Earth™)





### Section 3 - Project Deliverables

Utility Engineering deliverables include digital and hardcopy submittals of the following:

- CADD utility reference file (.DWG or. DGN format) based on Utility Designating and Locating results.
- GIS compatible data set with observation data presented as specified in the subject RFP. Observation data for each force main will include:
  - Diameter of force main.
  - Length of force main.
  - Material of which the force main is composed.
  - Pipe depth.
  - Locations of bends or significant deviations in the line.
  - Date and time located/mapped.
  - Noted problems for each section of pipe.
  - Other anomalies and other utilities incidentally encountered.
- Test Hole and Manhole log forms in PDF format.
- A P.E. sealed submittal report summarizing this investigation with highlights of unusual findings.

In addition, UMS will provide ongoing interpretive support to assist Village of McFarland officials with understanding submittals and ensure submitted data is properly understood and utilized.

### Section 4 - Project Assumptions

Assumptions:

- UMS utility research will stem from previous records investigation work performed by the Client. UMS requests all previously obtained records be provided upon Notice to Proceed. Reasonable efforts will be made to obtain supplemental utility records to produce the deliverables within the project schedule. The timely cooperation of utility owners may be necessary to develop the utility inventory map for facilities within the project area.
- Pipe position data acquired using gyroscopic mapping equipment will be approximately 1 foot on center.
- Where gyroscopic mapping equipment cannot be used, test holes and EM depth observations will provide positional data on **average** no more than 100 feet on center or 50 feet from bends greater than 22 degrees.
- UMS assumes RTK GNSS survey operations will be sufficient for all engineering survey of exposed and designated utilities.
- Sufficient project survey control exists within the project area for engineering survey operations; consequently, labor for establishing survey control is currently not included within this scope of work and the associated cost estimate.
- Confined space entry by UMS or its subcontractors **will not** be required for this effort. Measurements within confined spaces will be taken from the surface (e.g., down hole LiDAR) without human entry into the confined space.
- Vertical (depth and elevation) direct observations (test holes, manholes, surface features, etc.) will be tied to project control to an average accuracy of +/- 0.1 feet.

- UMS assumes all work will be completed during regular working hours (8:00 AM to 5:00 PM) and without start/stop time restrictions.
- Field crews will use paint to mark out the utility alignments and assume no paint removal will be required.
- EM designating and access for gyroscopic mapping methods are assumed to be effective for the project based on other assumptions and details included in this workplan. Accordingly, up to 25 test holes are assumed to adequately: 1) provide required QL A observations for verifying QL B observations, including pipe material, size, depth information; 2) calibrate pipe position derived through geophysical methods; and 3) search for pipes which could not be designated using gyroscopic or EM designating methods. Additional fees may be required if more than 25 test holes are required to satisfy Owner assessed needs.
- Cold patch asphalt may be used to for restoration of vacuum excavated test holes.
- Provide traffic control for operations involving minor lane closures (on multi-lane roadways), lane shifts, shoulder work, etc. Traffic control does not include flaggers. Should flaggers be required, additional costs will be passed through at cost and in addition to the lineal foot price provided.

Client and / or Owner will:

- **Obtain all necessary right-of-entries, security clearances, etc. (including private land access) to allow UMS field personnel to work within the project limits and vicinity.**
- Provide information showing the project limits, alignment, profile, survey control points, benchmark data, coordinate data, relevant design and topographic CADD files, aerial photographs, and any other applicable information.
- Provide survey control information **prior** to UMS field crews arriving on-site.
- Provide any record or relevant survey or LIDAR information previously obtained by others.
- Assist UMS as necessary with access to utility facilities.
- **Remove any necessary elbows, drop pipes, and down pipes that are in force main outfall manholes to provide rodder and gyroscope equipment access.**
- **Temporarily shut off each force main lift pump twice to allow for sufficient working conditions. UMS will coordinate with village personnel to minimize lift pump down time.**
- **Village of McFarland personnel will monitor lift pump basin volume during pump shutdowns.**
- Provide water for hydrovac operations and a dump site for vacuum excavation spoils/slurry.

UMS will perform the following coordination activities:

- Work closely with the Client and Owner to facilitate the orderly progress and timely completion of the approved tasks.
- Coordinate the work effort with the Client to discuss progress and resolve problems.
- Upon request provide the Client copies of logs and/or correspondence that document work-related communications between utility owners, outside agencies, and/or private landowners.
- Coordinate operations with private and public utility infrastructure owners.
- Coordinate with the Client to have each force main shut off temporarily twice.
- Obtain required Diggers Hotline (811) tickets.



- Provide all necessary equipment, supplies, and support personnel to secure data outlined in this section.

Associated labor and costs may increase if actual conditions deviate significantly from those assumed for this estimate. UMS will work with the Client in good faith to complete operations in a timely manner and will negotiate new pricing if conditions encountered significantly deviate from those assumed.

The results of the utility investigation will be pertinent at the time in which field investigation operations are completed and are subject to change. Subsequent SUE investigations may be necessary to account for any new or changed utility installations.

### **Section 5 - Project Schedule**

UMS can typically begin work within two weeks of receiving notice-to-proceed (NTP). Based on assumed conditions identified in this scope of work, the following is the estimated project schedule:

- The initial effort will consist of **requesting record information** from the Village of McFarland. Estimated completion **April 15<sup>th</sup>, 2022**.
- **Utility designating, vacuum excavation and gyroscopic mapping field operations** are estimated to require approximately **two weeks** to complete.
- **Substantial completion** of all field work will be achieved by **July 1<sup>st</sup>, 2022**.
- **Final submittals** will require up to **four weeks** after the field work has been completed to include the QL B CADD drawing, utility GIS database preparation, and completion of QA review and discrepancy resolution efforts.

**Final deliverable will be delivered on or before September 30<sup>th</sup>, 2022.**

UMS, at its own discretion, may assign different personnel to perform tasks specified within the work scope and estimate based on staff availability and project schedule.

UMS is prepared to add crew members as necessary to ensure necessary production levels are met and submittals are timely for utility coordination and design development.

## **Appendix A – Resumes**

Philip J. Meis, P.E. – Principal Engineer and Project Engineer-of-Record

Nate Greer – Project Manager

Mark Benner – UMS SUE field Operations Manager



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## PHILIP J. MEIS, M.S., P.E.

### PRESIDENT / PRINCIPAL ENGINEER

#### QUALIFICATIONS

Philip J. Meis, P.E. is a registered professional engineer with a background in civil design, surveying and mapping, geophysics, and data management. From 1986-90 he served as a NOAA Corps commissioned officer. Phil has been directing subsurface utility engineering services (SUE) on a national level since 1996 and was project manager and engineer-of-record for the SUE effort on the new I-70 Mississippi River Bridge design in St. Louis and the first SUE term contract for the TXDOT San Antonio District.

In 2002 Phil co-founded UMS specifically to address and execute SUE as a rigorous geophysical and engineering discipline. He is active with the Transportation Research Board Utilities Committee (AKD60), American Council of Engineering Companies, American Association of State Highway and Transportation Officials (AASHTO) and the American Society of Civil Engineers (ASCE). Phil served on an National Research Council Strategic Highway Research Program 2 initiative, R-15B, to standardize usage of utility conflict matrices. He currently chairs the committee for the ASCE **Standard for Recording and Exchanging Utility Infrastructure Data**, and the Utility Engineering and Surveying Institute (UESI) **Utility Risk Management Division**. He is a committee member for the ASCE 38 revision **Standard Guideline for Investigating and Documenting Existing Utilities**.

Phil is currently involved with implementing 3-D digital utility data repositories, standards, and supporting applications for lifecycle management of utility infrastructure installed within public right of way. He co-authored a 3-D Utility Surveying Practices report for the Wisconsin DOT and presented those findings at the IADOT sponsored 3-D Design Workshop. At FHWA's request he has presented digital 3-D utility management practices to a nationwide audience for the Every Day Counts webinar series. While chair of the ASCE UESI Utility Investigation and SUE Committee, Phil helped lead the development of the **Effective Utility Records Research** white paper recently presented in a February 2019 ASCE webinar.

*A leading national authority on utility engineering standards and best practices, Phil assures the latest technologies and methods are employed to acquire, analyze, and optimally integrate impacted utility infrastructure within project development and delivery efforts.*

#### PROJECT EXAMPLES

- 3-D Utility Investigation and BIM Model – Honolulu Authority for Rapid Transit (HART) City Center Guideway Project (light rail) and 138kV Transmission Relocation – Honolulu, Hawaii (2016-2019)
- SHRP2 R01A Implementation Utility 3D Digital Repository - MDT (2019)
- 3-D Utility Engineering – 10.5 Mile I-494 Corridor for MnDOT (ongoing)
- 3-D Utility Investigation and BIM Model - Landside Access Modernization Program (LAMP) Automated People Mover (APM) and Central Terminal Area CTA Projects for the Los Angeles World Airport (2016-2017)

#### Recent Presentations

- Standard Guideline for Recording and Exchanging Utility Infrastructure Data – TX ASCE UESI Chapter College Station (Oct 19)
- 3D Utility Investigations and Modeling – Western Regional Gas Conference – Tempe, AZ (Aug 2019)
- Utility Risk Management Workshop – ASCE UESI Pipelines Conference – Nashville, TN (Jul 2019)

**Recent Publications:** NCHRP 20-07, Task 418, *An Impact and Value Analysis of Requiring Geospatial Locations for Utility Installation As-Builts*, Transportation Research Board of The National Academies of Sciences, Engineering, and Medicine, Jun 2020



#### REGISTRATION

Registered Professional Engineer: MN 44853  
CO 37934  
MT 12815  
UT 5099195-2202  
SD 7782, WY 10186  
(Additional Reg.)  
IL, IA, ID, WI, MO, TX, MI, HI, DC

#### EDUCATION

M.Sc., Geophysical Engineering, Colorado School of Mines, 1986  
B.Sc., Industrial Engineering, Iowa State University, 1983

#### AFFILIATIONS

ACEC, ASCE Utility Engineering and Surveying Institute, Construction Institute, SEG, TRB AKD60

#### EXPERIENCE

UMS ('02-PRESENT)  
MACTEC, NOAA CORPS

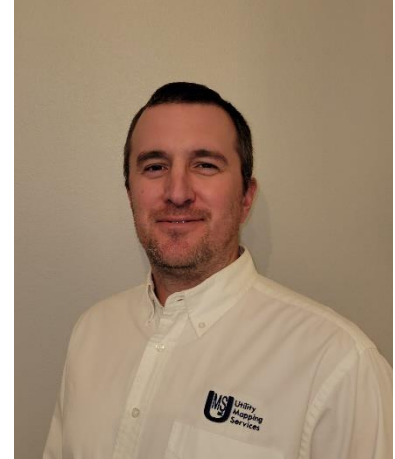


## NATHAN GREER

### QUALIFICATIONS

UTILITY COORDINATOR / PROJECT MANAGER  
OFFICE LOCATION: BILLINGS, MT

**Nathan Greer** has a diverse background in project management of both field and office personnel for civil construction and utility engineering projects. Mr. Greer's specialties include the evaluation of existing utility data and application of subsurface utility engineering practices for use in identification of utility impacts with project design elements. Mr. Greer has vast experience recognizing, coordinating and engineering low-cost, value-engineered utility conflict solutions. He has nearly a decade of experience acquiring and leveraging SUE data, coordinating with project owners, utility owners, design teams and has a proven track record of establishing good rapport with all parties involved in utility coordination and engineering processes. This wide array of management and engineering experience make him an ideal SUE Project Manager and Utility Coordinator for Montana Department of Transportation Design-Build projects.



Along with the above-mentioned accolades, Mr. Greer has performed or managed SUE projects for MDT, MnDOT, NDDOT, ODOT, SDDOT, UDOT, WisDOT, WSDOT, and for the Honolulu Authority for Rapid Transit (HART). His diverse civil construction background allows him to utilize both his engineering education and past construction experience as a project team asset throughout a project lifecycle. His civil construction experience installing utilities as a field engineer and heavy equipment operator, and nearly a decade spent in the field of Utility Engineering provides a unique knowledge base when managing and leading SUE and Utility Coordination projects. **He recently managed the SUE and Utility Coordination efforts as a member of the project team on the award-winning MT-81 Bridges Design-Build project (MDT).** This was one of MDT's first Design-Build projects, and one in which MDT assigned the role of SUE data acquisition, design and utility coordination, utility agreements and utility relocation reimbursement, as a task to be completed by the contractor. Mr. Greer has vast experience successfully working with MDT and design-team representatives on various MDT projects throughout his career. He has training and experience in project management, utility coordination and engineering, geophysical detection methods, surveying, database and data management, and quality assurance practices required for Utility Engineering.

### EDUCATION

B.S. Construction Engineering  
Technology, Montana State  
University, 2007

### EXPERIENCE

Project Manager / Utility  
Coordinator, UMS, Inc., 2012  
to present

Project Superintendent,  
Project and Field Engineer,  
QC Engineer, Estimator,  
Kiewit Bridge & Marine, 2007  
to 2012

Field Engineer/Equipment  
Operator T&S Cheff  
Construction, 2004-2006

### PROJECT EXPERIENCE

- **MT 81 Bridges Reconstruction (Design-Build);** MDT / Morrison-Maierle and Frontier West, Denton, MT – SUE Phase 1 and 2 data collection, Conflict Identification, Utility Coordination, Relocation and Reimbursement Management.
- **TH212 Sacred Heart (Design-Bid-Build);** MnDOT, Sacred Heart, MN – SUE Phase 1 and 2, 3-D QL B Data Acquisition, Multi-Channel Ground Penetrating Radar survey, 3-D Existing Utility Modeling, Utility Conflict Identification, Coordination, and Utility Relocation Notifications.
- **N. 7th Avenue and Griffin Drive Reconstruction (Design-Bid-Build);** MDT, Bozeman, MT – SUE Phase 1 and 2, Utility Coordination Support.
- **Deadwood Box Corridor Reconstruction Study (Design-Bid Build);** SDDOT, Deadwood, SD – SUE Phase 1, 3-D QL B data acquisition, Multi-Channel Ground Penetrating Radar survey, Utility Conflict Identification and Utility Coordination.
- **Billings Bypass (Design-Bid-Build / CMGC);** MDT, Billings, MT – SUE Phase 1 and 2, 3-D QL B Data Acquisition.

## MARK BENNER

### SUE FIELD OPERATIONS MANAGER/UTILITY DESIGNATOR

#### Utility Mapping Services, Inc.



## QUALIFICATIONS

Mr. Benner has been a UMS employee for over 16 years where he has successfully fulfilled various roles, which include field designating, engineering survey, field manager, estimator, and is currently working as the SUE Field Operations Manager. Mr. Benner's resume includes 15 years working in the private utility industry where he worked as a field technician for three separate communications and pipeline companies. His roles for these companies included asset management, maintenance, repair, and he regularly researched, reviewed, and collected utility field data using various geophysical locating equipment.

Mr. Benner's responsibilities as the UMS SUE Field Operations Manager include, but are not limited to the following:

- Quality Control of ongoing field work and Quality Assurance reviews of data collected through comparison against utility owner records and as-built information.
- Training new hire and veteran field technicians and engineering surveyors on equipment use, QA/QC, SUE process, and project documentation.
- Training field personnel on the CI/ASCE 38-02 standards, application and documentation to ensure compliance when performing field work.
- Standard Operating Procedure development, updates, staff training, and continuing education.
- Cross-training and coordination with field and office engineers, and project management.
- Client coordination and liaison in relation to field operations.
- UMS equipment management, testing and research relating to new and emerging equipment and technologies.
- Project estimating and field crew scheduling.

Mr. Benner has participated in and lead field efforts to successfully complete 2-D and 3-D SUE projects in rural, suburban, dense urban corridors, refineries, and substations across the country. He is well versed in acquiring and documenting existing utility data collection efforts which fully comply with CI/ASCE 38-02 Standards.

## EXPERIENCE

**SUE Field Operations Manager**  
Utility Mapping Services, Inc., St. Cloud, MN  
2005 - Present

**Field Technician**  
US Cable  
2004-2005

**Field Technician**  
Northern Pipeline  
2000-2004

**Field Technician**  
Charter Communications  
1990-2000

## EDUCATION / TRAINING

13 years of formal education,  
including 1-year Automotive Vo-Tech

OSHA HAZWOPER 24-hour  
certification

### Confined Space Training

**Railroad Site Access and Safety Training** for various railroad owners including - BNSF, Montana Rail-Link, Union Pacific, Trimet

**Refinery Site Access and Safety Training** - Exxon, CHS, Valero, LyondellBasell, Phillips 66, Kinder Morgan

## PROJECT EXAMPLES

- **I-5 Rose Quarter Reconstruction**
  - **Project Owner:** Oregon Department of Transportation; **Client:** HDR
    - **Client Contact:** Steve Drahota, P.E., 503-423-3712 office, [Steven.Drahota@hdrinc.com](mailto:Steven.Drahota@hdrinc.com)
  - **Location:** Portland Oregon; **Duration:** April 2020 - Present
  - **Project Description/Firm's Role:** SUE 2-D and 3-D QL B Designating of all utilities within the project corridor. Locating to support preliminary design efforts for reconstruction of I-5 between NE Lloyd Blvd. and I-405. SUE scope of work also included Time Domain Electromagnetic and Multi-Channel Ground Penetrating Radar surveys, down-hole LiDAR, 3-D QL B utility designating and 3-D Existing Utility Modeling compliant with ASCE 38-02
  - **Project Role:** Field Operations Manager, Field Designator, Engineering Survey, and 3-D QL B data acquisition.
  - **UMS Services Contract:** \$2,632,372; **Total Utilities Designated:** ~300,000+LF
- **I-494 Reconstruction**
  - **Project Owner/Client:** Minnesota Department of Transportation;
    - **Owner/Client Contact:** Amber Blanchard, P.E., 651-234-7770 office, [amber.blanchard@state.mn.us](mailto:amber.blanchard@state.mn.us)
  - **Location:** Bloomington/Richfield, MN; **Duration:** April 2018 - Present
  - **Project Description/Firm's Role:** SUE 2-D and 3-D QL B Designating of all utilities within the project corridor. Locating to support preliminary design efforts for reconstruction of I-494 from east of 34<sup>th</sup> Avenue South to Highway 169. SUE scope of work also included use of down-hole LiDAR, Multi-Channel Ground Penetrating Radar survey, and 3-D QL B utility Designating to facilitate future 3-D modeling efforts compliant with ASCE 38-02.
  - **Project Role:** Field Operations Manager, Field Designator, 3-D Engineering Survey.
  - **UMS Services Contract:** \$1,593,784; **Total Utilities Designated:** ~1,550,000LF
- **TH371 Nisswa to Jenkins, Highway Realignment/Reconstruction**
  - **Project Owner/Client:** Minnesota Department of Transportation
    - **Client Contact:** MnDOT District 3, 218.828.5700 office
  - **Location:** Nisswa to Jenkins, MN; **Duration:** January 2015 – August 2015
  - **Project Description/Firm's Role:** Completion of SUE 2-D QL B Designating of all utilities within project corridor, SUE Utility Locating to obtain 3-D QL A data, Utility Conflict Identification and Utility Coordination to support design efforts for full highway reconstruction and realignment of Trunk Highway 371 between Nisswa and Jenkins, MN. Data acquisition compliant with CI/ASCE 38-02.
  - **Project Role:** Field Ops Manager, Field Designator, Engineering Survey.
  - **UMS Services Contract:** \$191,381; **Total Utilities Designated:** ~386,047LF
- **I-229 Exit 6 Interchange Reconstruction and Interstate Realignment/Reconstruction**
  - **Project Owner:** South Dakota Department of Transportation; **Client:** HR Green
    - **Client Contact:** Ben White, P.E., LS, 605.221.2651 office, [bwhite@hrgreen.com](mailto:bwhite@hrgreen.com)
  - **Location:** Sioux Falls, SD; **Duration:** October 2020 – July 2021
  - **Project Description/Firm's Role:** Completion of SUE 2-D QL B Designating of all utilities within project corridor to support preliminary design efforts for full reconstruction of the Interchange at I-229 and E. 10<sup>th</sup> Street and re-alignment/reconstruction of I-229 south of E. 18<sup>th</sup> Street. Data acquisition compliant with CI/ASCE 38-02.
  - **Project Role:** Field Operations Manager, Field Designator, Engineering Survey
  - **UMS Services Contract Value:** \$245,000; **Total Utilities Designated:** ~230,400LF
- **Highway 212 Watertown Reconstruction**
  - **Project Owner/Client:** South Dakota Department of Transportation;
    - **Owner/Client Contact:** Clint Freeman, 605.773.4426 office, [Clint.Freeman@state.sd.us](mailto:Clint.Freeman@state.sd.us)
  - **Location:** Watertown, SD; **Duration:** June 2014 – May 2021
  - **Project Description/Firm's Role:** Completion of SUE 2-D QL B Designating of all utilities and Utility Locating within the Highway 212 project corridor to support preliminary design and utility coordination efforts. Project design included full reconstruction of Highway 212 from the intersection at Highway 81 to 19<sup>th</sup> Street SE. Data acquisition compliant with CI/ASCE 38-02
  - **Project Role:** Field Operations Manager, Field Designator, Engineering Survey
  - **UMS Services Contract Value:** \$90,200; **Total Utilities Designated:** ~51,400LF

## **Appendix B – Condux International Company Information and Gyroscopic Mapping Equipment Proposed**



### Company Introduction:

PRISUM Technologies is a division of Condux International Inc. Condux International is the premier manufacturer of underground and overhead cable installation tools and equipment for the telecom and electric power markets, with manufacturing/HQ located in Mankato, MN. PRISUM Technologies launched to provide innovative solutions for underground mapping. Prismus technologies primarily focus on accurately locate utility pipelines and securely manage your data, helping you to avoid unexpected damages, downtime and added expenses to the clients.

