

**Public Works Committee
Public Utilities Committee
Joint Meeting**

Monday, August 10, 2020

6:00 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/84108888284>

Or by Telephone: (312) 626-6799

Webinar ID: 841 0888 8284

1. CALL TO ORDER, ROLL CALL.
2. PUBLIC APPEARANCES.
 - a. This is an opportunity for members of the public to address the committee. 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 to be included as part of the meeting.
3. BUSINESS.
 - a. Discussion and action to make a recommendation to the Village Board regarding the addition of water main replacement on N. Autumn Lane to the 2020 Street and Utility Improvement project(s) and authorizing related change order.
4. 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.



VILLAGE BOARD SUMMARY SHEET

MEETING DATE: Monday, August 10, 2020

SECTION: Business

DEPARTMENT: Public Works

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

AGENDA ITEM: Discussion and action to make a recommendation to the Village Board regarding the addition of water main replacement on N. Autumn Lane to the 2020 Street and Utility Improvement project(s) and authorizing related change order.

PREVIOUS ACTION:

A joint meeting was held on March 10, 2020 to recommend approval to the Village Board on the contract for the 2020 Street and Utility Improvement project(s).

The Village Board accepted this recommendation at their meeting on March 23, 2020.

ISSUE SUMMARY:

As part of the 2020 street reconstruction program, North Autumn Lane was scheduled for curb repairs, hydrant replacements and new pavement. The intention in this area was to get another 20 years out of the roadway and utilities before a full replacement of everything is needed. This work began in June and within the middle of July we began to experience water main breaks on N. Autumn Lane. There was no underground work being done at the time other than some spot curb/gutter repair at the surface. It is unusual to receive a main break in the Summer, and even more unusual when they happen close together. We were about to begin paving which caused us to pause to consider whether this pipe was in good of shape as originally thought.

This area is included within the 5th and 6th plat for the Autumn Grove Subdivision, which were filed in 1971 and 1972 respectively. Construction of public improvement including the water main would have commenced shortly there after. The pipe extracted seemed to demonstrate that it had become stressed and worn out. This is cast-iron pipe on this road which is not used today, but with it having been installed in the 1970's the useful life of such a thing is about 75 to 100 years. So in theory then, we are 50 years into the use of the pipe and have another 25 years to go. Which is why paving only was suggested as in 25 years we might ready for a full reconstruction and replacement at that time. Having two failures, combined with the proximity of the breaks (both time and location), and seeing the condition of the pipe upon excavation caused the Village Engineer concern.



We have three options to consider...1) repave the road as planned; 2) defer repaving to the future after water main replacement is scheduled; and 3) add water main to this year's work and repave the road. Option #1 is too risky at this point in Staff's opinion and even in Option #2 we have to address the pipe before we repave the road. Option #3 is possible this year yet and still complete the paving, but of course comes with added cost.

Enclosed is a proposal from G-Pro Excavating LLC to utilize our existing contract to expand needed quantities to pick up this work and a change order for the items not included in the original contract. We are replacing water main on Burma Road through this same contract, and essentially we are just mirroring this work now on N. Autumn Lane through this proposal. The plan for reconstruction is included as well.

FINANCIAL/BUDGET IMPACT:

The proposal by G-Pro Excavating to add the replacement to the existing 2020 Street and Utility Improvement project is an estimated amount of \$308,022.58. Town & Country Engineering estimates that if the project is delayed to a future year there will be cost implications due to normal construction inflation pricing. The additional work will be funded via a capital allocation within the Water Utility.

VILLAGE PLAN REFERENCE:

None.

ORDINANCE REFERENCE:

None.

BOARD, COMMISSION OR COMMITTEE RECOMMENDATION:

Recommendation by staff for the replacement of the existing water main along North Autumn Lane during 2020 before surfacing occurs.

ATTACHMENTS:

1. Summary Ltr- North Autumn Water Main
2. N Autumn Water Main Proposal
3. MC 158 NORTH AUTUMN LANE

August 5, 2020

Village of McFarland
5915 Milwaukee Street
McFarland, WI 53558

Attention: Mr. Matthew Schuenke, Village Administrator

Subject: Project Costs for North Autumn Lane Water Main Replacement; 2020 Street & Utility Improvements; Village of McFarland

Ladies and Gentlemen:

The purpose of this letter is to summarize and present the project costs for the installation of water main on Autumn Lane and North Autumn Lane from Timber Lane to Rusting Oaks Lane. Attached to this letter is a map of the project limits. This involves the replacement of approximately 1,600 lineal feet of existing 8 inch cast and ductile iron water main with new 8 inch ductile iron water main.

One option under consideration is to utilize the Village's current contract with G-Pro Excavating for the 2020 Street and Utility Improvements project to replace the water main. This contractor has indicated that they are interested in doing the work and would be able to complete the additional scope this year. They have provided a cost proposal which is attached as the "Additional Work Cost Summary Sheet". This sheet provides an accounting of the total additional cost that would be anticipated to be incurred on the existing contract as a result of this added scope. The anticipated total additional cost to the project is \$308,022.58.

If the Village were to pursue adding the work to the 2020 Street and Utility Improvements, the attached draft change order would be finalized and executed. The costs not accounted for in the change order would be incurred as quantity overruns on existing contract items. G-Pro Excavating would provide written agreement to maintain their existing contract item pricing where applicable. Additionally, the completion date for the 2020 Street and Utility Improvements project would be changed from September 15, 2020 to October 15, 2020.

It would be possible to delay the replacement of water main within this project extent to a future year. A delay would have a couple of cost implications. Curb and gutter replacements and water main repairs within this project extent have resulted in several areas of missing pavement. These areas could be temporarily patched at a cost of approximately \$5,000-\$7,000.

Additionally, construction in a future year would be likely to result in an increase of bid pricing for all items due to normal construction pricing inflation. The bid items for asphalt are likely to significantly exceed the normal construction inflation pricing. The current contract asphalt items represent a recent historic pricing low and recent bidding trends indicate a potential pricing increase of 20-30% for next year's asphalt pricing. An increase of this magnitude would result in an additional pavement cost for this project area of approximately \$20,000 - \$30,000.

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.

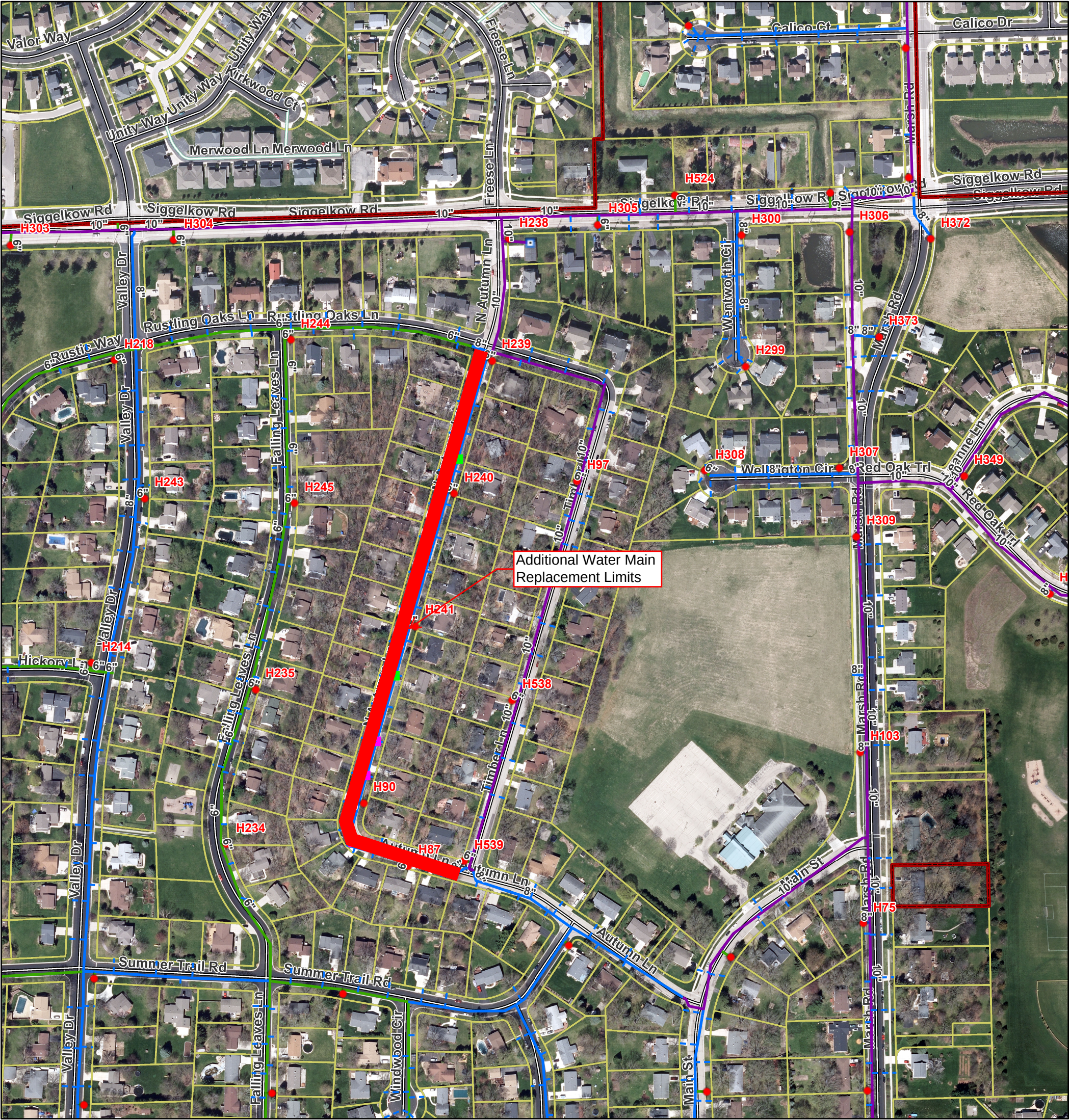
A handwritten signature in black ink, appearing to read 'Tim Stieve', is positioned above the printed name.