### Gyro Technology: Underground Mapping System

The mapping probe is a autonomous tool built with Gyroscopes, accelerometers, inclinometers and odometer to capture the movements of the tool in the pipeline and store the data on the unit.



*Figure 1: Underground Mapping System*

The mapping probe measures the angular rate of change of its core axis and records change in direction at a sample rate of 100hz frequency while traveling inside the duct.



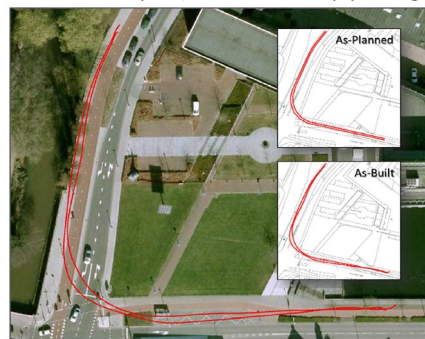
*Figure 2: Pipeline 3D Data Collection*

### Guaranteed Calibration Accuracy:

Following assembly, each tool is calibrated to achieve optimal accuracy using a proprietary calibration robot. The robot validates static positions and dynamic moves in an inclination range between -60° and +60° while rotating 360° around its X-axis and 360° around its Y-axis.

DR Systems (Fiber Optic Gyros) – over 5000' length

- 6" on XY (0.02%, as of % pipe length)
- 4" on Z -Depth (0.01%, as of % pipe length)



*Figure 3: Comparison of As-Planned Vs As-Built maps*

### Output Data Results

Raw data is uploaded to post process software to establish specific pipeline position based on accurately logged entry and exit coordinates. The software analyzes changes in X, Y and Z position. Data processing requires only minutes, allowing our trained field experts to map multiple pipeline segments per day.

The software provides powerful and accurate analytics, profiling, pipeline audit reports and as-built maps. Output file formats meet GIS standards: AutoCAD, xlsx, csv, xml, kml and bmp.

| Pipe length | Coordinates |              |           | Orientation |        | 3D and 2D Bend radii |     |     |
|-------------|-------------|--------------|-----------|-------------|--------|----------------------|-----|-----|
|             | Easting (X) | Northing (Y) | Depth (Z) | Azimuth     | Pitch  | XYZ                  | XY  | Z   |
| 0           | 35678.838   | 31845.640    | 101.274   |             |        |                      |     |     |
| 1           | 35677.985   | 31845.163    | 101.031   | 240.80      | -13.90 |                      |     |     |
| 2           | 35677.161   | 31844.669    | 100.775   | 239.00      | -14.90 |                      |     |     |
| 3           | 35676.337   | 31844.163    | 100.506   | 238.50      | -15.60 | 64                   | 81  | 95  |
| 4           | 35675.522   | 31843.660    | 100.231   | 238.30      | -16.00 | 127                  | 192 | 161 |
| 5           | 35674.704   | 31843.150    | 99.947    | 238.10      | -16.40 | 172                  | 192 | 197 |
| 6           | 35674.704   | 31843.150    | 99.671    | 237.80      | -16.10 | 108                  | 108 | 111 |

*Figure 4: Output results, GPS Coordinates, Azimuth & Pitch*

### Technology Benefits

- Ability to 3D Map any underground utility
- Can map any Pipeline Material (Plastic or metallic pipes)
- No Above Ground Tracing required during data collection process
- Autonomous tool with ability to map any depths
- Unaffected by neighboring utility electromagnetic noise
- High-frequency sampling data collection
- Open platform output



February 24, 2022

Village of McFarland  
5915 Milwaukee Street  
McFarland, WI 53558

Attention: Mr. Matthew Schuenke, Village Administrator

Subject: Proposal Evaluation; Sanitary Sewer Force Main/Locating; Village of  
McFarland

Ladies and Gentlemen:

The purpose of this letter is to analyze the proposal received for Sanitary Sewer Force Main/Locating effort. The project involves determining actual locations of sanitary sewer force mains at 4 of the Village's sewer pumping stations (the 5<sup>th</sup> was built in 2015 and was accurately located as it was being built).

Only one provider submitted a proposal, Utility Mapping Services, Inc., a specialty firm that operates throughout the United States on projects like this. It is not unusual for unique projects like this to only receive one or two proposals given the scope of work is uncommon.

The submitted proposal calls for locating the approximately 8,300 feet of force main at \$10.25/foot for an estimated total of  $8,300 \times \$10.25 = \$85,075$ . There are also some time-and-material added items that the Village could elect to use if desiring additional work. This estimated total is within the amount budgeted for the work in 2022.

We recommend proceeding with a contract with Utility Mapping Services, Inc. so that the work can begin this spring. It is desirable to coordinate their efforts at Lift Stations #4 and #1 (each has force main located on Terminal Drive) with the upcoming project on Terminal.

This will be a unit price contract. That is, the contractor will be paid for the work actually performed on the basis on the unit prices bid. This means that the final line item costs could be either greater than or less than the bid totals. Also, unexpected conditions are sometimes encountered which result in increased project costs. Therefore, it would be wise to continue to carry the recommended 10% contingency within the Village budget.

If you have any questions with respect to our thoughts on this matter, I am available at your convenience to discuss them with you.

Please feel free to contact us with any questions or comments regarding this review.

Very truly yours,  
TOWN & COUNTRY ENGINEERING, INC.



Brian R. Berquist, P.E.  
President

cc: Mr. Jim Hessling, Director of Public Works, Village of McFarland (*via email*)

BRB:brb

J:\JOB#S\McFarland\MC-00-00\Correspondence\2022\Forcemain Locating Recommendation letter.docx



**VILLAGE OF  
McFarland  
SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Public Works

**CONTACT:** Jim Hessling, Public Works Director

**AGENDA ITEM:** Discussion and action regarding the award of contract for storm sewer cleaning and televising services.

**PREVIOUS ACTION:**

The RFP for storm sewer cleaning and televising was discussed and approved at the Public Utilities Committee meeting of January 18, 2022 and was also approved for distribution at the Village Board meeting on January 24, 2022.

The Public Utilities Committees recommended the award of contract to Green Bay Pipe & TV, LLC for storm sewer cleaning and televising services at the cost of \$1.48 per lineal foot at their March 8, 2022 meeting.

**ISSUE SUMMARY:**

As part of our ongoing storm sewer maintenance responsibilities, the Department is proposing to start a Storm Sewer Line Cleaning and Televising program to help aid us in future maintenance activities. The cleaning and televising of the pipes will aid us in maintenance along with projecting future capital expenditures if something out of the ordinary is found. Essentially the pipes are cleaned to remove obstructions and then cameras used to check the condition of the pipes. Same action as is done for the sanitary pipes now proposed for storm.

RFP's for this work were sent to six vendors that perform this type of work. Three of the six vendors contacted submitted a proposal. The apparent low bidder, Green Bay Pipe & TV, LLC submitted a price of \$1.48 per foot for services. We currently have a contract with Green Bay Pipe & TV, LLC for the cleaning and televising of our sanitary sewer system. We are very satisfied with their work.

A comparison sheet is included for your reference.

**FINANCIAL/BUDGET IMPACT:**

Funding for this work was approved in the 2022 budget in the amount of \$47,500 which will allow for approximately 32,000 lineal feet of pipe cleaned and recorded within Year 1.

**VILLAGE PLAN REFERENCE:**

None.

**ORDINANCE REFERENCE:**



None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

*Motion, second to approve the proposal from Utility Mapping Services, Inc. of St. Cloud, MN in the amount up of \$10.25 per lineal foot not to exceed a total cost of \$100,000 for Forcemain locating services.*

**ATTACHMENTS:**

1. Storm Sewer Line Cleaning & Televising Proposal results
2. Green Bay Pipe & TV Proposal
3. Storm Sewer Line Cleaning and Televising RFP FINAL

|                      | Cleaning & Televising |         |         | Cleaning Only |         |         | Televising Only |         |         |
|----------------------|-----------------------|---------|---------|---------------|---------|---------|-----------------|---------|---------|
| Vendor               | 2022                  | 2023    | 2024    | 2022          | 2023    | 2024    | 2022            | 2023    | 2024    |
| Green Bay Pipe & TV  | \$ 1.48               | \$ 1.48 | \$ 1.48 | \$ 1.50       | \$ 1.50 | \$ 1.50 | \$ 1.25         | \$ 1.25 | \$ 1.25 |
| McCann's Underground | \$ 5.00               | \$ 5.75 | \$ 6.50 | \$ 3.25       | \$ 3.50 | \$ 4.00 | \$ 1.75         | \$ 2.00 | \$ 2.50 |
| The Expeditors Inc.  | \$ 3.24               | \$ 3.54 | \$ 3.85 | \$ 2.25       | \$ 2.40 | \$ 2.70 | \$ 0.99         | \$ 1.14 | \$ 1.15 |



February 18, 2022

Village of McFarland  
Attn: Jim Hessling  
5915 Milwaukee Street  
McFarland WI 53558

Green Bay Pipe & TV, LLC has been a leader in the sewer cleaning and televising industry for the past 24 years. We pride ourselves in the help we have provided to municipalities, engineering firms, and private parties throughout the state of Wisconsin and the Upper Peninsula of Michigan.

If we are the chosen firm, we look forward to working for and with you on this project.

Thank you,

  
Stephanie De Keyser  
President

1100 Columbia Ave., Green Bay, WI 54303  
Phone: 920-490-5501  
Fax: 920-490-6242  
[www.greenbaypipe.net](http://www.greenbaypipe.net)



## COST PROPOSAL FORM

The Village of McFarland invites your proposal to provide Storm Sewer Line Cleaning and Televising Services for the Village of McFarland Sewer System to be received until 10:00 a.m. on February 22, 2022 at the Village of McFarland Municipal Center, 5915 Milwaukee St, McFarland WI 53558.

In accordance with the attached instructions, terms, conditions, and Scope of Services we submit the following proposal to the Village of McFarland.

This shall include labor, materials, supervision, equipment, appliances, and materials to perform all operations required to do annual Storm Sewer Line Cleaning and/or Televising, as specified.

| <u>Description</u>                    | <u>Total Price</u> |
|---------------------------------------|--------------------|
| Cleaning and Televising cost per foot | 2022 \$ 1.48       |
|                                       | 2023 \$ 1.48       |
|                                       | 2024 \$ 1.48       |

| <u>Description</u>     | <u>Total Price</u> |
|------------------------|--------------------|
| Cleaning cost per foot | 2022 \$ 1.50       |
|                        | 2023 \$ 1.50       |
|                        | 2024 \$ 1.50       |

| <u>Description</u>       | <u>Total Price</u> |
|--------------------------|--------------------|
| Televising cost per foot | 2022 \$ 1.25       |
|                          | 2023 \$ 1.25       |
|                          | 2024 \$ 1.25       |

*I certify that the contents of this proposal are known to no one outside the firm, and to the best of my knowledge all requirements have been complied with.*

Authorized Signature Stephanie DeKeyser  
Printed Name Stephanie DeKeyser  
Title President  
Firm Name Green Bay Pipe & TV, LLC  
Date February 18, 2022



## **EMPLOYEE WORK EXPERIENCE**

Steven De Keyser - Owner/Vice-President

36 Years in the Sewer Construction Industry.

17 Years in the Sewer Cleaning & Televising Industry.

Stephanie De Keyser – Owner/President

27 Years in the Accounting Industry.

17 Years as Accountant.

Tim La Crosse

23 Year Experience-Foreman-TV Technician/Vactor in the Sewer Cleaning Industry.

Charlie De Bauche

24 Year Experience-Vactor Operator/General Laborer in the Sewer Cleaning Industry.

Mike Trepanier

29 Year Experience-General Laborer in the Construction Industry.

Tyler Derenne

9 Year Experience-Project Manager-TV Technician in the Sewer Cleaning Industry.

Dean Kittell

7 Year Experience-General Laborer-Construction Industry.

Tim Buss

3 Year Experience-General Laborer-Construction Industry.

Tom Olson

3 Year Experience-General Laborer-Construction Industry.

**ALL MEMBERS OF OUR FIELD STAFF ARE CONFINED  
SPACE ENTRY CERTIFIED**



## COMPANY CAPABILITIES

1. Sewer Cleaning
2. Sewer Televising
3. Lateral Televising
4. Mini Camera Televising
5. Spot Repair Lining
6. Manhole Rehabilitation
7. Mandrel
8. Root Cutting
9. Smoke Testing
10. Air Testing
11. Vacuum Testing

1100 Columbia Ave., Green Bay, WI 54303  
Phone: 920-490-5501  
Fax: 920-490-6242



## REFERENCES

1. City of West Allis  
Heath Brozovich  
414-302-8376
2. City of Hurley  
Gary  
715-862-0125
3. City of Appleton  
Chad Weyenberg  
920-832-5915
4. City of Manitowoc  
Jill Erickson  
920-686-6908
5. Village of Caledonia  
Bob Lui  
262-317-3383
6. Village of Howard  
Wade Smith  
920-434-4060



## Green Bay Pipe and TV, LLC 2021 Projects

Apple Tree Appleton Four  
840 Challenger Drive, Suite 150  
Green Bay WI 54311  
Shaunn Huick  
920-445-9016  
\$5625.00

Robert Immel-Village of Harrison  
N1870 Municipal Drive  
Greenville WI 54942  
Todd Immel  
920-585-2885  
\$1755.00

Adams County Landfill  
1420 Highway 21  
Friendship WI 53934  
Charlie Kuhn  
608-403-1549  
\$5572.00

Superior Sewer & Water-Hobart  
1801 Deer Trail  
Luxemburg WI 54217  
Chad Dörner  
920-621-3504  
\$1320.00

Wisconsin DOT-Black Creek  
944 Vanderperren Way  
Green Bay WI 54304  
Tim Rank  
920-360-2579  
\$943.00

Village of Bonduel  
PO Box 67  
Bonduel WI 54107  
Jesse Rankin  
715-758-8779  
\$5221.60

Taycheedah Sanitary District #3-Spot Repair  
W2695 Loehr Street  
Malone WI 53049  
John Rickert  
920-960-0345  
\$2150.00

Remington Ridge Way-Spot Repairs  
1717 Remington Ridge Way  
De Pere WI 54115  
Michael Albers  
920-784-6645  
\$2950.00

Maple Construction-Elm Grove  
PO Box 245  
Ringwood IL 60072  
Gary Brand  
815-790-7400  
\$2090.00

ALGWI, LLC  
2973 Harbor Blvd, Suite 580  
Costa Mesa CA 92626  
Tyler Bertrand  
920-  
\$1102.50

De Groot, Inc-Green Bay  
4201 Champion Road  
Green Bay WI 54311  
Marty Jensen  
920-621-1778  
\$225.00

Village of Fredonia  
PO Box 159  
Fredonia WI 53021  
Roger  
262-483-0275  
\$2516.75

New Holstein Utilities  
2110 Washington Street  
New Holstein WI 53061  
Ian DeMarre  
920-205-3085  
\$2345.05

Ferrellgas  
735 Weise Street  
Green Bay WI 54302  
Dave Peters  
920-579-1422  
\$1870.00

Michels-Suamico  
817 Main Street  
Brownsville WI 53006  
Kyle Great  
920-539-7078  
\$260.00

Robert Immel Excavating-Grand Chute  
N1870 Municipal Drive  
Greenville WI 54942  
Todd Immel  
920-757-5906  
\$1195.56

Village of Cleveland-Spot Repair  
1150 W Washington Avenue  
Cleveland WI 53015-0087  
Chris  
920-782-0249  
\$1915.60

Village of McFarland-Manhole Rehab  
5915 Milwaukee Street  
McFarland WI 53558  
Jim Hessling  
608-838-7287  
\$7393.00

Joski Sewer Services  
6295 Maribel Road  
Denmark WI 54208  
Mark Joski  
920-655-8954  
\$665.00

County Materials  
2448 Century Road  
Green Bay WI 54303  
Russ  
920-494-3436  
\$4,443.75

De Groot, Inc-Ashwaubenon  
4201 Champion Road  
Green Bay WI 54311  
Marty Jensen  
920-621-1778  
\$1667.72

Fitchburg Utility District No.1  
2373 S Fish Hatchery Road  
Fitchburg WI 53711  
Tracy Foss  
608-729-1730  
\$11,983.72

Nancy McGinnity  
2779 Summerset Circle  
Suamico WI 54173  
Tyler Bertrand  
\$2040.00

Village of McFarland-Spot Repairs  
5915 Milwaukee Street  
McFarland WI 53558  
Jim Hessling  
608-838-7287  
\$41,028.00



Village of McFarland-Clean & TV  
5915 Milwaukee Street  
McFarland WI 53558  
Jim Hessling  
608-838-7287  
\$72,519.30

De Groot, Inc.-City of Brillion  
4201 Champion Road  
Green Bay WI 54311  
Marty  
920-621-1778  
\$825.25

Mountain Bay Condo Association  
2547-M Telluride Trail  
Green Bay WI 54313  
Carol  
920-606-6705  
\$900.00

Village of Suamico  
12781 Velp Avenue  
Suamico WI 54313  
Joel VanLanen  
920-434-8410  
\$32,138.40

A&V Terrace  
1226 North Danz Avenue  
Green Bay WI 54302  
Mike  
920-713-4453  
\$1800.00

Harold Tauschek-Howard  
5875 Gauthier Road  
New Franken WI 54229  
Derek  
920-676-7300  
\$2,312.36

City of Mosinee  
225 Main Street  
Mosinee WI 54455  
Kevin Breit  
715-573-1756  
\$3880.00

Prestige Cabinets  
476 Packerland Drive  
Green Bay WI 54303  
Mike Mashl  
920-965-1919  
\$5066.25

City of Milton  
710 S Janesville Street  
Milton WI 53563  
Mark Langer  
608-868-6921  
\$8208.90

City of De Pere  
925 S 6<sup>th</sup> Street  
De Pere WI 54115  
Eric Rakers  
920-339-4072  
\$41,627.96

Robert Immel-Appleton  
N1870 Municipal Drive  
Greenville WI 54942  
Todd Immel  
920-585-2885  
\$1426.53

Village of Kimberly  
515 W Kimberly Avenue  
Kimberly WI 54136  
Allyn Dannhoff  
920-788-7507  
\$30,245.30

Hurley School District  
5503 W Rangeview Drive  
Hurley WI 54534  
Bill Treka  
\$1800.00

Taycheedah Sanitary District #1  
W4295 Kiekhaefer Pkwy  
Fond du Lac WI 54937  
Priscilla Yohann  
920-923-0406  
\$9701.66

Fond du Lac Sanitary District #3  
PO Box 1276  
Fond du Lac WI 54936  
Bob Giese  
920-979-2897  
\$6,200.78

Lawrence University  
235 East Water Street  
Appleton WI 54911  
Tony  
920-450-0520  
\$567.50

Town of Knight  
PO Box 40  
Iron Belt WI 54536  
Gary  
715-862-0125  
\$9,361.41

Kewaunee County Landfill  
E4280 CTH F  
Kewaunee WI 54216  
Bill @ Ayres  
920-327-7815  
\$3731.70

Taycheedah Sanitary District #3  
W2695 Loehr Street  
Malone WI 53049  
Brenda Schneider  
920-960-0345  
\$9793.30

Fond du Lac Sanitary District #2  
N7288 Winnebago Drive  
Fond du Lac WI 54935  
Tom Beltz  
\$4521.68

Fond du Lac Sanitary District #4  
PO Box 1276  
Fond du Lac WI 54936  
John Ransom  
920-907-5525  
\$5396.86

Jake's Excavating-Ironwood  
N10633 Lake Road  
Ironwood MI 49938  
Jake  
906-364-1429  
\$5884.89

City of Hurley  
405 Fifth Avenue North  
Hurley WI 54534  
Gary  
715-862-0125  
\$17,868.00

Village of Bowler  
107 West Main Street  
Bowler WI 54416  
Aaron Gutt  
715-584-5042  
\$4629.90

Village of Birnamwood  
362 Railroad Street  
Birnamwood WI 54414  
Chris Jensen  
715-219-4151  
\$8,204.58

Village of Caledonia  
333-41/2 Mile Road  
Racine WI 53402  
Bob Lui  
262-939-9570  
\$677.50

Village of Cleveland  
1150 W Washington Avenue  
Cleveland WI 53015  
Chris  
920-782-0249  
\$8,465.35

Robert Immel-Town of Clayton  
N1870 Municipal Drive  
Greenville WI 54942  
Todd Immel  
920-757-5906  
\$1,176.43

Fond du Lac Sanitary District #3-Grouting  
PO Box 1276  
Fond du Lac WI 54936  
Bob Giese  
920-979-2897  
\$1,000.00

Korff Plumbing-Sheboygan Falls  
W5471 Sumac Road  
Plymouth WI 53073  
Corey  
920-627-3620  
\$3,036.33

Village of Caroline  
W15281 County Road D  
Wittenberg WI 54499  
Dale/Aaron  
715-584-5042  
\$11,029.25

Village of Hatley  
PO Box 99  
Hatley WI 54440  
Brian  
715-446-2612  
\$6,759.60

Village of White Lake  
PO Box 8  
White Lake WI 54491  
Scott  
715-882-3411  
\$21,035.74

Village of Rosholt  
101 South Main Street  
Rosholt WI 54473  
Rich  
715-572-7567  
\$7,346.47

Korff Plumbing-Town of Sheboygan  
W5471 Sumac Road  
Plymouth WI 53073  
Corey  
920-627-3620  
\$598.50

Robert Immel-Harrison  
N1870 Municipal Drive  
Greenville WI 54942  
Todd Immel  
920-213-1102  
\$1,414.53

City of Rhinelander  
135 South Sevens Street  
Rhinelander WI 54501  
Tom Roeser  
715-437-0473  
\$2631.25

Toonen Properties-Sand Lake Apartments  
2830 Curry Court, Suite 4  
Green Bay WI 54311  
Brent Veaser  
920-619-8886  
\$450.00

AG Excavating-Grand Chute  
1336 Russett Court  
Green Bay WI 54313  
Al Goesen  
920-371-1885  
\$4340.00

Peters Concrete-Green Bay  
1516 Atkinson Drive  
Green Bay WI 54303  
Kevin Moore  
920-621-1739  
\$3431.25

Advance Construction-Two Rivers  
2141 Woodale Ave  
Green Bay WI 54313  
Shane  
920-606-5011  
\$6564.67

Village of Arpin  
6190 County Road N  
Arpin WI 54410  
Jack Esser  
715-897-3001  
\$3805.60

Village of Kronenwetter  
1582 Kronenwetter Drive  
Kronenwetter WI 54455  
Austin Frederickson  
715-693-4200  
\$14,401.30

De Groot, Inc.-Green Bay  
4201 Champion Road  
Green Bay WI 54311  
Marty Jensen  
920-621-1778  
\$8,718.75

Hormel Foods  
PO Box 8599  
St. Louis MO 63126

\$3600.00

Kohler Company  
444 Highland Drive  
Kohler WI 53044  
Jason Nall  
920-226-8046  
\$1125.00

Village of Auburndale  
5988 First Street  
Auburndale WI 54412  
John Spatz  
715-305-0833  
\$3842.52

Village of Howards Grove  
913 S Wisconsin Drive  
Howards Grove WI 53083  
Ryan Welsing  
920-234-0305  
\$2417.52

Aqualis Stormwater Management-Target  
2110 W Wright Road  
McHenry IL 60050  
Kerry Wilson  
815-909-5441  
\$1625.00

Peters Concrete-Sturgeon Bay  
1516 Atkinson Drive  
Green Bay WI 54303  
Kevin Moore  
920-621-1739  
\$487.50

Toonen Properties-The Shores  
2830 Curry Court-Suite 4  
Green Bay WI 54311  
Tim  
920-619-3245  
\$562.50

Port Washington  
100 W Grand Avenue  
Port Washington WI 53074  
Robert Vanden Noven  
262-268-4267  
\$6,699.91

Village of Caroline-Spot Repairs  
W15281 County Road D  
Wittenberg WI 54499  
Dale Klitz  
715-250-2326  
\$9,370.00

City of West Allis  
7525 W Greenfield Ave  
West Allis WI 53214  
Heath Brozovich  
414-302-8376  
\$80,990.67

City of Manitowoc  
900 Quay Street  
Manitowoc WI 54220  
Matt Smits  
920-374-0088  
\$14,278.93

Jason Campbell  
2075 Sandalwood Court  
Green Bay WI 54304  
Jason  
920-3690-8988  
\$562.50

Unity  
2366 Oak Ridge Circle  
De Pere WI 54115  
Jolene Bowers  
920-339-6712  
\$1202.46

Peters Concrete-Town of Scott  
1516 Atkinson Drive  
Green Bay WI 54303  
Kevin Moore  
920-621-1739  
\$506.25

Walworth County  
975 W Walworth Ave  
Delavan WI 53115  
Vincent Simek  
262-379-4789  
\$14,323.80

City of Elkhorn  
311 Seymour Street  
Elkhorn WI 53121  
Matt Lindstrom  
262-325-0274  
\$25,310.46

Village of Scandinavia-Repairs  
349 North Main Street  
Scandinavia WI 54977  
Renee Smith  
715-467-0036  
\$5100.00

Aqualis Stormwater-Walmart-Lake Geneva  
2510 Meridian Pkwy, Suite 350  
Durham NC 27713  
Forrest Hogshire  
919-612-0552  
\$1250.00

Bohners Lake Sanitary District  
PO Box 280  
Burlington WI 53105  
Harvey Kandler  
262-206-2761  
\$24,296.29

Village of Arpin-Repairs  
6190 County Road N  
Arpin WI 54410  
Jack Esser  
715-897-3001  
\$2,504.75

City of Whitewater-Spot Repairs  
312 W Whitewater Street  
Whitewater WI 53190  
Tavis Zahn  
262-458-2809  
\$12,874.00

City of Appleton  
100 N Appleton Street  
Appleton WI 54911  
Chad Weyenberg  
920-832-5915  
\$272,062.34

Village of Rosholt-Repairs  
101 South Main Street  
Rosholt WI 54473  
Rich  
715-572-7567  
\$14,800.00

University Heights  
2540 University Ave  
Green Bay WI 54302  
Brian  
920-857-3741  
\$250.00

Walworth County (Walcomet)  
975 W Walworth Avenue  
Delavan WI 53115  
Jared  
262-728-4141  
\$6959.48

Ledgeview Estates  
1963 Swan Road  
De Pere WI 54115  
Brian  
920-901-8675  
\$2,200.00

Woodside Lutheran Home  
1040 Pilgrim Way  
Green Bay WI 54304  
Ray  
920-660-7963  
\$960.00

Granite Company  
1130 S Taylor Street  
Green Bay WI 54304  
Chad  
920-499-9715  
\$1530.00



Fond du Lac Sanitary District #2-Spot Repairs  
N7288 Winnebago Drive  
Fond du Lac WI 54935  
Tom Belts  
\$7375.00

Village of Allouez  
1900 Libal Street  
Green Bay WI 54301  
Jeff Piette  
920-621-8736  
\$14,923.15

Village of Howard  
1336 Cornell Road  
Green Bay WI 54313  
Kyle Johnson  
920-434-4060  
\$14,089.14



## **Request For Proposals**

Storm Sewer Line Cleaning and Televising

RFP Issuance Date: January 25, 2022

RFP Due Date: February 22, 2020 10:00 a.m.

*Please Submit to:*

Village of McFarland  
Attn: Jim Hessling  
5915 Milwaukee Street, PO Box 110  
McFarland, WI 53558  
**STORM SEWER LINE CLEANING AND TELEVISIONING  
SERVICES FOR VILLAGE OF MCFARLAND**

## SCOPE OF SERVICES

This Scope of Services will become an integral part of the contract between the Village of McFarland and the Contractor. The Contractor hereby agrees to provide services and/or materials to the Village pursuant to the provisions set forth below.

1. **PURPOSE:** The purpose and intent of the Request for Proposals (RFP) is to solicit proposals from qualified Contractor(s) to provide personnel and equipment necessary for cleaning storm sewer lines and closed-circuit television inspection (CCTV) services under the direction of the Village of McFarland Public Works Director.
2. **BACKGROUND:** The Village desires a private contractor to perform these services to maintain a clean collection system, as well as to properly assess the condition of the collection system pipeline.
3. **VILLAGE OF MCFARLAND DESIGNATED REPRESENTATIVE:**  
Jim Hessling  
Public Works Director  
5115 Terminal Drive  
McFarland, WI 53558  
608-838-7287  
[jim.hessling@mcfarland.wi.us](mailto:jim.hessling@mcfarland.wi.us)
4. **WORK REQUIREMENTS:**
  - A. CLEANING – The Contractor will be given a list of line sections to be cleaned. It is the intent of this contract to satisfy Village collection system requirements; namely, the Contractor will clean at least one-third (1/3) of the Village collection system each year for three (3) consecutive years. It is estimated that the footage to be cleaned is approximately 30,800 feet. This includes sewer mains located in the street and easements. As a condition of the work, the Contractor will be required to use water to clean the footages specified. Bulk water purchases are the responsibility of the contractor.
  - B. TELEVISING - The Contractor will be given a list of line sections to be televised. It is the intent of this contract to satisfy Village collection system requirements; namely, the Contractor will televise at least one-third (1/3) of the Village collection system each year for three (3) consecutive years. It is estimated that the footage to be cleaned is approximately 30,800 feet. This includes sewer mains located in the street and easements. Should deficiencies in the pipeline or in the area of a manhole structure be noted during operations; additional photographic evidence will be required of the deficiencies to alert the Village of possible repair needs. The Contractor

shall provide an electronic copy of the television inspection report upon completion of the work.

C. GENERAL REQUIREMENTS

- i. A copy of the collection system map will be given to the contractor at the onset of the contract, to assist in this endeavor.
- ii. During the course of the contact, additional infrastructure may be incorporated into the collection system from new development, or other such causes. The village has a right to require the contractor to perform additional cleaning and inspection work at the price per foot quoted by the contractor.
- iii. It is understood that this will take multiple weeks, or months, to clean the specified section of the system. Once operations commence, updates will be required by the Village as part of their notification process to residents and businesses. It is also understood that more frequent updates should be given, if the Village or the Contractor feels there is need. Final cleanings shall be completed by December 1<sup>st</sup> of the contract year, to give Village staff adequate time to review the deliverable and decide if the contract will be renewed.

5. **SCHEDULES/TIMELINES:** The initial term of the contract is from May 2, 2022 through December 31, 2022; with the option to renew by the Village for two (2) successive one (1) year periods, under the same terms and conditions. Any renewal shall be based on satisfactory performance by the Contractor during the previous year.

## **QUALIFICATIONS AND SUBMISSION REQUIREMENTS**

The Proposal must include all of the information set forth in this Section and other Sections of this RFP and should be organized and tabbed appropriately. Including but not limited to the following:

- Company history and background.
- Qualifications of the Contractor.
- Relevant past project experience of the Contractor.
- Availability of resources and reliance on subcontractors.
- No fewer than three municipal references.

All reports are required to be submitted in an electronic format. The following information will be required on the report.

- Manhole number to and from
- Any manhole issues
- Pipe size
- Date and time cleaned
- Any noted problems in this section of pipe

## **TERMS AND CONDITIONS**

Each proposal will be reviewed to determine if it meets the requirements contained within this RFP. Failure to meet the requirements for the RFP may be cause for rejection. The Village may reject any proposal if it is conditional, incomplete, contains irregularities, or if in the sole discretion of the Village not considered in the Village's best interest. The Village may waive an immaterial deviation in a proposal, but this shall in no way modify the proposal document or excuse the Architect from compliance with the contract requirements if the Architect is awarded a contract.

The Village will require the use of its standard contract template. Modifications to this standard may be required or considered subject to review and approval by the Village Attorney under the direction of the Village Board.

There is no expressed or implied obligation for the Village to reimburse firms for any expenses incurred in preparing proposals in response to this request. Materials submitted by respondents are subject to public inspection under Wisconsin law. Any language purporting to render the proposal, or any part thereof, confidential or proprietary will be ineffective and will be disregarded unless consistent with the Wisconsin Public Records Law.

The Village reserves the right to retain all proposals submitted, and to use any idea in a proposal, regardless of whether the proposal was selected. Submission of a proposal indicates acceptance by the Contractor of the terms and conditions contained in the RFP, unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the Village and the Contractor.

All property rights, including ownership and publication rights of all conceptual plans, designs, bidding documents, and reports produced by the selected Contractor in connection with services performed under this agreement shall be vested in the Village.

The Village reserves the right to reject any or all proposals submitted. Furthermore, the Village reserves the right to award to multiple Contractors or to a single Contractor deemed to be fully qualified and best suited among those submitting proposals.



## COST PROPOSAL FORM

The Village of McFarland invites your proposal to provide Storm Sewer Line Cleaning and Televising Services for the Village of McFarland Sewer System to be received until 10:00 a.m. on February 22, 2022 at the Village of McFarland Municipal Center, 5915 Milwaukee St, McFarland WI 53558.

In accordance with the attached instructions, terms, conditions, and Scope of Services we submit the following proposal to the Village of McFarland.

This shall include labor, materials, supervision, equipment, appliances, and materials to perform all operations required to do annual Storm Sewer Line Cleaning and/or Televising, as specified.

| <u>Description</u>                    | <u>Total Price</u> |
|---------------------------------------|--------------------|
| Cleaning and Televising cost per foot | 2022 \$            |
|                                       | 2023 \$            |
|                                       | 2024 \$            |

| <u>Description</u>     | <u>Total Price</u> |
|------------------------|--------------------|
| Cleaning cost per foot | 2022 \$            |
|                        | 2023 \$            |
|                        | 2024 \$            |

| <u>Description</u>       | <u>Total Price</u> |
|--------------------------|--------------------|
| Televising cost per foot | 2022 \$            |
|                          | 2023 \$            |
|                          | 2024 \$            |

*I certify that the contents of this proposal are known to no one outside the firm, and to the best of my knowledge all requirements have been complied with.*

Authorized Signature\_\_\_\_\_

Printed Name\_\_\_\_\_

Title\_\_\_\_\_

Firm Name\_\_\_\_\_

Date\_\_\_\_\_



**VILLAGE OF  
McFarland  
SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Public Works

**CONTACT:** Jim Hessling, Public Works Director

**AGENDA ITEM:** Discussion and action regarding the MS4 permit and plan.

**PREVIOUS ACTION:**

The Public Utilities Committee recommended approval to the Village Board regarding the MS4 permit and plan at their March 8, 2022 meeting.

**ISSUE SUMMARY:**

Attached is the 2021 DRAFT annual report for our Municipal Separate Storm Sewer System, otherwise known as an MS4 Permit. As part of the report, our Adaptive Management to Achieve TMDL Compliance and the village's stormwater system map are included. This report is a DNR mandate that we have been submitting for several years now. The permit governs storm water management practices in the Village and allows our discharge to area waterways. The Village remains compliant with these measures. The report is prepared by the village engineer, village staff and the staff of MAMSWaP and is presented for approval.

Once the report is voted on and passed by both the Public Utilities Committee and the Village Board, it will then be electronically submitted to the DNR. The report needs to be completed and submitted by March 31, 2022.

**FINANCIAL/BUDGET IMPACT:**

None.

**VILLAGE PLAN REFERENCE:**

None.

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

Motion, second regarding the MS4 permit and plan.

**ATTACHMENTS:**

1. Draft Annual Stormwater Report FYE 2021 to WI DNR
2. Adaptive Mgt Stormwater FYE 2021



3. Village stormwater map

# Submittal of Annual Reports and Other Compliance Documents for Municipal Separate Storm Sewer System (MS4) Permits

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. After 120 days your draft is **deleted**.