Tim Stieve, P.E., ENV-SP
Project Engineer

TJS:sai

J:\JOB#S\McFarland\MC-158-M4 2020 Street and Utility Improvements\Construction\N Autumn\Summary Ltr- North Autumn Water Main.docx

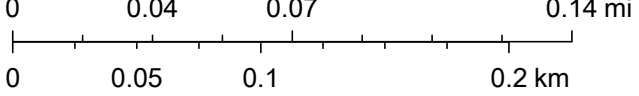
Village of McFarland



7/22/2020, 9:18:46 AM

1:4,162

- | | | |
|----------------------|--------------------|--------------------|
| Hydrants | 12" | State Highway |
| Water System Devices | Municipalities | County Highway |
| Well | City | Local Road |
| Water Laterals | Village | Restricted Access |
| Water Mains | Town | Ramp |
| 6" | Road Centerlines | Named Private Road |
| 8" | Interstate Highway | Parcels |
| 10" | US Highway | |



NA

Additional Work Cost Summary Sheet
Replacement of Water Main on Autumn and North Autumn Lane
Timber Lane to Rustling Oaks Lane

Project: 2020 Street and Utility Improvements
Engineer's Project Number: MC 158

ITEM NO.	DESCRIPTION OF WORK	PLAN		G-Pro Excavating LLC	
		QUANT.	UNITS	UNIT PRICE	AMOUNT
Utility Work					
1.	8" D.I. Water Main	1,626	lin. ft.	\$ 104.00	\$ 169,062.40
2.	6" D.I. Water Main & Hydrant Leads	88	lin. ft.	\$ 95.00	\$ 8,360.00
3.	8" Gate Valves and Boxes	5	each	\$ 1,900.00	\$ 9,500.00
4.	Salvage 8" Gate Vales and Boxes	2	each	\$ 450.00	\$ 900.00
5.	1" Corporation Stops	31	each	\$ 350.00	\$ 10,850.00
6.	1" Curb Stops	31	each	\$ 550.00	\$ 17,050.00
7.	1" Copper Water Service Laterals	994	lineal ft.	\$ 56.00	\$ 55,637.68
8.	Water Service Lateral Reconnections	31	each	\$ 380.00	\$ 11,780.00
9.	Existing Main Reconnections	2	each	\$ 2,300.00	\$ 4,600.00
Street Work					
10.	Remove and Replace 30" Concrete Curb & Gutter (< 50-foot sections)	310	lineal ft.	\$ 37.00	\$ 11,470.00
11.	Restoration	775	SY	\$ 7.50	\$ 5,812.50
12.	Additional Mobilizations (Milling, Paving, Concrete)	1	LUMP SUM	\$ 3,000.00	\$ 3,000.00
	TOTAL ADDITIONAL COST TO PROJECT				\$ 308,022.58