Form 3400-224(R8/2021)

## Reporting Information :

Will you be completing the Annual Report or other submittal type? ☒ Annual Report ☐ Other

**Project Name:** 2021 Annual Report

**County:** Dane

**Municipality:** McFarland Village

**Permit Number:** S058416

**Facility Number:** 30905

**Reporting Year:** 2021

Is this submittal also satisfying an Urban Nonpoint Source Grant funded deliverable? ☐ Yes ☒ No

## Required Attachments and Supplemental Information

Please complete the contents of each tab to submit your MS4 permit compliance document. The information included in this checklist is necessary for a complete submittal. A complete and detailed submittal will help us review about your MS4 permit document. To help us make a decision in the shortest amount of time possible, the following information must be submitted:

### Annual Report

- Review related web site and instructions for [Municipal storm water permit eReporting](#) [Exit Form]
- Complete all required fields on the annual report form and upload required attachments
- Attach the following other supporting documents as appropriate using the attachments tab above
  - Public Education and Outreach Annual Report Summary
  - Public Involvement and Participation Annual Report Summary
  - Illicit Discharge Detection and Elimination Annual Report Summary
  - Construction Site Pollution Control Annual Report Summary
  - Post-Construction Storm Water Management Annual Report Summary
  - Pollution Prevention Annual Report Summary
    - Leaf and Yard Waste Management
    - Municipal Facility (BMP) Inspection Report
    - Municipal Property SWPPP
    - Municipally Property Inspection Report
    - Winter Road Maintenance
  - Storm Sewer Map Annual Report Attachment
  - Storm Water Quality Management Annual Report Attachment
  - TMDL Attachment
  - Storm Water Consortium/Group Report

- Municipal Cooperation Attachment
- Other Annual Report Attachment
- Attach the following permit compliance documents as appropriate using the attachments tab above
  - Storm Water Management Program
    - Public Education and Outreach Program
    - Public Involvement and Participation Program
    - Illicit Discharge Detection and Elimination Program
    - Construction Site Pollutant Control Program
    - Post-Construction Storm Water Management Program
    - Pollution Prevention Program
      - Municipal Storm Water Management Facility (BMP) Inventory
      - Municipal Storm Water Management Facility (BMP) Inspection and Maintenance Plan
  - Total Maximum Daily Load documents (*\*If applicable, see permit for due dates.*)
    - TMDL Mapping\*
    - TMDL Modeling\*
    - TMDL Implementation Plan\*
    - Fecal Coliform Screening Parameter \*
    - Fecal Coliform Inventory and Map (*S050075-03 general permittees Appendix B B.5.2 – document due to the department by March 31, 2022*)
    - Fecal Coliform Source Elimination Plan (*S050075-03 general permittees Appendix B - document due to the department by October 31, 2023*)
- Sign and Submit form

**Municipal Contact Information- Complete**

**Notice:** Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (Department) by March 31 of each year to report on activities for the previous calendar year ("reporting year"). This form is being provided by the Department for the user's convenience for reporting on activities undertaken in each reporting year of the permit term. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

**Note:** Compliance items must be submitted using the Attachments tab.

**Municipality Information**

**Name of Municipality** McFarland Village

**Facility ID # or (FIN):** 30905

**Updated Information:** ☒ Check to update mailing address information

**Mailing Address:** 5915 Milwaukee St

**Mailing Address 2:** P.O. Box 110

**City:** McFarland

**State:** Wisconsin

**Zip Code:** 53558-0110 xxxxx or xxxxx-xxxx

**Primary Municipal Contact Person (Authorized Representative for MS4 Permit)**

The "Authorized Representative" or "Authorized Municipal Contact" includes the municipal official that was charged with compliance and oversight of the permit conditions, and has signature authority for submitting permit documents to the Department (i.e., Mayor, Municipal Administrator, Director of Public Works, City Engineer).

☐ Select to **create new** primary contact

**First Name:** Jim

**Last Name:** Hessling

☒ Select to **update** current contact information

**Title:** DPW

**Mailing Address:** 5915 Milwaukee St

**Mailing Address 2:** P.O. Box 110

**City:** McFarland

**State:** WI

**Zip Code:** 53558-0110 xxxxx or xxxxx-xxxx

**Phone Number:** 608-838-7287 Ext: xxx-xxx-xxxx

**Email:** jim.hessling@mcfarland.wi.us

**Additional Contacts Information (Optional)**

☐ I&E Program



**Individual with responsibility for:  
(Check all that apply)**

- ☐ IDDE Program
- ☐ IDDE Response Procedure Manual
- ☐ Municipal-wide Water Quality Plan
- ☐ Ordinances
- ☐ Pollution Prevention Program
- ☐ Post-Construction Program
- ☐ Winter roadway maintenance

**First Name:**

**Last Name:**

**Title:**

**Mailing Address:**

**Mailing Address 2:**

**City:**

**State:**

**Zip Code:**

XXXXX or XXXXX-XXXX

**Phone Number:**

Ext:

XXX-XXX-XXXX

**Email:**

1. Does the municipality rely on another entity to satisfy some of the permit requirements?

☒ Yes ☐ No

☒ Public Education and Outreach MAMSWaP

☒ Public Involvement and Participation MAMSWaP

☐ Illicit Discharge Detection and Elimination

☐ Construction Site Pollutant Control

☐ Post-Construction Storm Water Management

☐ Pollution Prevention

2. Has there been any changes to the municipality's participation in group efforts towards permit compliances (i.e., the municipality has added or dropped consortium membership)?

☐ Yes ☒ No

**Missing Information**

**Note:** For the minimum control measures, you must fill out all questions in sections 1 through 7.

Form 3400-224 (R8/2021)

## Minimum Control Measures- Section 1 : Complete

### 1. Public Education and Outreach

a. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Delivery Mechanism that best describes how the topics were conveyed to your population. Use the Add Event to add additional entries.

| <b>Event Start Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2/1/2021                                                                                                                                                                                                                                                                                                                                        |                                     |                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------|
| <b>Project/Event Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Adopt a Storm Drain Pilot Program                                                                                                                                                                                                                                                                                                               |                                     |                                                               |
| <b>Delivery Mechanism</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Website * Active                                                                                                                                                                                                                                                                                                                                |                                     |                                                               |
| Topics Covered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Target Audience                                                                                                                                                                                                                                                                                                                                 | Estimated People Reached (Optional) | Regional Effort (Optional)                                    |
| <input checked="" type="checkbox"/> Illicit discharge detection and elimination<br><input type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing<br><input checked="" type="checkbox"/> Yard waste management/pesticide and fertilizer application<br><input type="checkbox"/> Stream and shoreline management<br><input type="checkbox"/> Residential infiltration<br><input type="checkbox"/> Construction sites and post-construction storm water management<br><input checked="" type="checkbox"/> Pollution prevention<br><input type="checkbox"/> Green infrastructure/low impact development<br><input type="checkbox"/> Other:<br> | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents<br><input type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other | 11-50                               | <input checked="" type="radio"/> Yes <input type="radio"/> No |

| <b>Event Start Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1/1/2021                                                                                                                                                                                                                                                                                                                                        |                                     |                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------|
| <b>Project/Event Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Plant Dane                                                                                                                                                                                                                                                                                                                                      |                                     |                                                               |
| <b>Delivery Mechanism</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Workshop* * Active                                                                                                                                                                                                                                                                                                                              |                                     |                                                               |
| Topics Covered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Target Audience                                                                                                                                                                                                                                                                                                                                 | Estimated People Reached (Optional) | Regional Effort (Optional)                                    |
| <input type="checkbox"/> Illicit discharge detection and elimination<br><input type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing<br><input checked="" type="checkbox"/> Yard waste management/pesticide and fertilizer application<br><input type="checkbox"/> Stream and shoreline management<br><input checked="" type="checkbox"/> Residential infiltration<br><input type="checkbox"/> Construction sites and post-construction storm water management<br><input checked="" type="checkbox"/> Pollution prevention<br><input checked="" type="checkbox"/> Green infrastructure/low impact development<br><input checked="" type="checkbox"/> Other:<br>Advertised via MAMSWaP newsletter | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents<br><input type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other | 51-100                              | <input checked="" type="radio"/> Yes <input type="radio"/> No |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------|
| <b>Event Start Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10/23/2022                                                                                                                                                                                                                                                                                                                                      |                                            |                                                               |
| <b>Project/Event Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Clean Sweep Local Collection Event                                                                                                                                                                                                                                                                                                              |                                            |                                                               |
| <b>Delivery Mechanism</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Website *Active                                                                                                                                                                                                                                                                                                                                 |                                            |                                                               |
| <b>Topics Covered</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Target Audience</b>                                                                                                                                                                                                                                                                                                                          | <b>Estimated People Reached (Optional)</b> | <b>Regional Effort (Optional)</b>                             |
| <input type="checkbox"/> Illicit discharge detection and elimination<br><input checked="" type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing<br><input type="checkbox"/> Yard waste management/pesticide and fertilizer application<br><input type="checkbox"/> Stream and shoreline management<br><input type="checkbox"/> Residential infiltration<br><input type="checkbox"/> Construction sites and post-construction storm water management<br><input type="checkbox"/> Pollution prevention<br><input type="checkbox"/> Green infrastructure/low impact development<br><input checked="" type="checkbox"/> Other:<br>We advertised this for Fitchburg's event | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents<br><input type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other | Select...                                  | <input checked="" type="radio"/> Yes <input type="radio"/> No |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                             |                                            |                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------|
| <b>Event Start Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1/1/2021                                                                                                                                                                                                                                                                                                                                                                                    |                                            |                                                               |
| <b>Project/Event Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Website                                                                                                                                                                                                                                                                                                                                                                                     |                                            |                                                               |
| <b>Delivery Mechanism</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Website *Active                                                                                                                                                                                                                                                                                                                                                                             |                                            |                                                               |
| <b>Topics Covered</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Target Audience</b>                                                                                                                                                                                                                                                                                                                                                                      | <b>Estimated People Reached (Optional)</b> | <b>Regional Effort (Optional)</b>                             |
| <input type="checkbox"/> Illicit discharge detection and elimination<br><input checked="" type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing<br><input checked="" type="checkbox"/> Yard waste management/pesticide and fertilizer application<br><input type="checkbox"/> Stream and shoreline management<br><input type="checkbox"/> Residential infiltration<br><input checked="" type="checkbox"/> Construction sites and post-construction storm water management<br><input checked="" type="checkbox"/> Pollution prevention<br><input type="checkbox"/> Green infrastructure/low impact development<br><input type="checkbox"/> Other: | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents<br><input checked="" type="checkbox"/> Businesses<br><input checked="" type="checkbox"/> Contractors<br><input checked="" type="checkbox"/> Developers<br><input checked="" type="checkbox"/> Industries<br><input type="checkbox"/> Other | Select...                                  | <input type="radio"/> Yes <input checked="" type="radio"/> No |

|                                                                                                                                                                                     |                                                                                                                                                  |                                            |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------|
| <b>Event Start Date</b>                                                                                                                                                             | 1/1/2021                                                                                                                                         |                                            |                                                    |
| <b>Project/Event Name</b>                                                                                                                                                           | Tri-fold and other brochures/information                                                                                                         |                                            |                                                    |
| <b>Delivery Mechanism</b>                                                                                                                                                           | Passive print media *Active                                                                                                                      |                                            |                                                    |
| <b>Topics Covered</b>                                                                                                                                                               | <b>Target Audience</b>                                                                                                                           | <b>Estimated People Reached (Optional)</b> | <b>Regional Effort (Optional)</b>                  |
| <input type="checkbox"/> Illicit discharge detection and elimination<br><input checked="" type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents | Select...                                  | <input type="radio"/> Yes <input type="radio"/> No |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                             |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <input type="checkbox"/> Yard waste management/pesticide and fertilizer application<br><input type="checkbox"/> Stream and shoreline management<br><input checked="" type="checkbox"/> Residential infiltration<br><input type="checkbox"/> Construction sites and post-construction storm water management<br><input checked="" type="checkbox"/> Pollution prevention<br><input type="checkbox"/> Green infrastructure/low impact development<br><input type="checkbox"/> Other:<br><input type="text"/> | <input type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

| <b>Event Start Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11/18/2021                                                                                                                                                                                                                                                                                                                                      |                                     |                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------|
| <b>Project/Event Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Adopt a Drain                                                                                                                                                                                                                                                                                                                                   |                                     |                                                    |
| <b>Delivery Mechanism</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Website *Active                                                                                                                                                                                                                                                                                                                                 |                                     |                                                    |
| Topics Covered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Target Audience                                                                                                                                                                                                                                                                                                                                 | Estimated People Reached (Optional) | Regional Effort (Optional)                         |
| <input type="checkbox"/> Illicit discharge detection and elimination<br><input type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing<br><input type="checkbox"/> Yard waste management/pesticide and fertilizer application<br><input type="checkbox"/> Stream and shoreline management<br><input type="checkbox"/> Residential infiltration<br><input type="checkbox"/> Construction sites and post-construction storm water management<br><input checked="" type="checkbox"/> Pollution prevention<br><input type="checkbox"/> Green infrastructure/low impact development<br><input type="checkbox"/> Other:<br><input type="text"/> | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents<br><input type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other | Select...                           | <input type="radio"/> Yes <input type="radio"/> No |

| <b>Event Start Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9/23/2021                                                                                                                                                                                                                                                                                                                                       |                                     |                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------|
| <b>Project/Event Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Leaf Free Streets (street sign campaign)                                                                                                                                                                                                                                                                                                        |                                     |                                                    |
| <b>Delivery Mechanism</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Signage *Active                                                                                                                                                                                                                                                                                                                                 |                                     |                                                    |
| Topics Covered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Target Audience                                                                                                                                                                                                                                                                                                                                 | Estimated People Reached (Optional) | Regional Effort (Optional)                         |
| <input type="checkbox"/> Illicit discharge detection and elimination<br><input type="checkbox"/> Household hazardous waste disposal/pet waste management/vehicle washing<br><input type="checkbox"/> Yard waste management/pesticide and fertilizer application<br><input type="checkbox"/> Stream and shoreline management<br><input type="checkbox"/> Residential infiltration<br><input type="checkbox"/> Construction sites and post-construction storm water management<br><input checked="" type="checkbox"/> Pollution prevention<br><input type="checkbox"/> Green infrastructure/low impact development<br><input type="checkbox"/> Other:<br><input type="text"/> | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents<br><input type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other | Select...                           | <input type="radio"/> Yes <input type="radio"/> No |

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|  |  |  |  |
|--|--|--|--|

**b. Brief explanation on Public Education and Outreach reporting.** *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Various articles regarding above topics are included in newsletters to all Village residents and posted on website and Village social media. Village Engineer provides feedback to individual developers and contractors.

**Missing Information**

Do not close your work until you **SAVE**.

**Note:** For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

**Minimum Control Measures - Section 2 : Complete**

**2. Public Involvement and Participation**

**a. Permit Activities.** Complete the following information on Public Involvement and Participation Activities related to storm water. Select the Delivery Mechanism that best describes how the permit activities were conveyed to your population. Use the Add Event to add additional entries.

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                 |                                            |                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------|
| <b>Event Start Date</b>                                                                                                                                                                                                                            | 3/22/2021                                                                                                                                                                                                                                                                                                                                       |                                            |                                                               |
| <b>Project/Event Name</b>                                                                                                                                                                                                                          | Presentation of the MS4 Annual Report                                                                                                                                                                                                                                                                                                           |                                            |                                                               |
| <b>Delivery Mechanism</b>                                                                                                                                                                                                                          | Government Event (Public Hearing, Council Meeting, etc)                                                                                                                                                                                                                                                                                         |                                            |                                                               |
| <b>Topics Covered</b>                                                                                                                                                                                                                              | <b>Target Audience</b>                                                                                                                                                                                                                                                                                                                          | <b>Estimated People Reached (Optional)</b> | <b>Regional Effort (Optional)</b>                             |
| <input checked="" type="checkbox"/> MS4 Annual Report<br><input checked="" type="checkbox"/> Storm Water Management Program<br><input checked="" type="checkbox"/> Storm Water related ordinance<br><input type="checkbox"/> Other:<br><div></div> | <input checked="" type="checkbox"/> General Public <input type="checkbox"/><br>Public Employees<br><input checked="" type="checkbox"/> Residents<br><input type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other | Select...                                  | <input type="radio"/> Yes <input checked="" type="radio"/> No |

**b. Volunteer Activities.** Complete the following information on Public Involvement and Participation Activities related to storm water. Select the Delivery Mechanism that best describes how volunteer activities were conveyed to your population. Use the Add Event to add additional entries.

|                           |                                                                |                                            |                                   |
|---------------------------|----------------------------------------------------------------|--------------------------------------------|-----------------------------------|
| <b>Event Start Date</b>   | 10/23/2021 <input type="checkbox"/> NA (Individual Permittee). |                                            |                                   |
| <b>Project/Event Name</b> | Clean Sweep Local Collection Event                             |                                            |                                   |
| <b>Delivery Mechanism</b> | Clean up event                                                 |                                            |                                   |
| <b>Topics Covered</b>     | <b>Target Audience</b>                                         | <b>Estimated People Reached (Optional)</b> | <b>Regional Effort (Optional)</b> |
|                           |                                                                |                                            |                                   |

|                       |                                                                                                                                                                                                                                                                                                                                                            |           |                                                               |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------|
| Volunteer Opportunity | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents<br><input checked="" type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other | Select... | <input checked="" type="radio"/> Yes <input type="radio"/> No |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------|

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| Event Start Date   | 4/24/2021 <input type="checkbox"/> NA (Individual Permittee). |
| Project/Event Name | 2021 McFarland Community Service Day                          |
| Delivery Mechanism | Clean up event                                                |

| Topics Covered        | Target Audience                                                                                                                                                                                                                                                                                                                                            | Estimated People Reached (Optional) | Regional Effort (Optional)                         |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------|
| Volunteer Opportunity | <input checked="" type="checkbox"/> General Public<br><input type="checkbox"/> Public Employees<br><input checked="" type="checkbox"/> Residents<br><input checked="" type="checkbox"/> Businesses<br><input type="checkbox"/> Contractors<br><input type="checkbox"/> Developers<br><input type="checkbox"/> Industries<br><input type="checkbox"/> Other | 11-50                               | <input type="radio"/> Yes <input type="radio"/> No |

c. Brief explanation on Public Involvement and Participation reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Stormwater Management Plan, Ordinances, and MS4 Annual Report were presented to the public at a Village Board meeting. The Village used its resources to advertise Fitchburg's Clean Sweep event coordinated through MAMSWaP membership

### Missing Information

Do not close your work until you **SAVE**.

**Note:** For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 3 : Complete

### 3. Illicit Discharge Detection and Elimination

- a. How many total outfalls does the municipality have?  ☐ Unsure
- b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program?  ☐ Unsure



- c. From the municipality's routine screening, how many were confirmed illicit discharges?  ☐ Unsure
- d. How many illicit discharge complaints did the municipality receive?  ☐ Unsure
- e. From the complaints received, how many were confirmed illicit discharges?  ☐ Unsure
- f. How many of the identified illicit discharges did the municipality eliminate in the reporting year (from both routine screening and complaints)?  ☐ Unsure

(If the sum of 3.c. and 3.e. does not equal 3.f., please explain below.)

- g. How many of the following enforcement mechanisms did the municipality use to enforce its illicit discharge ordinance? Check all that apply and enter the number of each used in the reporting year. ☐ Unsure

- ☒ Verbal Warning
- ☒ Written Warning (including email)
- ☒ Notice of Violation
- ☒ Civil Penalty/ Citation

Additional Information: \_\_\_\_\_

- h. Brief explanation on Illicit Discharge Detection and Elimination reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

## Missing Information

**Do not close** your work until you **SAVE**.

**Note:** For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 4 : Complete

### 4. Construction Site Pollutant Control

- a. How many total construction sites with one acre or more of land disturbing construction activity were active at any point in the reporting year?  ☐ Unsure
- b. How many construction sites with one acre or more of land disturbing construction activity did the municipality issue permits for in the reporting year?  ☐ Unsure
- c. How many erosion control inspections did the municipality complete in the reporting year (at sites with one acre or more of land disturbing construction activity)?  ☐ Unsure
- d. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that ☐ Unsure

apply and enter the number of each used in the reporting year.

|                                                                       |    |
|-----------------------------------------------------------------------|----|
| <input type="checkbox"/> No Authority                                 |    |
| <input checked="" type="checkbox"/> Verbal Warning                    | 10 |
| <input checked="" type="checkbox"/> Written Warning (including email) | 3  |
| <input checked="" type="checkbox"/> Notice of Violation               | 0  |
| <input checked="" type="checkbox"/> Civil Penalty/ Citation           | 0  |
| <input checked="" type="checkbox"/> Stop Work Order                   | 0  |
| <input checked="" type="checkbox"/> Forfeiture of Deposit             | 0  |
| <input type="checkbox"/> Other - Describe below                       |    |

- e. Brief explanation on Construction Site Pollutant Control reporting . *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

## Missing Information

Do not close your work until you **SAVE**.