Date of Issuance: X	Effective Date: X
Owner: Village of McFarland	Engineer's Project No.: MC 158
Contractor: G-Pro Excavating, LLC	
Engineer: Town & Country Engineering, Inc.	
Project: 2020 Street and Utility Improvements	

The Contract is modified as follows upon execution of this Change Order:

This change order is to provide for the additional contract items necessary to expand the original project scope to include the replacement of water main on Autumn Lane and North Autumn Lane from Timber Lane to Rustling Oaks Lane.

Description:	Quant.	Unit	Unit Price	Amount
CO3.1 8" D.I. Water Main	1626	lin. Ft.	\$104.00	\$169,104.00
CO3.2 Salvage 8" Gate Valves and Boxes	2	each	\$450.00	\$900.00
CO3.3 Additional Mobilizations (Milling, Paving, Concrete)	1	lump sum	\$3,000.00	\$3,000.00

TOTAL CHANGE ORDER

\$173,004.00

Attachments: none

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$833,218.83	Original Contract Times: Substantial Completion: September 15, 2020 Ready for Final Payment: September 15, 2020 days or dates
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : \$11,698.00	[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>2</u> : Substantial Completion: 0 Ready for Final Payment: 0 days
Contract Price prior to this Change Order: \$844,916.83	Contract Times prior to this Change Order: Substantial Completion: September 15, 2020 Ready for Final Payment: September 15, 2020 days or dates
[Increase] [Decrease] of this Change Order: \$173,004.00	[Increase] [Decrease] of this Change Order: Substantial Completion: 30 Ready for Final Payment: 30 days or dates
Contract Price incorporating this Change Order: \$1,017,920.83	Contract Times with all approved Change Orders: Substantial Completion: October 15, 2020 Ready for Final Payment: October 15, 2020 days or dates

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: _____
Engineer (Authorized Sign.)
Title: Project Engineer
Date: _____

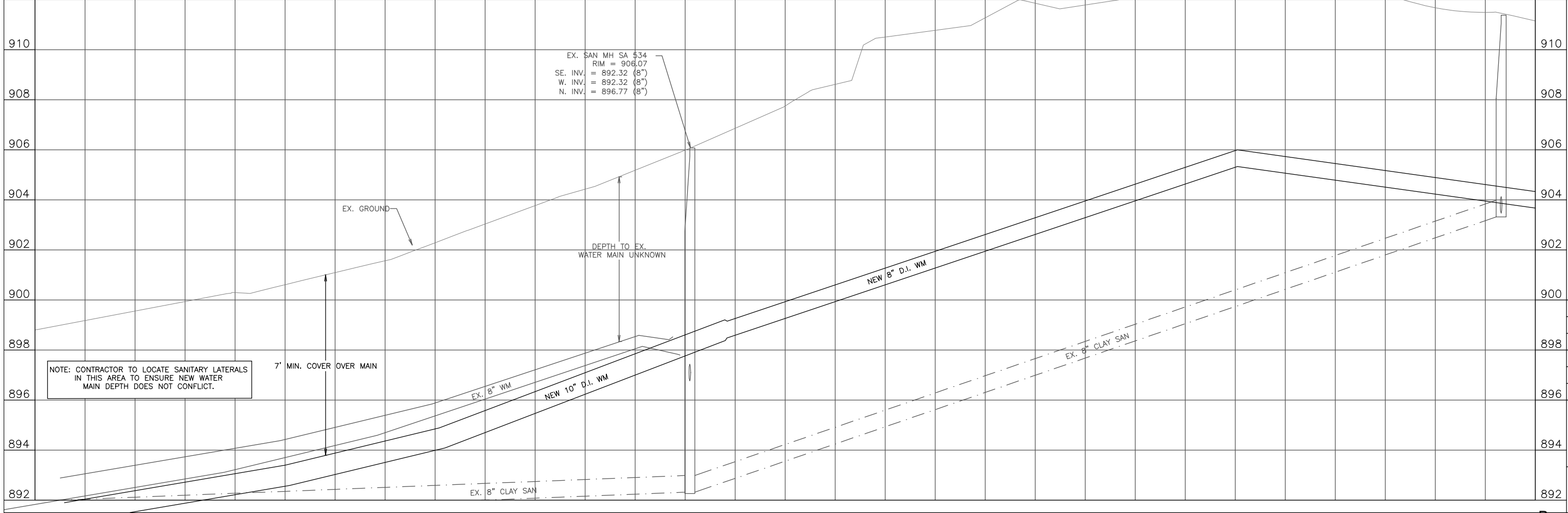
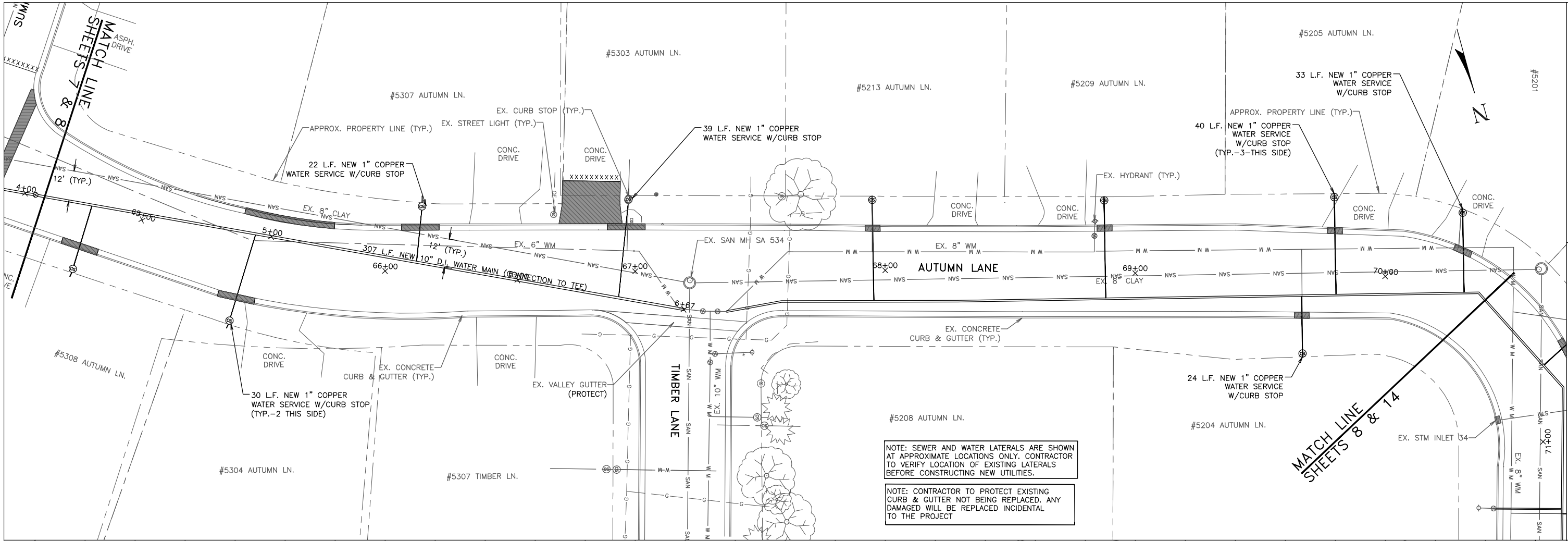
By: _____
Owner (Authorized Sign.)
Title: _____
Date: _____