**Note:** For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 5 : Complete

### 5. Post-Construction Storm Water Management

- a. How many sites with new structural storm water management facilities\* have received local approval ?  ☐ Unsure  
\*Engineered and constructed systems that are designed to provide storm water quality control such as wet detention ponds, constructed wetlands, infiltration basins, grassed swales, permeable pavement, catch basin sumps, etc.
- b. Does the permittee have procedures for inspecting and maintaining private storm water facilities? ☒ Yes ☐ No ☐ Unsure
- c. If Yes, how many privately owned storm water management facilities were inspected in the reporting year ?  ☐ Unsure  
Inspections completed by private landowners should be included in the reported number.
- d. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year. ☐ Unsure
- |                                                                       |   |
|-----------------------------------------------------------------------|---|
| <input type="checkbox"/> No Authority                                 |   |
| <input checked="" type="checkbox"/> Verbal Warning                    | 0 |
| <input checked="" type="checkbox"/> Written Warning (including email) | 0 |
| <input checked="" type="checkbox"/> Notice of Violation               | 0 |

|                                                             |   |
|-------------------------------------------------------------|---|
| <input checked="" type="checkbox"/> Civil Penalty/ Citation | 0 |
| <input checked="" type="checkbox"/> Forfeiture of Deposit   | 0 |
| <input checked="" type="checkbox"/> Complete Maintenance    | 0 |
| <input checked="" type="checkbox"/> Bill Responsible Party  | 0 |
| <input type="checkbox"/> Other - Describe below             |   |

- e. Brief explanation on Post-Construction Storm Water Management reporting. *If marked 'Unsure' on any questions above, justify your reasoning. Limit your response to 250 characters and/or attach supplemental information on the attachments page.*

## Missing Information

Do not close your work until you **SAVE**.

**Note:** For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 6 : Complete

### 6. Pollution Prevention

Storm Water Management Facility Inspections ☐ Not Applicable

- a. Enter the total number of municipally owned or operated structural storm water management facilities?  ☐ Unsure
- b. How many new municipally owned storm water management facilities were installed in the reporting year?  ☐ Unsure
- c. How many municipally owned storm water management facilities were inspected in the reporting year?  ☐ Unsure
- d. What elements are looked at during inspections (250 character limit)?

Sediment depth, Sump, cracks in structures, signs of sheening, ruts and rills, overgrown vegetation & brush and sediment issues.

- e. How many of these facilities required maintenance?  ☐ Unsure
- f. Brief explanation on Storm Water Management Facility inspection reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Public Works Yards & Other Municipally Owned Properties (SWPPP Plan Review) ☐ Not Applicable

- g. How many municipal properties require a SWPPP?  ☐ Unsure

h. How many inspections of municipal properties have been conducted in the reporting year?  ☐ Unsure

i. Have amendments to the SWPPPs been made?

☐ Yes ☒ No ☐ Unsure

j. If yes, describe what changes have been made. Limit response to 250 characters and/or attach supplemental information on the attachment page:

k. Brief explanation on Storm Water Pollution Prevention Plan reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Collection Services - *Street Sweeping / Cleaning Program* ☐ Not Applicable

l. Did the municipality conduct street sweeping/cleaning during the reporting year?

☒ Yes ☐ No ☐ Unsure

m. If known, how many tons of material was removed?

☐ Unsure

n. Does the municipality have a low hazard exemption for this material?

☐ Yes ☒ No

o. If street cleaning is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?

☒ Yes - Explain frequency 1x per month winter months excluded Approx 56 ton

☐ No - Explain \_\_\_\_\_

☐ Not Applicable

Collection Services - *Catch Basin Sump Cleaning Program* ☐ Not Applicable

p. Did the municipality conduct catch basin sump cleaning during the reporting year?

☒ Yes ☐ No ☐ Unsure

q. How many catch basin sumps were cleaned in the reporting year?

☐ Unsure

r. If known, how many tons of material was collected?

☐ Unsure

s. Does the municipality have a low hazard exemption for this material?

☐ Yes ☒ No

t. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?

☒ Yes- Explain frequency Annually winter months excluded

☐ No - Explain \_\_\_\_\_

☐ Not Applicable

Collection Services - *Leaf Collection Program* ☐ Not Applicable

u. Does the municipality conduct curbside leaf collection?

☐ Yes ☒ No ☐ Unsure

v. Does the municipality notify homeowners about pickup?

☒ Yes ☐ No ☐ Unsure

w. Where are the residents directed to store the leaves for collection?

☐ Pile on terrace ☐ Pile in street ☐ Bags on terrace ☐ Unsure

☒ Other - Describe Residents bring material to the compost site at PW

x. What is the frequency of collection?

y. Is collection followed by street sweeping/cleaning?

☒ Yes ☐ No ☐ Unsure

z. Brief explanation on Collection Services reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page*

Winter Road Management ☐ Not Applicable

\*Note: We are requesting information that goes beyond the reporting year, answer the best you can.

aa. How many lane-miles of roadway is the municipality responsible for doing snow and ice control?

89

☐ Unsure

ab. Provide amount of de-icing products used by month last winter season?  
Solids (tons) (ex. sand, or salt-sand)

| Product | Oct | Nov | Dec | Jan | Feb | Mar |
|---------|-----|-----|-----|-----|-----|-----|
| Salt    | 0   | 30  | 180 | 240 | 180 | 0   |

Liquids (gallons) (ex. brine)

|       | Oct | Nov | Dec | Jan  | Feb | Mar |
|-------|-----|-----|-----|------|-----|-----|
| Brine | 0   | 150 | 900 | 1200 | 900 | 0   |

ac. Was salt applying machinery calibrated in the reporting year?

☒ Yes ☐ No ☐ Unsure

ad. Have municipal personnel attended salt reduction strategy training in the reporting year?

☒ Yes ☐ No ☐ Unsure

| Training Date | Training Name | # Attendance |
|---------------|---------------|--------------|
| 3/12/2021     | WI Salt Wise  | 12           |

ae. Brief explanation on Winter Road Management reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page*

All PW employees attended training on applying salt and calibration of equipment

Internal (Staff) Education & Communication

af. Has training or education been held for municipal or other personnel involved in implementing each of the pollution prevention program elements ?

☒ Yes ☐ No ☐ Unsure

If yes, describe what training was provided (250 character limit):

MS4 101- Basics of the Village's MS4 System and impacts on PW activities

When: 12/1/2021

How many attended: 12

- ag. Describe how the municipality has kept the following local officials and municipal staff aware of the municipal storm water discharge permit programs and its requirements.

Elected Officials

Newsletter and annual presentation/approval of MS4 Annual Report

Municipal Officials

Newsletter and annual presentation/approval of MS4 Annual Report

Appropriate Staff ( such as operators, Department heads, and those that interact with public)

Newsletter and annual presentation/approval of MS4 Annual Report

- ah. Brief explanation on Internal Education reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

## Missing Information

Do not close your work until you **SAVE**.

**Note:** For the minimum control measures, you must fill out all questions in sections 1 through 7

Form 3400-224 (R8/2021)

## Minimum Control Measures - Section 7 : Complete

### 7. Storm Sewer System Map

- a. Did the municipality update their storm sewer map this year?
- ☒ Yes ☐ No ☐ Unsure

If yes, check the areas the map items that got updated or changed:

- ☐ Storm water treatment facilities
- ☒ Storm pipes
- ☐ Vegetated swales
- ☐ Outfalls
- ☐ Other - Describe below

Reconstruction project added storm sewer to the system.

- b. Brief explanation on Storm Sewer System Map reporting. *If you marked Unsure for an question for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*



Do not close your work until you SAVE.

Form 3400-224 (R8/2021)

**Final Evaluation - Complete****Fiscal Analysis**

Complete the fiscal analysis table provided below. For municipalities that do not break out funding into permit program elements, please enter the monetary amount to your best estimate of what funding may be going towards these programs.

| Annual<br>Expenditure<br>Reporting Year | Budget<br>Reporting Year | Budget<br>Upcoming<br>Year | Source of Funds |
|-----------------------------------------|--------------------------|----------------------------|-----------------|
|-----------------------------------------|--------------------------|----------------------------|-----------------|

**Element:** Public Education and Outreach

|      |       |       |                            |
|------|-------|-------|----------------------------|
| 2021 | 57958 | 64386 | <u>Storm water utility</u> |
|------|-------|-------|----------------------------|

**Element:** Public Involvement and Participation

|      |       |       |                            |
|------|-------|-------|----------------------------|
| 2021 | 25336 | 28146 | <u>Storm water utility</u> |
|------|-------|-------|----------------------------|

**Element:** Illicit Discharge Detection and Elimination

|      |       |       |                            |
|------|-------|-------|----------------------------|
| 2021 | 32862 | 36507 | <u>Storm water utility</u> |
|------|-------|-------|----------------------------|

**Element:** Construction Site Pollutant Control

|      |       |       |                            |
|------|-------|-------|----------------------------|
| 2021 | 73089 | 81196 | <u>Storm water utility</u> |
|------|-------|-------|----------------------------|

**Element:** Post-Construction Storm Water Management

|      |        |        |                            |
|------|--------|--------|----------------------------|
| 2021 | 325944 | 362097 | <u>Storm water utility</u> |
|------|--------|--------|----------------------------|

**Element:** Pollution Prevention

|      |        |        |                            |
|------|--------|--------|----------------------------|
| 2021 | 208313 | 231419 | <u>Storm water utility</u> |
|------|--------|--------|----------------------------|

**Other (describe)**

|  |  |  |                  |
|--|--|--|------------------|
|  |  |  | <u>Select...</u> |
|--|--|--|------------------|

Please provide a justification for a "0" entered in the Fiscal Analysis. *Limit response to 250 characters.*

**Water Quality**

a: Were there any known water quality improvements in the receiving waters to which the

municipality's storm sewer system directly discharges to?

☐ Yes ☒ No ☐ Unsure If Yes, explain below:

**b:** Were there any known water quality degradation in the receiving waters to which the municipality's storm sewer system directly discharges to?

☐ Yes ☒ No ☐ Unsure If Yes, explain below:

**c:** Have any of the receiving waters that the municipality discharges to been added to the impaired waters list during the reporting year?

☐ Yes ☒ No ☐ Unsure

**d:** Has the municipality evaluated their storm water practices to reduce the pollutants of concern?

☒ Yes ☐ No ☐ Unsure

### Storm Water Quality Management

**a.** Has the municipality completed or updated modeling in the reporting year (relating to developed urban area performance standards of s. NR 151.13(2)(b)1., Wis. Adm. Code)? ☐ Yes ☒ No

**b.** If yes, enter percent reduction in the annual average mass discharging from the entire MS4 to surface waters of the state as compared to implementing no storm water management controls:

Total suspended solids (TSS)

Total phosphorus (TP)

### Status of Total Maximum Daily Loads (TMDLs) Implementation

The permittee McFarland Village is subject to the following approved TMDLs: Rock River Basin and/or and/or Beaver Dam Lake

The permittee intends to comply with the following permit requirements to show progress towards meeting the TMDL:

#### [A.3.2] The Permittee is participating in an approved Adaptive Management Project.

Attach a summary of adaptive management implementation actions for the reporting year, including:

- Most recent estimated pollutant of concern percent reduction levels (i.e. total phosphorus and total suspended solids/ sediment), as compared to no controls by reachshed, within the permittee's MS4 permitted area.
- Pollutant of concern percent reduction levels, as compared to no controls by reachshed, which the permittee intends to ultimately achieve within its own MS4 permitted area (not associated with AM buy-in).
- The financial dollar value contributed to an AM program for the reporting year.
- Identify any additional storm water measures that were initially implemented in the reporting year, which reduce the discharge of pollutants of concern from its MS4 permitted area (not associated with AM buy-in). If available, identify the incremental percent reduction gained by such measures relative to the MS4 permitted area.

### Additional Information

Based on the municipality's storm water program evaluation, describe any proposed changes to the

municipality's storm water program. *If your response exceeds the 250 character limit, attach supplemental information on the attachments page.*

The Village of McFarland is part of the Yahara Wins & Madison Area Municipal Storm Water Partnership.

Do not close your work until you SAVE.

|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|

Form 3400-224 (R8/2021)

### Requests for Assistance on Understanding Permit Programs

Would the municipality like the Department to contact them about providing more information on understanding any of the Municipal Separate Storm Sewer Permit programs?

Please select all that apply:

- ☐ Public Education and Outreach
- ☐ Public Involvement and Participation
- ☐ Illicit Discharge Detection and Elimination
- ☐ Construction Site Pollutant Control
- ☐ Post-Construction Storm Water Management
- ☐ Pollution Prevention
- ☐ Storm Water Quality Management
- ☐ Storm Sewer System Map
- ☐ Water Quality Concerns
- ☐ Compliance Schedule Items Due
- ☐ MS4 Program Evaluation

Do not close your work until you **SAVE**.

Form 3400-224(R8/2021)

## Required Attachments and Supplemental Information

Any other MS4 program information for inclusion in the Annual Report may be attached on here. Use the Add Additional Attachments to add multiple documents.

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

**\*Required Item**

**Note:** To replace an existing file, use the 'Click here to attach file ' link or press the to delete an item.

### Storm Sewer System Map

 File Attachment

[MS43-2-22.pdf](#)

### Adaptive Management Summary

 File Attachment

[AdaptiveManagementPlanSummary2021.pdf](#)

### Attach - Other Supporting Documents

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

### Attach - Permit Compliance Documents

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

### Missing Information

**Draft and Share PDF Report with the permittee's governing body or delegated representatives.**

Press the button below to create a PDF. The PDF will be sent to the email address associated with the WAMS ID that is signed in. After the annual report has been reviewed by the governing body or delegated representative, return to the MS4 eReporting System to submit the final report to the DNR.

[Draft and Share PDF Report](#)





## Sign and Submit Your Application

### Steps to Complete the signature process

1. Read and Accept the Terms and Conditions
2. Press the Submit and Send to the DNR button

**NOTE:** For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

### Terms and Conditions

**Certification:** I hereby certify that I am an authorized representative of the municipality covered under McFarland Village MS4 Permit for which this annual report or other compliance document is being submitted, and that the information contained in this submittal and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Signee (must check current role prior to accepting terms and conditions)

- ☐ Authorized municipal contact using WAMS ID.
- ☐ Delegation of Signature Authority ( Form 3400-220 ) for agent signing on the behalf of the authorized municipal contact.
- ☐ Agent seeking to share this item with authorized municipal contact (authorized municipal contact must get WAMS id and complete signature).

**Name:**

**Title:**

Authorized Signature.

- ☐ I accept the above terms and conditions.

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.

# Summary of Adaptive Management Participation to Achieve TMDL Compliance

## Village of McFarland 2021 Annual Report

This summary documents the Village's progress to date towards meeting the water quality goals required by the Rock River TMDL, and the Village's plan to meet those goals through participation in the Yahara WINS Adaptive Management program. The Village's MS4 permit requires that the following information be included in the annual report:

1. Most recent estimated pollutant of concern percent reduction levels (i.e. total phosphorus and total suspended solids/ sediment), as compared to no controls by reachshed, within the permittee's MS4 permitted area.
2. Pollutant of concern percent reduction levels, as compared to no controls by reachshed, which the permittee intends to ultimately achieve within its own MS4 permitted area (not associated with Adaptive Management buy-in).
3. The financial dollar value contributed to an Adaptive Management program for the reporting year.
4. Identify any additional storm water measures that were initially implemented in the reporting year, which reduce the discharge of pollutants of concern from its MS4 permitted area (not associated with Adaptive Management buy-in). If available, identify the incremental percent reduction gained by such measures relative to the MS4 permitted area.

### 1. Estimated Pollutant Reduction Levels

The Village's WinSLAMM model is used for estimating the pollutant loading and reduction. The most recent update of the Village's WinSLAMM model was performed in 2016 for the purposes of participation in the adaptive management program. The Village currently achieves a 47% reduction in TSS and a 35% reduction of TP. This meets the permit requirements of 40%/27% TSS and TP reductions respectively. A more detailed summary table of these reductions by watershed is attached in Appendix A.

### 2. Pollutant Reduction Level Goals

Additional pollutant level reduction goals are set by the Rock River Basin TMDL (Rock River Recovery). Within this TMDL, the Village's MS4 is in the Yahara River and Lake Kegonsa Watershed (LR06) and discharges to Reach 66 (Yahara River, Lake Waubesa, Lake Kegonsa). The Rock River TMDL sets the ultimate reduction level goals of 62%/54% TSS and TP reductions respectively.

The Village intends to continue to make improvements in TSS and TP reduction levels through a combination of efforts, including but not limited to the following:

- Maintenance of existing stormwater system and controls.
- Post-construction stormwater standards set by municipal ordinance for both TSS reduction and volume control for redevelopment sites that exceed the WDNR-set uniform state standards for redevelopment post-construction stormwater management.
- Continued improvement of the Village's leaf management program.
- Continued improvement to the Village's sweeping program where practicable.

### 3. Adaptive Management Financial Contribution

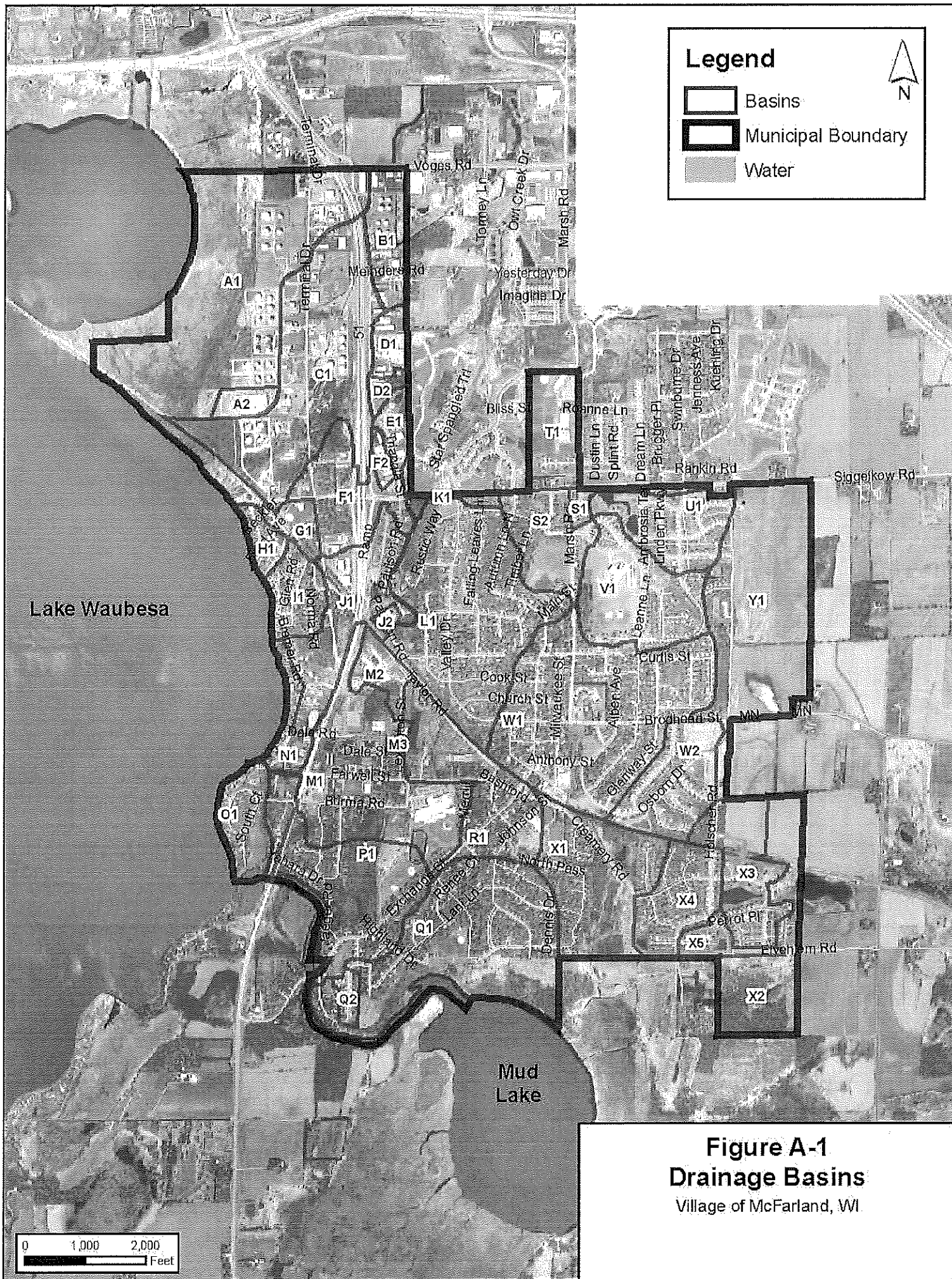
An invoice record of the Village's annual payment to the adaptive management program is attached in Appendix B.

### 4. New Storm Water Measures

No new municipally-owned storm water measures were installed in the reporting year which would be relevant to the Village's stormwater modeling.

# APPENDIX A

| Summary of Modeling Results                      |              |                  |                                |                                  |                 |                                |                                  |               |                                   |                                  |                                  |                                  |
|--------------------------------------------------|--------------|------------------|--------------------------------|----------------------------------|-----------------|--------------------------------|----------------------------------|---------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Watershed Characteristics                        |              |                  | Total Suspended Solids (TSS)   |                                  |                 | Total Phosphorous              |                                  |               | Stormwater BMPs employed*         |                                  |                                  |                                  |
| Drainage Area (label)                            | Area (acres) | Primary Land Use | Discharge No Controls (pounds) | Discharge with Controls (pounds) | TSS Control (%) | Discharge no controls (pounds) | Discharge with controls (pounds) | P control (%) | Source Area Control Practice 1    | Drainage Area Control Practice 1 | Drainage Area Control Practice 2 | Drainage Area Control Practice 3 |
| A1                                               | 62.5         | MI               | 31515.6                        | 21345                            | 32%             | 58                             | 46.82                            | 20%           | SC                                | CB                               | OD-Pond (80% efficient)          |                                  |
| A2                                               | 10.3         | LI               | 6557                           | 2351                             | 64%             | 58.76                          | 30.87                            | 47%           | GS                                | GS                               | OD - Pond (55%)                  |                                  |
| B1                                               | 26.9         | MI, R            | 16044.6                        | 12073.4                          | 25%             | 29.3                           | 23.18                            | 21%           | SC                                | CB                               | OD - Pond (40%)                  |                                  |
| C1                                               | 74.4         | MI               | 36760                          | 28330                            | 23%             | 70.86                          | 56.72                            | 20%           | GS                                | GS                               | OD - Pond (40%)                  |                                  |
| D1                                               | 13.8         | LI               | 8023                           | 1933.4                           | 76%             | 14.786                         | 6.898                            | 53%           | SC                                | CB                               | GS                               | OD - Pond (69%)                  |
| D2                                               | 6.1          | LI               | 2889                           | 657                              | 77%             | 5.622                          | 2.678                            | 52%           | SC                                | CB                               | GS                               | OD - Pond (70%)                  |
| E1                                               | 12.8         | LI               | 7058.6                         | 1199.72                          | 83%             | 13.242                         | 5.772                            | 56%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| F1                                               | 34.5         | R                | 11315.8                        | 7860.2                           | 31%             | 34.26                          | 28.32                            | 17%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| F2                                               | 5.4          | LI               | 3175.4                         | 547.2                            | 83%             | 6.016                          | 2.684                            | 55%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| G1                                               | 12.7         | R                | 2143.8                         | 1792.8                           | 16%             | 8.946                          | 8.018                            | 10%           | SC                                | CB                               |                                  |                                  |
| H1                                               | 10.9         | R                | 3683.2                         | 3047.4                           | 17%             | 13.206                         | 11.616                           | 12%           | SC                                | CB                               |                                  |                                  |
| I1                                               | 25.9         | R                | 7102.8                         | 5731.2                           | 19%             | 27.1                           | 23.62                            | 13%           | SC                                | CB                               |                                  |                                  |
| J1                                               | 52.2         | R                | 17146                          | 14524                            | 15%             | 52.02                          | 46.56                            | 10%           | SC                                | CB                               |                                  |                                  |
| J2                                               | 2.9          | C                | 1734.2                         | 1399.4                           | 19%             | 3.654                          | 3.132                            | 15%           | SC                                | CB                               |                                  |                                  |
| K1                                               | 8.5          | R                | 2588.4                         | 2180.6                           | 16%             | 8.102                          | 7.284                            | 10%           | SC                                | CB                               |                                  |                                  |
| L1                                               | 158.4        | R                | 37190.6                        | 14049.4                          | 62%             | 149.82                         | 85.88                            | 43%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| M1                                               | 101.4        | R, C             | 40478.6                        | 20152.2                          | 50%             | 111.48                         | 68.78                            | 38%           | SC                                | CB                               | OD - Pond (40%)                  | OD - Pond (37%)                  |
| M2                                               | 15.4         | C                | 7119.6                         | 2755.2                           | 61%             | 17.496                         | 8.868                            | 49%           | SC                                | CB                               | OD - Pond (53%)                  |                                  |
| M3                                               | 3.0          | R                | 1113.2                         | 914                              | 18%             | 3.204                          | 2.806                            | 12%           | SC                                | CB                               |                                  |                                  |
| N1                                               | 24.1         | R, C             | 8939.2                         | 4546                             | 49%             | 26.38                          | 16.482                           | 38%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| O1                                               | 13.3         | R                | 9933.8                         | 3238.6                           | 18%             | 14.858                         | 13.06                            | 12%           | SC                                | CB                               |                                  |                                  |
| P1                                               | 58.1         | R                | 16045.6                        | 13433.6                          | 16%             | 60.12                          | 53.6                             | 11%           | SC                                | CB                               |                                  |                                  |
| Q1                                               | 104.9        | R                | 24001.6                        | 20168                            | 18%             | 100.46                         | 90.22                            | 10%           | SC                                | CB                               |                                  |                                  |
| Q2                                               | 6.9          | R                | 1558.4                         | 252.8                            | 84%             | 6.274                          | 2.586                            | 59%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| R1                                               | 75.3         | R                | 25042.6                        | 11612.8                          | 54%             | 82.08                          | 45.82                            | 44%           | GS                                | GS                               | OD - Pond (37%)                  |                                  |
| S1                                               | 9.2          | R                | 2874                           | 628.4                            | 78%             | 10.274                         | 4.022                            | 61%           |                                   | GS                               | OD - Pond (70%)                  |                                  |
| S2                                               | 32.1         | R                | 7864.2                         | 1972                             | 75%             | 32.06                          | 15.338                           | 52%           | SC                                | CB                               | OD - Pond (70%)                  |                                  |
| T1                                               | 37.3         | R, O             | 10356                          | 8347.8                           | 19%             | 34.12                          | 29.5                             | 14%           | SC                                | CB                               | OD - Pond (70%)                  |                                  |
| U1                                               | 48.5         | R                | 13655                          | 2262                             | 83%             | 52.42                          | 21.78                            | 58%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| V1                                               | 73.0         | R                | 23325.6                        | 3882.8                           | 83%             | 84                             | 32.84                            | 61%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| W1                                               | 178.1        | R                | 50499.2                        | 18440.6                          | 63%             | 184.4                          | 101.24                           | 45%           | SC                                | CB + one 6"MH                    | OD - Pond (60%)                  |                                  |
| W2                                               | 52.2         | R                | 12866.2                        | 3656.2                           | 73%             | 50.36                          | 24.8                             | 51%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| X1                                               | 54.9         | R                | 13743.4                        | 11194.8                          | 19%             | 51.82                          | 45.58                            | 12%           | SC                                | CB                               |                                  |                                  |
| X2                                               | 14.5         | R, O             | 2615.4                         | 2120.8                           | 19%             | 11.188                         | 9.922                            | 11%           | SC                                | CB                               |                                  |                                  |
| X3                                               | 53.1         | R                | 12066                          | 2019.4                           | 83%             | 49.14                          | 21.26                            | 57%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| X4                                               | 43.5         | R                | 9872.6                         | 5975.4                           | 39%             | 39.76                          | 27.34                            | 31%           | SC                                | CB                               | GS - (to model Dry Pond)         |                                  |
| X5                                               | 12.1         | R                | 3099.8                         | 505.4                            | 84%             | 11.762                         | 4.784                            | 59%           | SC                                | CB                               | OD - Pond (80%)                  |                                  |
| 37.2 Internally Drained - EXCLUDE                |              |                  |                                |                                  |                 |                                |                                  |               | Internally drained basin, exclude |                                  |                                  |                                  |
| TOTALS                                           | 1529         |                  | 486038                         | 257101                           | 47%             | 1588                           | 1031                             | 35%           |                                   |                                  |                                  |                                  |
| *Particle sizes routed between control practices |              |                  |                                |                                  |                 |                                |                                  |               |                                   |                                  |                                  |                                  |



**Figure A-1**  
**Drainage Basins**  
 Village of McFarland, WI



# APPENDIX B

**Madison Metro Sewerage Dist.**

1610 Moorland Road  
Madison, WI 53713-3398

|         |             |
|---------|-------------|
| Number: | RC000003754 |
| Page:   | 1           |
| Date:   | 12/1/2021   |

|                 |                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------|
| <b>Sold To:</b> | VILLAGE OF MCFARLAND<br>ALLAN COVILLE<br>5915 MILWAUKEE ST<br>PO BOX 110<br>MCFARLAND, WI 53558 |
|-----------------|-------------------------------------------------------------------------------------------------|

|                      |              |             |          |            |
|----------------------|--------------|-------------|----------|------------|
| Reference - P.O. No. | Customer No. | Salesperson | Ship Via | Terms Code |
|                      | AMVMCFARLAND |             |          | WINS       |

|           | Description/Comments                                                                                                                                                                                                                     | Amount     |              |            |              |           |          |  |      |           |          |  |      |  |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|------------|--------------|-----------|----------|--|------|-----------|----------|--|------|--|
|           | Yahara Watershed Adaptive Mgmt                                                                                                                                                                                                           | 14,770.00  |              |            |              |           |          |  |      |           |          |  |      |  |
|           | <table><tr><th>Due Date</th><th>Amount Due</th><th>Disc. Date</th><th>Disc. Amount</th></tr><tr><td>2/28/2022</td><td>7,385.00</td><td></td><td>0.00</td></tr><tr><td>6/30/2022</td><td>7,385.00</td><td></td><td>0.00</td></tr></table> | Due Date   | Amount Due   | Disc. Date | Disc. Amount | 2/28/2022 | 7,385.00 |  | 0.00 | 6/30/2022 | 7,385.00 |  | 0.00 |  |
| Due Date  | Amount Due                                                                                                                                                                                                                               | Disc. Date | Disc. Amount |            |              |           |          |  |      |           |          |  |      |  |
| 2/28/2022 | 7,385.00                                                                                                                                                                                                                                 |            | 0.00         |            |              |           |          |  |      |           |          |  |      |  |
| 6/30/2022 | 7,385.00                                                                                                                                                                                                                                 |            | 0.00         |            |              |           |          |  |      |           |          |  |      |  |

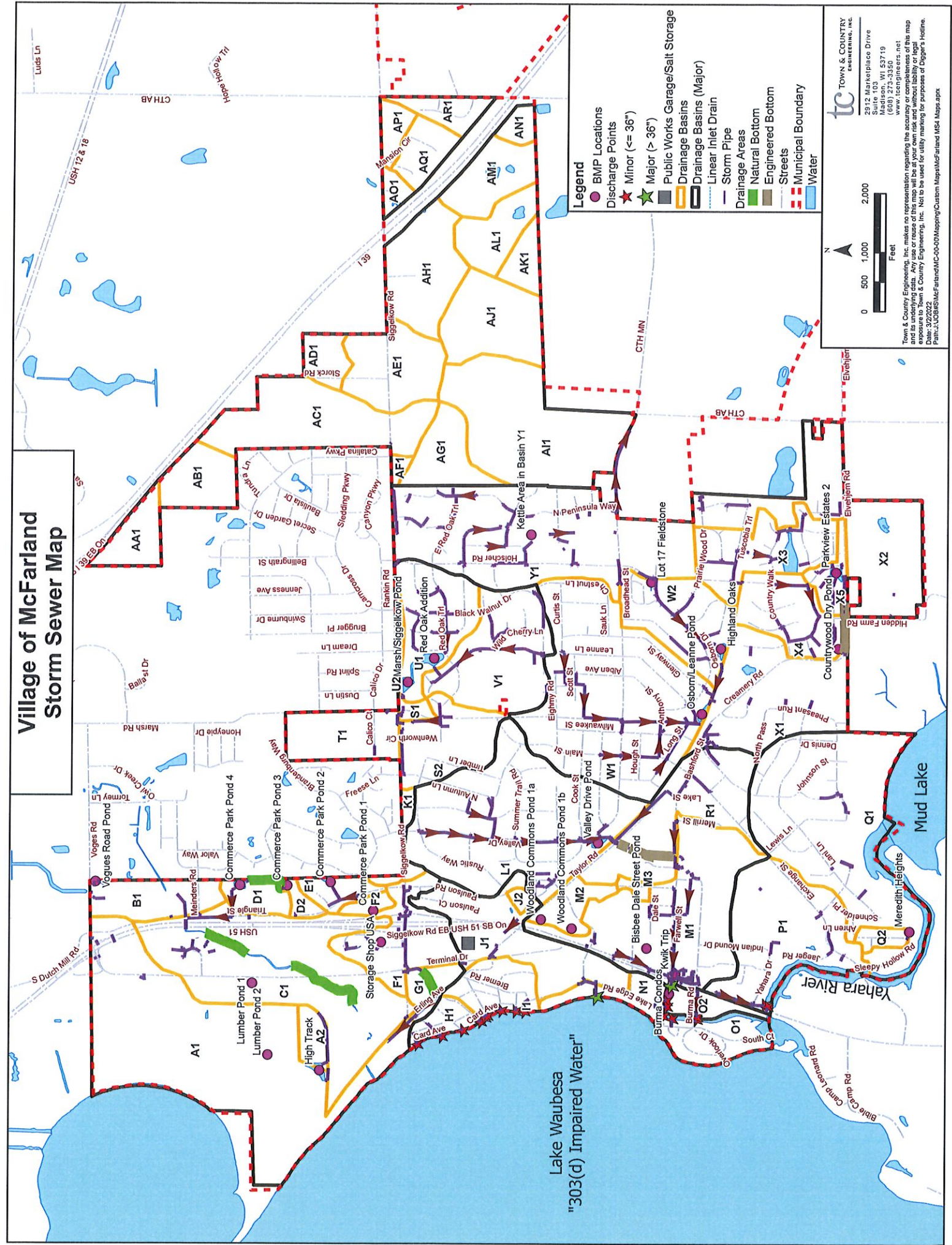
**Remit To:**  
Madison Met. Sewerage District  
1610 Moorland Road  
Madison, WI 53713  
USA

|              |           |
|--------------|-----------|
| Total amount | 14,770.00 |
|--------------|-----------|

1% Interest per month after 30 days

Invoice

# Village of McFarland Storm Sewer Map



- Legend**
- BMP Locations
  - Discharge Points
  - Minor (<= 36")
  - Major (> 36")
  - Public Works Garage/Salt Storage
  - Drainage Basins
  - Drainage Basins (Major)
  - Linear Inlet Drain
  - Storm Pipe
  - Drainage Areas
  - Natural Bottom
  - Engineered Bottom
  - Streets
  - Municipal Boundary
  - Water

**TOWN & COUNTRY ENGINEERING, INC.**  
 2912 Marketplace Drive  
 Suite 103  
 Madison, WI 53719  
 (608) 273-3350  
 Fax: (608) 273-3350  
 www.townandcountryeng.com

Town & Country Engineering, Inc. makes no representation regarding the accuracy or completeness of this map and its underlying data. Any use or reuse of this map will be at your own risk and without liability or legal exposure to Town & Country Engineering, Inc. Not to be used for utility marking for purposes of Digger's Hotline. Part: LUC0815147-00-000 Mapping/Customer Maps/MapFarland MSA Maps.aprx

0 500 1,000 2,000 Feet

Lake Waubesa  
"303(d) Impaired Water"

  
VILLAGE OF  
**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Administration

**CONTACT:** Cassandra Suettinger, Village Clerk/Treasurer, Aaron Chapin, Police Chief

**AGENDA ITEM:** Discussion and recommendation on Ordinance 2022-10: An ordinance amending the Municipal Code concerning alcohol beverage licenses and fees for operator's licenses.

**PREVIOUS ACTION:**

None.

**ISSUE SUMMARY:**

Ordinance 2022-10, provides recommended revisions the Village's Ordinance regarding alcohol licensing. There are three main areas proposed for revision:

Amendments 1 through 5 - Ordinance Clean Up - These amendments found in the attached ordinance amendment were put forth by the Village Attorney to provide updates and clean up of our ordinance for areas that conflict with state law. A couple notable changes are:

- Update the definition for Class A establishments to include provisions mirroring state law to allow limited sampling.
- Updating the definitions for Class B establishments to provide that opened containers of alcohol may be sold for off-premise consumption as long as the to-go container has a tamper-evident seal.
- Removing reference to Wholesalers permits as those are issued by the WI DOR.

Amendment 6 - Providing additional fees for background checks for operator's license applications - This amendment codifies the Village's ability to provide additional fees when additional background checks are necessary for an operator's license.

Amendment 7 - Regulation of Pop-Up Brewery Events - State law provides the ability for those who hold a brewery permit, issued by the Wisconsin Department of Revenue, the ability to 'pop-up' and sell beer at a second location that is not the brewery. The Village has seen proposals for a variety of events that include serving beer at business grand openings on private property. Because the brewery permit is administered by the WI Department of Revenue, the Village does not have any authority to require conditions for the events as we do other events that are regulated by the Village's event permit. The regulations put forth in the proposed ordinance amendment provide the ability for the Village to require the same minimum standards it does



other events of this nature.

**FINANCIAL/BUDGET IMPACT:**

No financial impact.

**VILLAGE PLAN REFERENCE:**

none.

**ORDINANCE REFERENCE:**

[Chapter 11 - Article II - Alcohol Beverages](#)

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

The Public Safety Committee unanimously recommended approval of ordinance 2022-10.