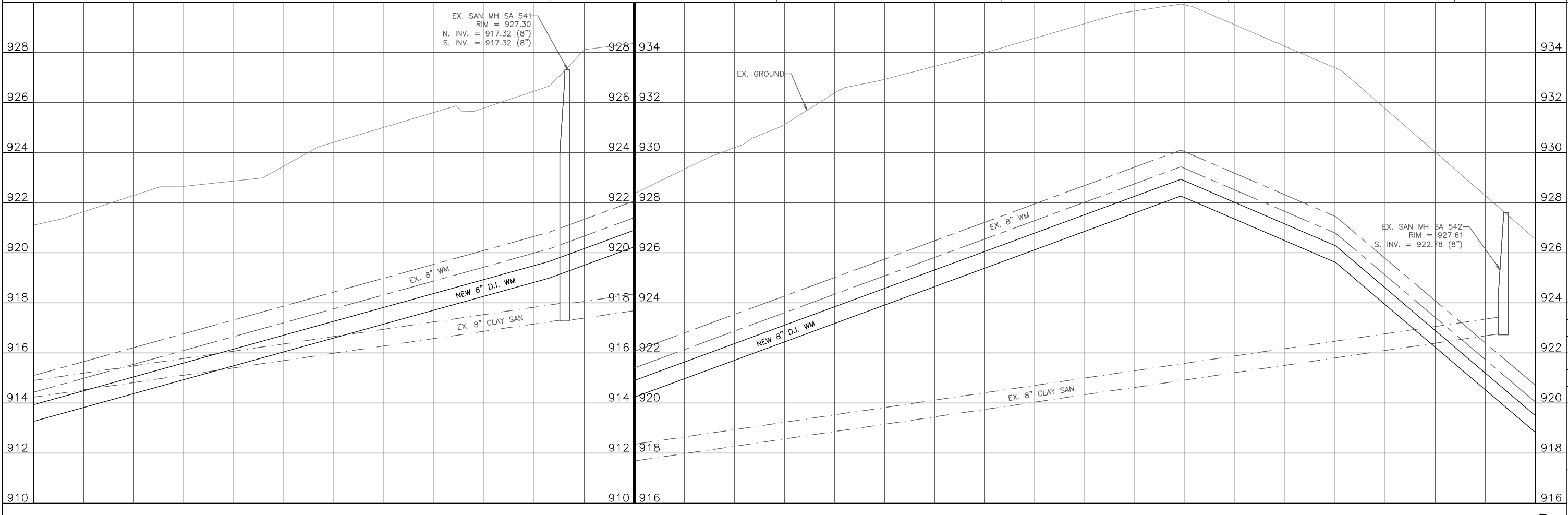
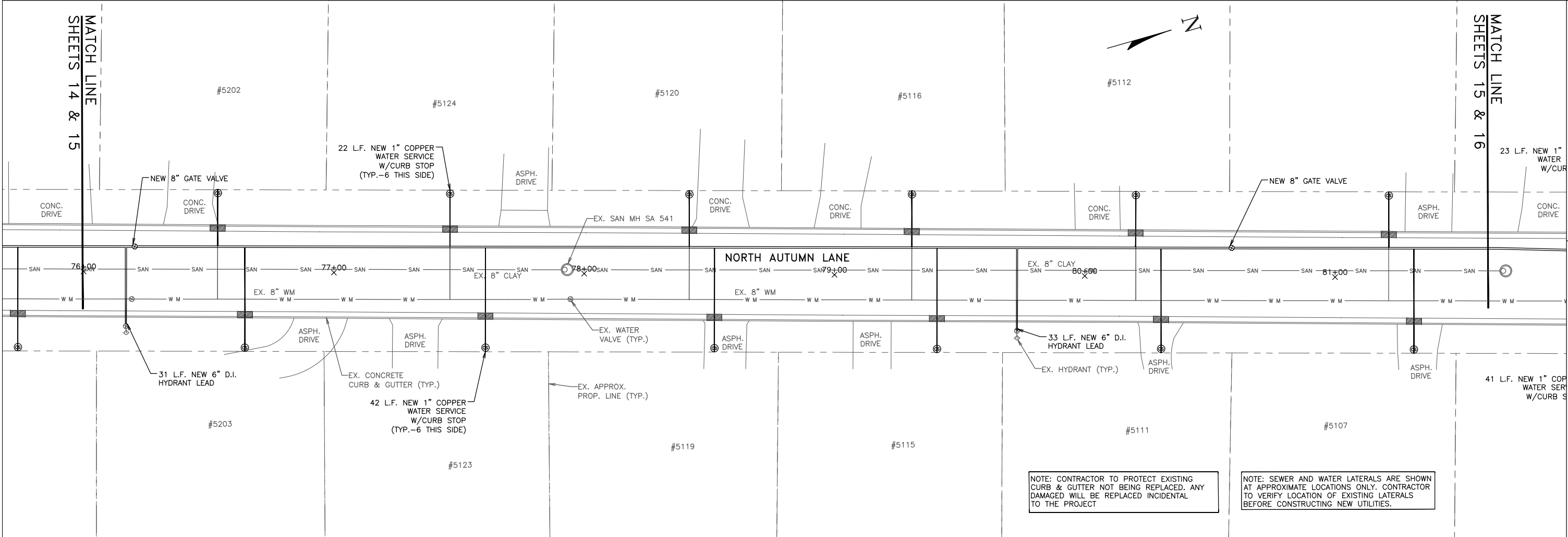
By: _____
Contractor (Authorized Sign.)
Title: _____
Date: _____

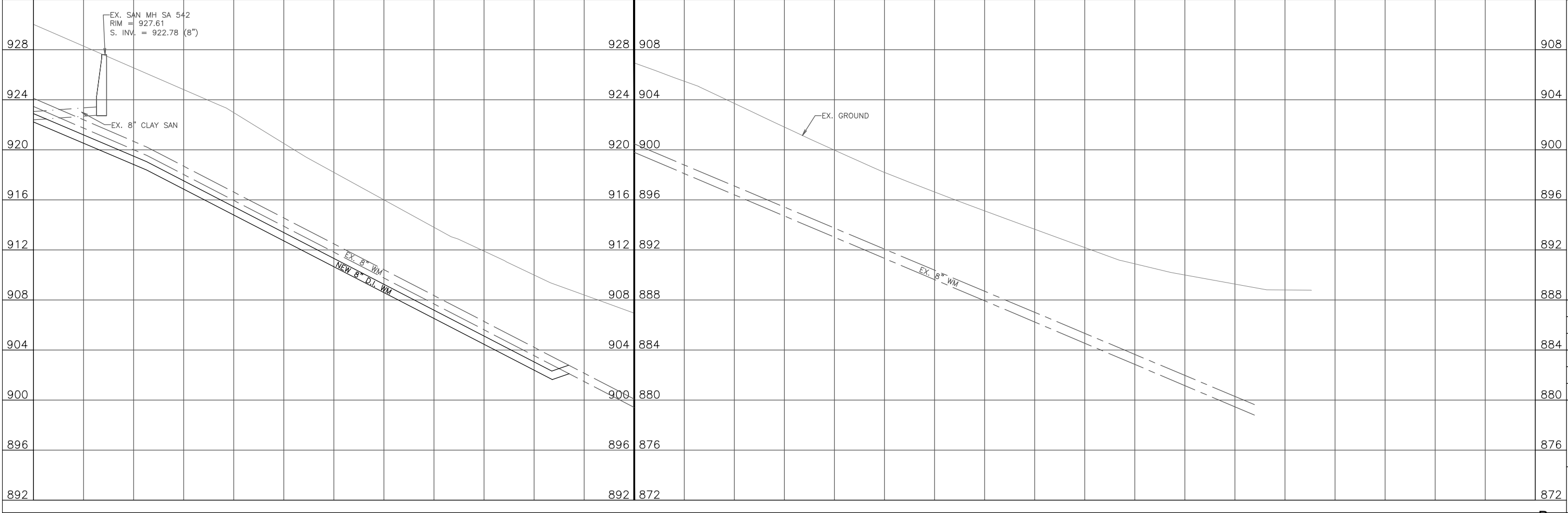
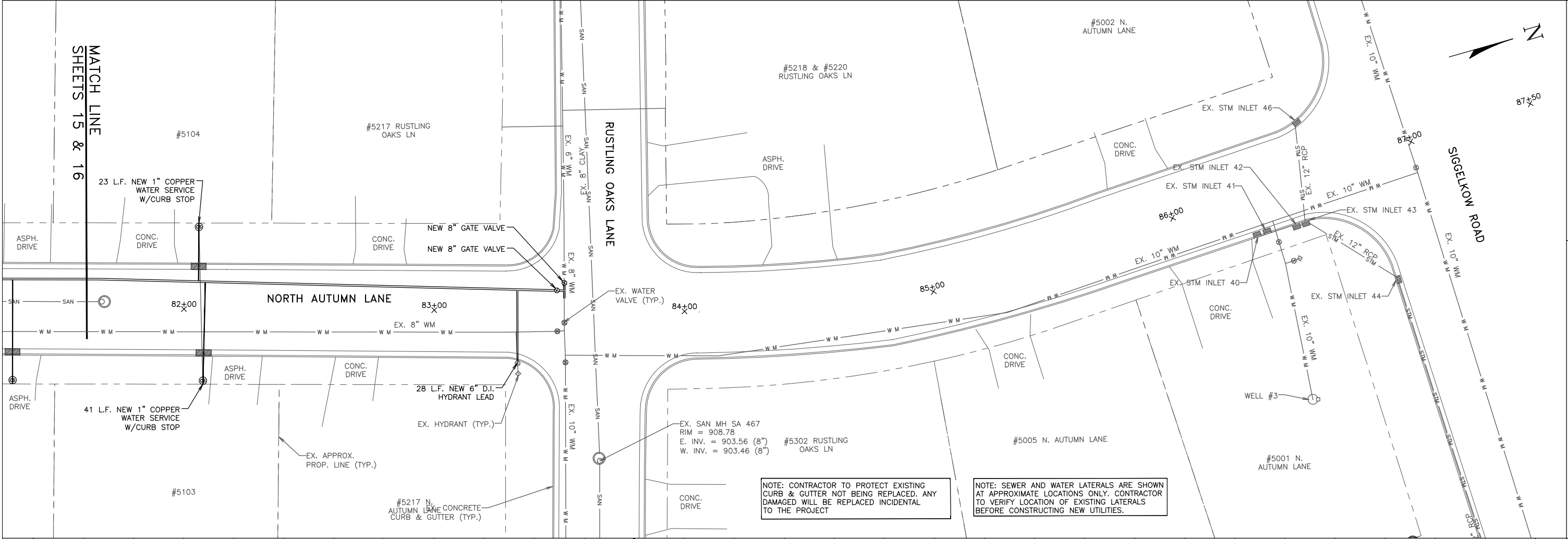
Additional Work Cost Summary Sheet
Replacement of Water Main on Autumn and North Autumn Lane
Timber Lane to Rustling Oaks Lane