*Motion to approve Ordinance 2022-10: An ordinance amending the Municipal Code concerning alcohol beverage licenses, Pop-Up Brewery Events and Fees for Operator's Licenses.*

**ATTACHMENTS:**

1. 2022-10 Class B licenses and Brewer Outlets - Redline
2. 2022-10 Class B licenses and Brewer Outlets (002)



**Sec. 11-47. Classes of licenses.**

- (a) *Retail "Class A" intoxicating liquor license.* A ~~retail~~ "Class A" license authorizes the retail sale of intoxicating liquor ~~license, when issued by the Village Clerk-Treasurer under for the authority of the Village Board, shall permit its holder to sell, deal and traffic in intoxicating liquors only consumption off the premises where sold and~~ in original packages ~~or and~~ containers. In addition, the licensee is authorized to provide taste samples of intoxicating liquor and wine consistent with Wis. Stats. and to be consumed off the premises so licensed. §§ 125.06(13) and 125.51(2)(am).
- (b) *Retail "Class B" intoxicating liquor license.* A ~~retail~~ "Class B" license authorizes the retail sale of intoxicating liquor ~~license, when issued by the Village Clerk-Treasurer under authority of the Village Board, shall permit its holder to sell, deal and traffic in intoxicating liquors to be consumed by the glass only on the premises so licensed and and not in the original package or container in multiples not to exceed four liters at any one time, to be consumed for consumption on the premises where sold or for consumption off the premises, except that wine may be sold if the licensee seals the container of intoxicating liquor with a tamper-evident seal before the intoxicating liquor is removed from the premises. In addition, the license also authorizes the retail sale of intoxicating liquor in the original package or otherwise container, in any other quantity, to be consumed off the premises where sold.~~
- (c) *Retail "Class C" license.* ~~A Retail "Class C" license when issued by the Village Clerk-Treasurer under authority of the Village Board, shall entitle the holder thereof to possess, sell, or offer for sale, and~~ A "Class C" license authorizes the retail sale of wine by the glass or in an opened original container for consumption on the premises where sold.
- (d) *Class "A" fermented malt beverage ~~retailer's~~ license.* A Class "A" ~~retailer's fermented malt beverage license, when issued by~~ authorizes the Village Clerk-Treasurer under the authority of the Village Board, shall entitle the holder thereof to possess, sell or offer for retail sale of fermented malt beverages ~~only for consumption away from off the premises where sold and in the original packages, containers or bottles. In addition, the licensee is authorized to provide taste samples of fermented malt beverages consistent with Wis. Stats. § 125.25(1).~~
- (e) *Class "B" fermented malt beverage ~~retailer's~~ license.* A Class "B" license authorizes the retail sale of fermented malt ~~beverage retailer's license, when issued by the Village Clerk-Treasurer under the authority of the Village Board, shall entitle the holder thereof to possess, sell, or offer for sale, fermented malt beverages, either beverages to be consumed upon either on the premises where sold or away from such off the premises. The holder licensee may also sell beverages containing with less than one-half of a percentum 0.5 percent of alcohol by volume, without obtaining a special license to sell such beverages.~~

**Sec. 11-48. Class "B" license.**

- (a) *Issued.* Such license may be issued after July 1. The license shall expire on the following June 30.
- (b) *Application.* Class "B" licenses may be issued to any person qualified under Wis. Stats. § 125.04(5). Such licenses may not be issued to any person acting as agent for or in the employ of another except that this restriction does not apply to a hotel or restaurant which is



not a part of or located on the premises of any mercantile establishment, or to a bona fide club, society or lodge that has been in existence for at least six months before the date of application. A Class "B" license for a hotel, restaurant, club, society or lodge may be issued in the name of an officer who shall be personally responsible for compliance with this Article. Except as provided in Wis. Stats. § 125.31-295, Class "B" licenses may not be issued to brewers or ~~fermented malt beverages wholesalers. Except as provided in Wis. brewpubs. A Stats. § 125.29, beginning on May 5, 1994, a~~ Class "B" license may not be issued to a person holding a wholesaler's license permit issued under Wis. Stats. § 125.28 or to a person who has a direct or indirect ownership interest in a premises operating under a wholesaler's license permit issued under Wis. Stats. § 125.28.

- ~~(c) *Renewal.* Notwithstanding Wis. (c) Stats. § 125.26(2)(b)2.a, a person who holds a Class "B" license and a wholesaler's license issued under Wis. Stats. § 125.28, both of which licenses were issued before May 5, 1994, may, subject to Wis. Stats. §§ 125.04 and 125.12, renew and continue to hold both licenses. If a person holding a Class "B" license and a wholesaler's license under Wis. Stats. § 125.26(2)(b)2.b fails to renew either license, is denied renewal of either license under Wis. Stats. § 125.12 or has either license suspended or revoked under Wis. Stats. § 125.12, the person is subject to Wis. Stats. § 125.26(2)(b)2.a.~~
- ~~(d)~~ *Hotels.* Notwithstanding Wis. Stats. § 125.04(3)(a)3. and (9), a Class "B" license authorizes a person operating a hotel to furnish a registered guest who has attained the legal drinking age with a selection of fermented malt beverages in the guest's room, which is not part of the Class "B" premises. Fermented malt beverages furnished under this Subsection shall be furnished in original packages or containers and stored in a cabinet, refrigerator or other secure storage place. The cabinet, refrigerator or other secure storage place must be capable of being locked. The cabinet, refrigerator or other secure storage place shall be locked, or the fermented malt beverages shall be removed from the room, when the room is not occupied and when fermented malt beverages are not being furnished under this Subsection. A key for the lock shall be supplied to a guest who has attained the legal drinking age upon request at registration. The hotel shall prominently display a price list of the fermented malt beverages in the hotel room. Fermented malt beverages may be furnished at the time the guest occupies the room, but for purposes of this Chapter, the sale of fermented malt beverages furnished under this Subsection is considered to occur at the time and place that the guest pays for the fermented malt beverages. Notwithstanding Wis. Stats. § 125.32(3), the guest may pay for the fermented malt beverages at any time if the guest pays in conjunction with checking out of the hotel. An individual who stocks or accepts payment for alcohol beverages under this Subsection shall be the licensee, the agent named in the license if the licensee is a corporation or limited liability company or the holder of a manager's or operator's license or be supervised by one of those individuals.

#### **Sec. 11-51. Wholesaler's license.**

~~A wholesaler's fermented malt beverage license, when issued by the Village Clerk-Treasurer under authority of the Village Board, shall entitle the holder to possess, sell or offer for sale fermented malt beverages only in original packages or containers to dealers, not to be consumed in or about the premises of said wholesaler.~~

### Sec. 11-53. Reserve "Class B" licenses.

A reserve "Class B" license means a license that is not granted or issued by the Village on December 1, 1997, and that is counted under Wis. Stats. § 125.51(4)(br), which, if granted ~~or issued, authorizes the sale of intoxicating liquor to be consumed by the glass only on the premises where sold, and also authorizes the sale of intoxicating liquor in the original package or container in multiples not to exceed four liters at any one time, to be consumed off premises, except that wine may be sold in the original package or otherwise in any other quantity to be consumed off the premises.~~, authorizes the sale of intoxicating liquor as described under Section 11-47(b).

### Sec. 11-54. License fees.

- (a) *Generally.* The following license fees shall be charged for licenses issued by the Village Board for the sale of intoxicating liquors and fermented malt beverages within the Village. All such fees are payable after approval of the application by the Village Board and prior to the release of the license being delivered to the licensee, ~~with except that the exception of special fee for a temporary~~ Class "B" fermented malt beverages licenses, ~~for which the fee and temporary~~ "Class B" wine license shall be paid at the time application is submitted.
- (1) *Class "A" fermented malt beverages ~~retailer's~~ license.* The annual fee for this license will be the fee established by the Village Board from time to time and provided in Appendix A to this Code. The fee for a license for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license is issued.
  - (2) *Class "B" fermented malt beverage license.* The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. This license may be issued at any time for six months in any calendar year, for which 50 percent of the applicable license fee shall be paid, but such license shall not be renewable during the calendar year in which issued. The fee for a license for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license issued.
  - (3) *Temporary Class "B" fermented malt beverage license.* The fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code, per event.
  - (4) *Temporary "Class B" wine license.* The fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code, per event. However, there shall be no fee if the temporary ~~wine~~ "Class B" license is obtained along with a temporary Class "B" fermented malt beverage license.
  - (5) ~~*Fermented malt beverage wholesaler's license.* Retail. The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code.~~
  - (6) ~~*"Class A" intoxicating liquor ~~retailer's~~ license.* The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code.~~

- ~~(7) "Class B" intoxicating liquor retailer's license.~~ The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. This license may be issued at any time for six months in any calendar year, for which 50 percent of the applicable license fee shall be paid, but such license shall not be renewable during the calendar year in which issued.
- ~~(8) "Class C" wine license.~~ ~~The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code.~~ The fee for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license issued.
- (6) Retail "Class B" intoxicating liquor license. The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. This license may be issued at any time for six months in any calendar year, for which 50 percent of the applicable license fee shall be paid, but such license shall not be renewable during the calendar year in which issued. The fee for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license issued.
- (7) Retail "Class C" license. The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. (9) This license may be issued at any time for six months in any calendar year, for which 50 percent of the applicable license fee shall be paid, but such license shall not be renewable during the calendar year in which issued. The fee for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license issued.
- (8) Reserve "Class B" intoxicating liquor license. The fee for an initial issuance of a reserve "Class B" license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code, except that the fee for the initial issuance of a reserve "Class B" license to a bona fide club or lodge situated and incorporated in the state for at least six years is the fee established by the Village Board from time to time and provided in Appendix A to this Code for such a club or lodge. The annual fee for renewal of a reserve "Class B" license is the fee established by the Village Board from time to time and provided in Appendix A to this Code.
- (109) "Class B" license for full-service restaurants and hotels. For those "Class B" licenses issued pursuant to Wis. Stats. The § 125.51(4)(v), the initial and annual fee for a "Class B" license for a full-service restaurant that has a seating capacity of 300 or more persons, or a hotel that has 50 or more rooms of sleeping accommodations and that has either an attached restaurant with a seating capacity of 150 or more persons or a banquet room which will accommodate 400 or more persons, shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. Thereafter, the annual renewal fee shall be as established in the same.

#### **Sec. 11-73. Operator's license fee.**

- (a) (a) Operator's Operator's license. The fee for an ~~operator's operator's~~ license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code

~~for~~. The Village Board may charge a higher fee to cover the costs of additional background checks the Board determines to be appropriate during the term of the license.

#### **Sec. 11-78. Regulation of Pop-Up Brewery Events.**

- (a) For events open to the public held on private property in which alcohol beverages may be lawfully consumed at the location pursuant to a permitted off-site retail outlet established by a brewer, the following regulations apply to the event and location:
- a. *Closed area.* Alcohol beverages may be distributed and consumed only in an area that is closed or part thereof, fenced-off from the general public. No person under age 21 may be in the closed or fenced-off area unless accompanied by his or her parent or guardian, or the person is accompanied by his or her spouse who is at least age 21.
  - b. *Identification checks and wrist bands.* All persons entering an area authorized for consumption of alcohol beverages shall be subjected to an identification check verifying the person is at least age 21, and shall wear a wrist band confirming the same. This paragraph does not apply to persons under age 21 accompanied by his or her parent or guardian, or his or her spouse who is at least age 21.
  - c. *Hours of Operation.* Alcohol beverages may only be distributed and consumed between 6:00 a.m. and 9:00 p.m. each day.
  - d. *Server Requirements.* Persons serving alcohol beverages may not have a blood alcohol level above 0.04 g/100mL. At least one server at an event must have completed, within the previous two years, a Responsible Beverage Server training course approved by the Wisconsin Department of Revenue.
  - e. *Information to be provided to Village.* At least 21 days prior to the event, the property owner or lessee shall provide the Village Clerk with details concerning the event, including the specific location and time of the event, proof of completion of a Responsible Beverage Server training course by a server who will serve alcohol beverages at the event, and any other pertinent information requested by the Village Clerk or the Chief of Police. In the interests of public safety, the Chief of Police, or his or her designee, may impose additional reasonable restrictions or requirements for the event.
  - f. *Compliance with other Alcohol Beverage laws and permit requirements.* All other applicable terms under Chapter 125 of the Wisconsin Statutes (Alcohol Beverages) and any applicable permit or license issued under the same, shall be complied with by the property owner, lessee, server and brewer permit holder.
- (b) The property owner, lessee, persons serving alcohol beverages at the event, and brewer permit holder, are responsible for compliance with this Section and any additional restrictions or requirements made by the Village Clerk or Chief of Police pursuant to this Section.

#### **APPENDIX A- FEES FOR ALCOHOL LICENSES**

|                            |                                                                                                        |                    |
|----------------------------|--------------------------------------------------------------------------------------------------------|--------------------|
| 11-54(a)(1)                | Class "A" fermented malt beverages license (per year)                                                  | \$200.00           |
| 11-54(a)(2)                | Class "B" fermented malt beverage license (per year)                                                   | \$100.00           |
| 11-54(a)(3)<br>or 11-49(b) | Temporary class "B" fermented malt beverage license (per event)                                        | \$10.00            |
| 11-54(a)(4)                | Temporary "class B" wine license (per event)                                                           | \$10.00            |
| <del>11-54(a)(5)</del>     | <del>Fermented malt beverage wholesaler's license</del>                                                | <del>\$25.00</del> |
| <del>11-54(a)(6)</del>     | "Class A" intoxicating liquor license (per year)                                                       | \$500.00           |
| 11-54(a)( <del>76</del> )  | "Class B" intoxicating liquor license (per year)                                                       | \$500.00           |
| 11-54(a)( <del>87</del> )  | "Class C" wine license (per year)                                                                      | \$100.00           |
| 11-54(a)( <del>98</del> )  | Reserve "Class B" intoxicating liquor license                                                          |                    |
|                            | Fee for initial issuance                                                                               | \$10,000.00        |
|                            | Renewal fee <del>(annual):</del>                                                                       |                    |
|                            | \$500.00                                                                                               |                    |
| 11-54(a)( <del>109</del> ) | "Class B" license <del>for full-service restaurants</del> issued pursuant to Wis. Stat. § 125.51(4)(v) |                    |
|                            | Fee for initial issuance                                                                               | \$10,000.00        |
|                            | Renewal fee <del>(annual):</del>                                                                       | \$500.00           |
| 11-61(a)                   | License Transfer fee                                                                                   | \$10.00            |
| 11-61(b)                   | Change of agent fee                                                                                    | \$10.00            |
| 11-69(d)                   | Outdoor sports activities with "Class B" Licenses event application review fee                         | \$50.00            |
| 11-73(a)                   | Operator's license fee                                                                                 |                    |
|                            | If no additional background checks are required during license period                                  | \$35.00            |

|          |                                            |                             |
|----------|--------------------------------------------|-----------------------------|
|          | <u>If additional background checks are</u> |                             |
|          | <u>required during license period</u>      | <u>\$50.00 one check</u>    |
|          |                                            | <u>\$65.00 two checks</u>   |
|          |                                            | <u>\$80.00 three checks</u> |
| 11-73(b) | Temporary Operator's license fee           | \$15.00                     |
| 11-73(c) | Provisional Operator's license fee         | \$15.00                     |



## ORDINANCE 2022-XX

### AN ORDINANCE AMENDING THE MUNICIPAL CODE CONCERNING ALCOHOL BEVERAGE LICENSES, POP-UP BREWERY EVENTS AND FEES FOR OPERATOR'S LICENSES

Purpose: To amend the Municipal Code to reflect changes to the Alcohol Beverage laws, set regulations regarding pop-up brewery events, and to adjust the fees for the issuance of Operator's licenses.

Sponsor: Village Clerk-Treasurer Cassandra Suettinger

Recommended Referral: Public Safety Committee

Public Hearing: Not Required

**WHEREAS**, the Village of McFarland adopts state law concerning alcohol beverage licenses and the law has recently changed regarding "Class B" licenses for intoxicating liquors, specifically authorizing the sale of intoxicating liquors for consumption off premises if sold in sealed containers; and

**WHEREAS**, other changes have been enacted to the alcohol beverage laws and the Municipal Code is in need of updating to reflect these changes; and,

**WHEREAS**, the Village Board authorizes the issuance of operator's licenses and sets fees for the same, and the Village Board may require additional background checks during a license period when it deems appropriate; and,

**WHEREAS**, the Village Board finds that amending the Code to reflect these changes to the alcohol beverages laws, to regulate pop-up events by brewers, and to set additional fees for background checks for operator's licenses, is in the public interest.

**NOW, THEREFORE**, the Village Board of the Village of McFarland, does ordain as follows:

**1. Section 11-47 of the McFarland Municipal Code, Classes of license, is amended to read as follows:**

- (a) *Retail "Class A" intoxicating liquor license.* A "Class A" license authorizes the retail sale of intoxicating liquor for the consumption off the premises where sold and in original packages and containers. In addition, the licensee is authorized to provide taste samples of intoxicating liquor and wine consistent with Wis. Stats. §§ 125.06(13) and 125.51(2)(am).

- (b) *Retail "Class B" intoxicating liquor license.* A "Class B" license authorizes the retail sale of intoxicating liquor by the glass and not in the original package or container for consumption on the premises where sold or for consumption off the premises if the licensee seals the container of intoxicating liquor with a tamper-evident seal before the intoxicating liquor is removed from the premises. In addition, the license also authorizes the retail sale of intoxicating liquor in the original package or container, in any quantity, to be consumed off the premises where sold.
- (c) *Retail "Class C" license.* A "Class C" license authorizes the retail sale of wine by the glass or in an opened original container for consumption on the premises where sold.
- (d) *Class "A" fermented malt beverage license.* A Class "A" license authorizes the retail sale of fermented malt beverages for consumption off the premises where sold and in original packages, containers or bottles. In addition, the licensee is authorized to provide taste samples of fermented malt beverages consistent with Wis. Stats. § 125.25(1).
- (e) *Class "B" fermented malt beverage license.* A Class "B" license authorizes the retail sale of fermented malt beverages to be consumed either on the premises where sold or off the premises. The licensee may also sell beverages with less than 0.5 percent of alcohol by volume without obtaining a special license to sell such beverages.

**2. Section 11-48 of the McFarland Municipal Code, Class “B” license, is amended to read as follows:**

- (a) *Issued.* Such license may be issued after July 1. The license shall expire on the following June 30.
- (b) *Application.* Class "B" licenses may be issued to any person qualified under Wis. Stats. § 125.04(5). Such licenses may not be issued to any person acting as agent for or in the employ of another except that this restriction does not apply to a hotel or restaurant which is not a part of or located on the premises of any mercantile establishment, or to a bona fide club, society or lodge that has been in existence for at least six months before the date of application. A Class "B" license for a hotel, restaurant, club, society or lodge may be issued in the name of an officer who shall be personally responsible for compliance with this Article. Except as provided in Wis. Stats. § 125.295, Class "B" licenses may not be issued to brewers or brewpubs. A Class "B" license may not be issued to a person holding a wholesaler's permit issued under Wis. Stats. § 125.28 or to a person who has a direct or indirect ownership interest in a premises operating under a wholesaler's permit issued under Wis. Stats. § 125.28.
- (c) *Hotels.* Notwithstanding Wis. Stats. § 125.04(3)(a)3. and (9), a Class "B" license authorizes a person operating a hotel to furnish a registered guest who has attained the legal drinking age with a selection of fermented malt beverages in the guest's room, which is not part of the Class "B" premises. Fermented malt beverages furnished under this Subsection shall be furnished in original packages or containers and stored in a cabinet, refrigerator or other secure storage place. The cabinet, refrigerator or other secure storage place must be capable of being locked. The cabinet, refrigerator or other secure storage place shall be locked, or the fermented malt beverages shall be removed from the room, when the room is not occupied and when fermented malt beverages are not being furnished under this Subsection.

A key for the lock shall be supplied to a guest who has attained the legal drinking age upon request at registration. The hotel shall prominently display a price list of the fermented malt beverages in the hotel room. Fermented malt beverages may be furnished at the time the guest occupies the room, but for purposes of this Chapter, the sale of fermented malt beverages furnished under this Subsection is considered to occur at the time and place that the guest pays for the fermented malt beverages. Notwithstanding Wis. Stats. § 125.32(3), the guest may pay for the fermented malt beverages at any time if the guest pays in conjunction with checking out of the hotel. An individual who stocks or accepts payment for alcohol beverages under this Subsection shall be the licensee, the agent named in the license if the licensee is a corporation or limited liability company or the holder of a manager's or operator's license or be supervised by one of those individuals.

**3. Section 11-51 of the McFarland Municipal Code, Wholesaler's license, is repealed.**

**4. Section 11-53 of the McFarland Municipal Code, Reserve "Class B" licenses, is amended to read as follows:**

A reserve "Class B" license means a license that is not granted or issued by the Village on December 1, 1997, and that is counted under Wis. Stats. § 125.51(4)(br), which, if granted, authorizes the sale of intoxicating liquor as described under Section 11-47(b).

**5. Section 11-54 (a) of the McFarland Municipal Code, under License fees, is amended to read as follows:**

- (a) *Generally.* The following license fees shall be charged for licenses issued by the Village Board for the sale of intoxicating liquors and fermented malt beverages within the Village. All such fees are payable after approval of the application by the Village Board and prior to the release of the license being delivered to the licensee, except that the fee for a temporary Class "B" fermented malt beverages licenses and temporary "Class B" wine license shall be paid at the time application is submitted.
  - (1) *Class "A" fermented malt beverages license.* The annual fee for this license will be the fee established by the Village Board from time to time and provided in Appendix A to this Code. The fee for a license for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license is issued.
  - (2) *Class "B" fermented malt beverage license.* The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. This license may be issued at any time for six months in any calendar year, for which 50 percent of the applicable license fee shall be paid, but such license shall not be renewable during the calendar year in which issued. The fee for a license for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license issued.

- (3) *Temporary Class "B" fermented malt beverage license.* The fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code, per event.
- (4) *Temporary "Class B" wine license.* The fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code, per event. However, there shall be no fee if the temporary "Class B" license is obtained along with a temporary Class "B" fermented malt beverage license.
- (5) *Retail "Class A" intoxicating liquor license.* The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. This license may be issued at any time for six months in any calendar year, for which 50 percent of the applicable license fee shall be paid, but such license shall not be renewable during the calendar year in which issued. The fee for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license issued.
- (6) *Retail "Class B" intoxicating liquor license.* The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. This license may be issued at any time for six months in any calendar year, for which 50 percent of the applicable license fee shall be paid, but such license shall not be renewable during the calendar year in which issued. The fee for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license issued.
- (7) *Retail "Class C" license.* The annual fee for this license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. This license may be issued at any time for six months in any calendar year, for which 50 percent of the applicable license fee shall be paid, but such license shall not be renewable during the calendar year in which issued. The fee for less than 12 months shall be prorated according to the number of months or fraction thereof for which the license issued.
- (8) *Reserve "Class B" intoxicating liquor license.* The fee for an initial issuance of a reserve "Class B" license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code, except that the fee for the initial issuance of a reserve "Class B" license to a bona fide club or lodge situated and incorporated in the state for at least six years is the fee established by the Village Board from time to time and provided in Appendix A to this Code for such a club or lodge. The annual fee for renewal of a reserve "Class B" license is the fee established by the Village Board from time to time and provided in Appendix A to this Code.
- (9) *"Class B" license for full-service restaurants and hotels.* For those "Class B" licenses issued pursuant to Wis. Stats. § 125.51(4)(v), the initial and annual fee for a "Class B" license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code.

**6. Section 11-73 (a) of the McFarland Municipal Code, under Operator's license fee, is amended to read as follows:**

- (a) *Operator's license.* The fee for an operator's license shall be the fee established by the Village Board from time to time and provided in Appendix A to this Code. The Village Board may charge a higher fee to cover the costs of additional background checks the Board determines to be appropriate during the term of the license.

**7. Section 11-78 of the McFarland Municipal Code is created to read as follows**

**Sec. 11-78. Regulation of Pop-Up Brewery Events.**

- (a) For events open to the public held on private property in which alcohol beverages may be lawfully consumed at the location pursuant to a permitted off-site retail outlet established by a brewer, the following regulations apply to the event and location:
- a. *Closed area.* Alcohol beverages may be distributed and consumed only in an area that is closed or fenced-off from the general public. No person under age 21 may be in the closed or fenced-off area unless accompanied by his or her parent or guardian, or the person is accompanied by his or her spouse who is at least age 21.
  - b. *Identification checks and wrist bands.* All persons entering an area authorized for consumption of alcohol beverages shall be subjected to an identification check verifying the person is at least age 21, and shall wear a wrist band confirming the same. This paragraph does not apply to persons under age 21 accompanied by his or her parent or guardian, or his or her spouse who is at least age 21.
  - c. *Hours of Operation.* Alcohol beverages may only be distributed and consumed between 6:00 a.m. and 9:00 p.m. each day.
  - d. *Server Requirements.* Persons serving alcohol beverages may not have a blood alcohol level above 0.04 g/100mL. At least one server at an event must have completed, within the previous two years, a Responsible Beverage Server training course approved by the Wisconsin Department of Revenue.
  - e. *Information to be provided to Village.* At least 21 days prior to the event, the property owner or lessee shall provide the Village Clerk with details concerning the event, including the specific location and time of the event, proof of completion of a Responsible Beverage Server training course by a server who will serve alcohol beverages at the event, and any other pertinent information requested by the Village Clerk or the Chief of Police. In the interests of public safety, the Chief of Police, or his or her designee, may impose additional reasonable restrictions or requirements for the event.
  - f. *Compliance with other Alcohol Beverage laws and permit requirements.* All other applicable terms under Chapter 125 of the Wisconsin Statutes (Alcohol Beverages) and any applicable permit or license issued under the same, shall be complied with by the property owner, lessee, server and brewer permit holder.
- (b) The property owner, lessee, persons serving alcohol beverages at the event, and brewer permit holder, are responsible for compliance with this Section and any additional

restrictions or requirements made by the Village Clerk or Chief of Police pursuant to this Section.

**8. Appendix A of the McFarland Municipal Code under Alcohol Beverages is amended to reflect the following license fees:**

|                            |                                                                                |             |
|----------------------------|--------------------------------------------------------------------------------|-------------|
| 11-54(a)(1)                | Class "A" fermented malt beverages license (per year)                          | \$200.00    |
| 11-54(a)(2)                | Class "B" fermented malt beverage license (per year)                           | \$100.00    |
| 11-54(a)(3)<br>or 11-49(b) | Temporary class "B" fermented malt beverage license (per event)                | \$10.00     |
| 11-54(a)(4)                | Temporary "class B" wine license (per event)                                   | \$10.00     |
| 11-54(a)(5)                | "Class A" intoxicating liquor license (per year)                               | \$500.00    |
| 11-54(a)(6)                | "Class B" intoxicating liquor license (per year)                               | \$500.00    |
| 11-54(a)(7)                | "Class C" wine license (per year)                                              | \$100.00    |
| 11-54(a)(8)                | Reserve "Class B" intoxicating liquor license                                  |             |
|                            | Fee for initial issuance                                                       | \$10,000.00 |
|                            | Renewal fee:                                                                   | \$500.00    |
| 11-54(a)(9)                | "Class B" license issued pursuant to Wis. Stat. § 125.51(4)(v)                 |             |
|                            | Fee for initial issuance                                                       | \$10,000.00 |
|                            | Renewal fee:                                                                   | \$500.00    |
| 11-61(a)                   | License Transfer fee                                                           | \$10.00     |
| 11-61(b)                   | Change of agent fee                                                            | \$10.00     |
| 11-69(d)                   | Outdoor sports activities with "Class B" Licenses event application review fee | \$50.00     |
| 11-73(a)                   | Operator's license fee                                                         |             |
|                            | If no additional background checks                                             |             |



|          |                                                                    |                                                                 |
|----------|--------------------------------------------------------------------|-----------------------------------------------------------------|
|          | are required during license period                                 | \$35.00                                                         |
|          | If additional background checks are required during license period | \$50.00 one check<br>\$65.00 two checks<br>\$80.00 three checks |
| 11-73(b) | Temporary Operator's license fee                                   | \$15.00                                                         |
| 11-73(c) | Provisional Operator's license fee                                 | \$15.00                                                         |

All other fees in Appendix A not modified by this section remain the same. The fee for Wholesaler's license under Alcohol Beverage fees is repealed.

The above and foregoing Ordinance was duly adopted at a regular meeting of the McFarland Village Board on the \_\_\_\_ day of \_\_\_\_\_, 2022.

APPROVED:

\_\_\_\_\_  
Carolyn Clow, Village President

ATTEST:

\_\_\_\_\_  
Cassandra Suettinger, Village Clerk-Treasurer

| ORDINANCE 2022 –         |             |
|--------------------------|-------------|
| MOTION                   | SECOND      |
|                          |             |
| ACTION                   | DATE        |
| Adopted                  |             |
| Referred                 |             |
| Tabled                   |             |
| Withdrawn                |             |
| Defeated                 |             |
| Published                |             |
| INDIVIDUAL VOTING RECORD |             |
| Clow -                   | Wreh -      |
| Brassington -            | Flaherty -  |
| Nelson -                 | St. Clair - |
| Rupert -                 |             |
| VOTING RESULTS           |             |
| Motion Carried           |             |
| Motion Defeated:         |             |



**McFarland**  
**SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Administration

**CONTACT:** Matt Schuenke, Village Administrator

**AGENDA ITEM:** Discussion and action regarding the development of a Memorandum of Understanding to formally create and establish the ongoing utilization of the "Joint School/Village Committee".

**PREVIOUS ACTION:**

The Joint Planning Committee reviewed this concept at their meeting on January 4, 2022 and supportive of the MOU at their meeting on March 1, 2022 in order to have it considered by both boards for adoption.

**ISSUE SUMMARY:**

Included within your packet is a Memorandum of Understanding (MOU) to formally create the McFarland School Board and Village Board Joint Planning Committee. As discussed at our last meeting, historically this group has met informally as needed since the 1990's. The intent of the MOU is provide better background on how this group is established and what their role is to connect our two organizations for the benefit of the Community in which we serve. Village Staff prepared the MOU and shared with District Staff in which both were in support of the language as proposed. Subsequent review by the Joint Planning Committee also showed their support for the MOU.

Operations for this group will typically follow this process:

- There is a concept or idea for collaboration.
- We talk about this idea within a Joint Planning Committee meeting.
- Staff is assigned to work on the idea as is needed.
- Joint Planning Committee reviews the idea to consider its merits and whether to move forward.
- Assuming the idea should move forward, then the Committee moves the issue to their respective boards.

This is a pretty informal description that can be applied to issues big and small as they come up. It also allows for the Committee to work on issues before the Boards need to take action, which is the whole idea on creating the Committee. The work of the Committee also doesn't bind action on anyone, the Boards do that but they do it at the end of the process once the work has been completed.



Meetings are already established for 2022 to essentially meet in the odd numbered months on the first Tuesday at 4:00 pm. This can change as needed, but is meant to provide for a regular interaction even in the absence of ideas for collaboration.

**FINANCIAL/BUDGET IMPACT:**

None.

**VILLAGE PLAN REFERENCE:**

None.

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

*Recommended Action:*

Motion, second to approve the Memorandum of Understanding to formally create and establish the ongoing utilization of the "joint School/Village Committee".

**ATTACHMENTS:**

1. MCF District-Village Joint Committee MOU 01262022 mgs

## **MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding ("MOU") is entered into by and among the School District of McFarland, a common school district organized under the laws of the State of Wisconsin located in Dane County, Wisconsin, and whose address is 5101 Farwell Street, McFarland, Wisconsin ("District") and the Village of McFarland, a municipal corporation located in Dane County, Wisconsin, and whose address is 5915 Milwaukee Street, McFarland, Wisconsin ("Village"). The parties may be referred to herein collectively as the "Parties."

**WHEREAS**, the District provides public education services in grades 4K through 12 within its own unique boundary that overlaps with the Village;

**WHEREAS**, the Village provides municipal services to residents, businesses, and general public within its own unique boundary that overlaps with the District;

**WHEREAS**, the District and Village have recognized the importance of collaboration between each entity for the benefit of the Community each represents;

**WHEREAS**, since 1995 the District and Village have been meeting informally as the McFarland School Board and Village Board Joint Planning Committee ("Joint Committee") bringing together a small group from each board to discuss issues of mutual concern;

**WHEREAS**, the Joint Committee has aided both organizations and the Community to help better plan out referendum projects, land transactions, shared services, and other opportunities to work together; and

**WHEREAS**, the District and the Village wish to establish this group in a shared approval through this MOU to formally cement its ongoing operations into the future.

**NOW, THEREFORE,** in consideration of the mutual promises of the parties herein set forth, it is understood and agreed as follows:

1. The District shall appoint annually two members and one alternate from its governing board to serve on the Joint Committee. Additionally, the District Administrator, or designee, shall also serve on the Joint Committee.
2. The Village shall appoint annually two members and one alternate from its governing board to serve on the Joint Committee. Additionally, the Village Administrator, or designee, shall also serve on the Joint Committee.
3. The essential functions of the Joint Committee shall be as follows:
  - a. Partnership on communication with applicable constituents;
  - b. Evaluate opportunities for shared service delivery;
  - c. Collaborate on joint initiatives and programs; and
  - d. Provide recommendation on all other areas of mutual concern and interest.
4. Annually by January 1, both the District and Village Administrators will outline a tentative schedule for meetings based on the objectives set by the Joint Committee.
5. The Joint Committee shall comply with the standards set forth within Wisconsin Open Meetings Law.
6. The Joint Committee shall have no authority to take unilateral action for either the District, Village, or both entities. The Joint Committee serves in an advisory capacity in order to make recommendations on issues it discusses for final action to be considered by the respective School Board and/or Village Board as applicable.
7. No amendment or modification of this MOU shall be effective unless it is in writing and signed by the authorized agents of the parties.
8. Either party at their sole discretion may opt out of this MOU with a 30 day written notice provided to the other entity.
9. The MOU shall be governed by and construed in accordance with the laws of the State of Wisconsin.

(signatures on following page)

In witness whereof, the parties hereto have set their hands as of the\_\_\_\_ day of \_\_\_\_\_, 2022.

**SCHOOL DISTRICT OF MCFARLAND**

By: \_\_\_\_\_  
Craig Howery, President

By: \_\_\_\_\_  
Christine Pribbenow, Clerk

**VILLAGE OF MCFARLAND**

By: \_\_\_\_\_  
Carolyn A. Clow, President

By: \_\_\_\_\_  
Cassandra Suettinger, Clerk



**VILLAGE OF  
McFarland  
SUMMARY SHEET**

**MEETING DATE:** Monday, March 14, 2022

**SECTION:** Business

**DEPARTMENT:** Administration

**CONTACT:** Matt Schuenke, Village Administrator

**AGENDA ITEM:** Discussion and action regarding Resolution #2022-08: a resolution to create an affordable housing fund and commit funds to support affordable housing projects.

**PREVIOUS ACTION:**

The Village Board took action at their meeting on November 4, 2021 to direct Staff to bring back for discussion and creation of a new fund for Affordable Housing in 2022. Motion was passed unanimously.

**ISSUE SUMMARY:**

Included within your packet is a resolution to create Affordable Housing Fund #215 as a special revenue fund. According to the State established chart of accounts, "public housing" funds are to be created as special revenue funds within the 200 series coding. Adopting the resolution is the board's action to create the fund and direction to Staff to build its existence within the financial accounting system. Additionally, this resolution authorizes the transfer of \$75,000 into the fund from the General Fund using unassigned fund balance for that transfer. This is consistent with the 2022 Budget change request made by Trustee St. Clair for this purpose.

This does not address how the money is spent now that it has been allocated. As part of this action, the Village Board should delegate the creation of a draft policy to expend these funds to the Finance Committee. Our Fiscal Policies are created to address these kinds of things (i.e. Chapter 7 Park Impact Fees) and Staff working with the Committee can work on a policy that outlines how these funds are expended. Our objective will be to complete this work before the end of the year as we start utilizing the new meeting system beginning in May.

There are two affordable housing projects recently implemented and no new projects presently proposed. Adopting the resolution and transferring the money allows the basics to be put in place while we work on the remaining details to expend the funds. Plenty of time to work those issues out given no projects are anticipated to come forward for this purpose at this time.

**FINANCIAL/BUDGET IMPACT:**

At the end of 2020, the Village had \$3,007,862 in total Fund Balance within the General Fund of which \$2,406,928 was unassigned. The requested transfer of \$75,000 represents 3% of that amount and would leave the balance of the reserves within the General Fund still within above average levels.





**VILLAGE PLAN REFERENCE:**

[Fiscal Policy Manual](#)

**ORDINANCE REFERENCE:**

None.

**BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:**

Recommended Action:

*Motion, second to adopt Resolution #2022-08, a resolution to create an affordable housing fund and commit funds to support affordable housing projects.*

**ATTACHMENTS:**

1. 2022-08 Resolution Creating Affordable Housing Fund

## RESOLUTION 2022-08

### A RESOLUTION TO CREATE AN AFFORDABLE HOUSING FUND AND COMMIT FUNDS TO SUPPORT AFFORDABLE HOUSING PROJECTS

**WHEREAS**, the inclusion of affordable housing within the Community provides for a healthy local economy by offering a diverse array of options to individuals and families that otherwise could not afford to live here; that the Village recognizes the value in being a partner to support and incentivize affordable housing projects within the Community;

**WHEREAS**, the Village recognizes the value in being a partner to support and incentivize affordable housing projects within the Community to create these opportunities for economic growth; and

**WHEREAS**, the creation of an affordable housing fund can establish parameters by which the Village will be proactive to incentivize opportunities for affordable housing for the benefit of all residents.

**NOW, THEREFORE, BE IT RESOLVED**, that the Village Board of the Village of McFarland does hereby create an Affordable Housing Fund (215) as a special revenue fund, and

**BE IT FURTHER RESOLVED**, that the Village Board authorizes a transfer to the new Affordable Housing Fund in the amount of \$75,000 from unassigned fund balance within the General Fund (100).

Adopted at a regular meeting of the Village Board this 14<sup>th</sup> day of March, 2022.

APPROVED:

\_\_\_\_\_  
Carolyn A. Clow, Village President

ATTEST:

\_\_\_\_\_  
Cassandra Suettinger, Clerk-Treasurer

| RESOLUTION # 2022-08     |            |
|--------------------------|------------|
| MOTION                   | SECOND     |
|                          |            |
| ACTION                   | DATE       |
| Adopted                  |            |
| Referred                 |            |
| Tabled                   |            |
| Withdrawn                |            |
| Defeated                 |            |
| Published                |            |
| INDIVIDUAL VOTING RECORD |            |
| Brassington-             | St. Clair- |
| Clow-                    | Nelson-    |
| Flaherty-                | Wreh-      |
| Rupert-                  |            |
| VOTING RESULTS           |            |
| Motion Carried           |            |
| Motion Defeated:         |            |