Project: 2020 Street and Utility Improvements
Engineer's Project Number: MC 158

ITEM NO.	DESCRIPTION OF WORK	PLAN		G-Pro Excavating LLC	
		QUANT.	UNITS	UNIT PRICE	AMOUNT
Utility Work					
1.	8" D.I. Water Main	1,626	lin. ft.	\$ 104.00	\$ 169,062.40
2.	6" D.I. Water Main & Hydrant Leads	88	lin. ft.	\$ 95.00	\$ 8,360.00
3.	8" Gate Valves and Boxes	5	each	\$ 1,900.00	\$ 9,500.00
4.	Salvage 8" Gate Vales and Boxes	2	each	\$ 450.00	\$ 900.00
5.	1" Corporation Stops	31	each	\$ 350.00	\$ 10,850.00
6.	1" Curb Stops	31	each	\$ 550.00	\$ 17,050.00
7.	1" Copper Water Service Laterals	994	lineal ft.	\$ 56.00	\$ 55,637.68
8.	Water Service Lateral Reconnections	31	each	\$ 380.00	\$ 11,780.00
9.	Existing Main Reconnections	2	each	\$ 2,300.00	\$ 4,600.00
Street Work					
10.	Remove and Replace 30" Concrete Curb & Gutter (< 50-foot sections)	310	lineal ft.	\$ 37.00	\$ 11,470.00
11.	Restoration	775	SY	\$ 7.50	\$ 5,812.50
12.	Additional Mobilizations (Milling, Paving, Concrete)	1	LUMP SUM	\$ 3,000.00	\$ 3,000.00
	TOTAL ADDITIONAL COST TO PROJECT				\$ 308,022.58







tc

TOWN & COUNTRY
ENGINEERING, INC.

Station 81+40 To 87+40

Village of McFarland, Wisconsin

PROJECT NO.:
MC 158

DRAWING FILE:
MC 158 AUTUMN LANE
SHEETS.DWG

DRAWN BY:
M.J.M.

CHECKED BY:
T.J.S.

DATE:
7-27-20

REVISIONS:

SCALE: HORIZONTAL
0 5 10 20

VERTICAL
2 4

SHEET: