

**PUBLIC WORKS
COMMITTEE**

Tuesday, July 10, 2018

6:00 PM

McFarland Municipal Center
Conference Room A

AGENDA

1. CALL TO ORDER, ROLL CALL.
2. PUBLIC APPEARANCES.
3. APPROVAL OF MINUTES.
 - a. Approval of May 8, 2018 Public Works Minutes
4. BUSINESS.
 - a. Discussion and recommendation to Village Board to install a sidewalk / path along one side of Ridge Road from Larson Beach to Valley.
 - b. Project updates throughout the Village.
 - Siggelkow Road
 - CTH MN
 - Water Main Projects
 - Street Maintenance (Crack Fill / Seal Coat)
 - Street Paving
 - Parking Lots
5. SCHEDULE NEXT MEETING DATE.
 - a. August 14, 2018 at 6:00 pm
6. 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.

PUBLIC WORKS COMMITTEE MEETING

Tuesday, May 8, 2018

6:00 P.M.

McFarland Municipal Center
Conference Room A

Minutes

1. **Call the Public Works Meeting to Order.**

Carolyn Clow called the PW Committee meeting to order at 6:00

Members Present: Carolyn Clow (Chair Person), Jerry Adrian, Chris Fredrick, Richard Vela, and Don Miller.

Member Absent: Elizabeth Bohuski.

Others Present: Village Administrator Matt Schuenke, Public Works Director Allan Coville and Village Engineer Brian Berquist (Town and country Engineering).

2. **Public Comments.**

None

3. **Review and possible action on the draft minutes of the joint Public Works / Public Utilities meeting held March 20, 2018.**

Jerry Adrian made a motion to pass the minutes associated with the Public Works Committee items and Rich Vela seconded. Motion passed by unanimous consent.

4. **Business.**

a. **Discussion and action to make a recommendation to the Village Board regarding decorative street lighting proposals from Alliant Energy.**

Administrator Matt Schuenke gave a background update regarding the request to install decorative street lighting along the west end of the Farwell Street project and by the Municipal Center and Library. (The Community Development Authority (CDA) had previously reviewed and recommended decorative street lights be placed in these two areas.) The decorative lights could either be bought or leased through Alliant Energy or bought through an outside contractor. The Committee was in favor of the decorative lights but did not have enough information to make a final decision so they passed the final decision to install these lights to the Village Board.

b. McDaniel Park project update.

Village Engineer Berquist and Director Coville updated the Committee on the progress of the McDaniel Park Project. The subbase to the parking lot has been installed, pervious pavers have been installed next to the shelter, concrete sidewalks have been installed around the parking lot, a new kiosk has been erected, a new L.E.D. light has been installed over the bike repair station and a new drinking fountain has been installed. Paving of the parking lot is scheduled for the week of May 14th.

c. Siggelkow Road project update.

Village Engineer Berquist and Director Coville updated the Committee on the progress of the Siggelkow Road Project. Damaged concrete curb and gutter has been replaced along the project as needed. Water valve box tops have been replaced. Concrete ramps have been replaced as identified. Pulverizing the black top is scheduled to start the week of May 14th. East bound lanes will be pulverized first, followed by the west bound lanes. Paving will take place shortly thereafter.

d. Discovery Garden project update.

Village Engineer Berquist and Director Coville updated the Committee on the progress of the Discovery Garden Project. All old playground equipment has been removed and is being stored at the Public Works facility until it can be repurposed. Vegetation has been removed and new subbase material has been installed. Concrete curb has been placed and a block planter box has been erected. Additional concrete pads will be installed for placement of picnic tables and new play equipment is scheduled to be installed during the week of May 14th. The project is scheduled to be completed by June 1st.

e. Street maintenance project update.

Village Engineer Berquist and Director Coville updated the Committee on the progress of the street maintenance projects. Water main replacement on Schneider, Lani and Spartan Drive is scheduled to commence the week of May 7th. The work will start on Schneider and go to Lani to be followed by Spartan Drive. All work should be completed by July. The remaining street paving and street crack filling/chip sealing is scheduled to start mid-June and be complete by the end of August.

f. Public Works Open House update.

The Public Works Department will have an Open House for the public on Saturday May 19th. Everyone is invited. Equipment will be on display along with models showing the public how the Village's water system works. Cookies and punch will be available for all attendees.

6. Next Meeting Date and Time.

- a. June 12, 6:00 pm

7. Adjournment

Motion by Fredrick to adjourn at 7:00 pm seconded by Vela. Motion passed by unanimous consent.



1	0 10 20	SCALE
PROJECT NO.	2018-001	
PROJECT NAME	2018 STREET IMPROVEMENTS	
CLIENT	VILLAGE OF MCFARLAND	
DATE	7-1-18	
BY	B.B.B.	
CHECKED		
APPROVED		

2018 STREET IMPROVEMENTS
Ridge Road
Village of McFarland, Wisconsin

BIKE PATH EXTENSION
RIDGE ROAD
SOUTHERN PATH OPTION

tc TOWN & COUNTRY
ENGINEERING, INC.

2612 Markley Drive
Suite 102
Madison, WI 53719
(608) 273-3350
www.tceengineering.net

STREET IMPROVEMENTS COST ESTIMATE

CLIENT NAME:
PROJECT NAME:

Village of McFarland

Ridge Road Bike Path Extension- Southern Path Option

Paulson Road to Valley Drive

DATE OF ESTIMATE:

6/15/2018

PHYSICAL ASSUMPTIONS:

Length of Street, Feet	0
Radii @ Intersections	20
Number of Radii	0
Number of Side Streets	0
Existing Curb & Gutter Removal, Lineal Fee	0
Curb & Gutter Length, Feet	0
Gutter to Gutter Width, Feet	0
Width of Curb & Gutter Inches	0
Number of Valley Gutters	
Existing Conc. Flatwork Removal, Square Fee	450
Amount of New 5" Concrete Sidewalk, Sq. Ft	450
Base Course Depth Under 5" Sidewalk, Inches	6
Amount of New 6" Concrete Sidewalk, Sq. Ft	0
Base Course Depth Under 6" Sidewalk, Inches	6
Average Bad Subbase Undercut Depth, Inches	3
Breaker Run Depth, Inches	0
3/4" Crushed Aggregate Depth, Inches	6
Asphalt Binder Course Thickness, Inches	2
Asphalt Surface Course Thickness, Inches	2
3" Asphalt Path Area, Sq. Yds	601.222222
Base Course Depth Under Parking Area, Inches	12
Width of Topsoiling, Each Side, Feet	3
Manholes to Be Adjusted	0
Sawcutting Length, Feet	0
Base Course Safety Factor	1.1
Asphalt Safety Factor	1.1

COST ASSUMPTIONS:

Curb & Gutter Cost, Per Lineal Foot	\$12.00
Existing Curb Removal Cost, Per Lin. Ft.	\$3.00
Valley Gutter Cost, Per Each	\$2,000.00
5" Sidewalk Cost, Per Sq. Ft.	\$5.00
6" Sidewalk Cost, Per Sq. Ft.	\$5.75
Excavation to Subbase Cost, Per Cu. Yd	\$15.00
Existing Flatwork Removal Cost, Per Sq. Ft	\$4.00
Bad Subbase Excavation Cost, Per Cu. Yd	\$16.00
Bad Subbase Replac. Br. Run Cost, Per Ton	\$14.00
Breaker Run Cost, Per Ton	\$14.00
3/4" Crushed Aggregate Cost, Per Ton	\$14.50
Asphalt Binder Course Cost, Per Ton	\$68.00
Clean & Tack Cost, Per Sq. Yd.	\$0.50
Asphalt Surface Course Cost, Per Ton	\$70.00
Parking Lot Pavement Cost, Per Sq. Yd	\$20.00
Topsoil Restoration Cost, Per Sq. Yd.	\$2.50
Seeding, Fertilizing & Mulching Cost, Per Sq. Yd.	\$2.50
Manhole Adjustment Cost, Each	\$250.00
Sawcutting Cost, Per Lineal Foot	\$3.00
Erosion Control Allowance, Lump Sum	\$10,000.00
Traffic Control Allowance, Lump Sum	\$10,000.00

CALCULATIONS:

Pavement Width, Feet	1
3/4" Cr. Aggr. Depth Under Gutter, Inches	3
Effective Depth of Crown, Inches	0.06
Street Cr. Aggregate & Exc. Area, Sq. Ft.	0
Street Pavement Area, Square Feet	0
Street Pavement Area, Square Yards	0

COST ESTIMATE:

Description:	Units	Unit Price	Estimated Cost
Mobilization, Bonds & Insurances	1 l.s.	\$500.00 l.s.	\$500
Removal & Disposal of Existing Curb & Gutter	0 l.f.	\$3.00 /l.f.	\$0
Removal & Disposal of Existing Conc. Flatwork	450 s.f.	\$4.00 s.f.	\$1,800
Excavation to Subbase	234 c.y.	\$15.00 /c.y.	\$3,510
Excavation of Bad Materials Below Subbas	0 c.y.	\$16.00 /c.y.	\$0
3" Breaker Run Replacement of Bad Subbas	0 tons	\$14.00 /ton	\$0
3" Breaker Run Base Course	0 tons	\$14.00 /ton	\$0
3/4" Crushed Aggregate Base Course	418 tons	\$14.50 /ton	\$6,061
Manhole Adjustments	0 ea.	\$250.00 /ea.	\$0
Sawcutting	0 l.f.	\$3.00 /l.f.	\$0
Concrete Curb & Gutter	0 l.f.	\$12.00 /l.f.	\$0
Valley Gutter at Intersection:	0 ea.	\$2,000.00 /ea.	\$0
4" Thick Concrete Sidewall	450 s.f.	\$5.00 /s.f.	\$2,250
6" Thick Concrete Sidewall	0 s.f.	\$5.75 /s.f.	\$0
Asphalt Lower Course	0 tons	\$68.00 /ton	\$0
Clean & Tack	0 s.y.	\$0.50 /s.y.	\$0
Asphalt Surface Course	0 tons	\$70.00 /ton	\$0
Asphalt Bike Path	601.22 s.y.	\$20.00 /s.y.	\$12,024
Topsoil Restoration	240.22222 s.y.	\$2.50 /s.y.	\$601
Seeding, Fertilizing & Mulching	240.22222 s.y.	\$2.50 /s.y.	\$601
Erosion Control	1 l.s.	\$500.00 l.s.	\$500
Signage and Traffic Control	1 l.s.	\$1,000.00 l.s.	\$1,000
Curb Cuts	65 l.f.	\$35.00 /l.f.	\$2,275

CONSTRUCTION SUBTOTAL

Basic Design Eng. & Const. Admin.

@ 13 %

Resident Inspection

@ 4 %

Contingency

@ 10 %

TOTAL

\$31,122

\$4,045.86

\$1,244.88

\$3,112.20

\$39,525



2

PROJECT NO.	175
PROJECT NAME	2018 STREET IMPROVEMENTS
CLIENT	Village of McFarland, Wisconsin
DATE	11-18
SCALE	1" = 40'
DESIGNED BY	TC
CHECKED BY	TC
APPROVED BY	TC

2018 STREET IMPROVEMENTS
Ridge Road
Village of McFarland, Wisconsin

BIKE PATH EXTENSION
RIDGE ROAD
NORTHERN PATH OPTION

tc TOWN & COUNTRY
ENGINEERING, INC.

2012 Mainway Place Drive
Suite 103
Madison, WI 53719
(608) 273-3350
www.tceengineering.com

STREET IMPROVEMENTS COST ESTIMATE

CLIENT NAME:
PROJECT NAME:

DATE OF ESTIMATE:

Village of McFarland

Ridge Road Bike Path Extension- Northern Path Option

Paulson Road to Valley Drive

6/15/2018

PHYSICAL ASSUMPTIONS:

Length of Street, Feet	0
Radii @ Intersections	20
Number of Radii	0
Number of Side Streets	0
Existing Curb & Gutter Removal, Lineal Fee	0
Curb & Gutter Length, Feet	0
Gutter to Gutter Width, Feet	0
Width of Curb & Gutter Inches:	0
Number of Valley Gutters	
Existing Conc. Flatwork Removal, Square Fee	450
Amount of New 5" Concrete Sidewalk, Sq. Ft	450
Base Course Depth Under 5" Sidewalk, Inches	6
Amount of New 6" Concrete Sidewalk, Sq. Ft	0
Base Course Depth Under 6" Sidewalk, Inches	6
Average Bad Subbase Undercut Depth, Inches	3
Breaker Run Depth, Inches	0
3/4" Crushed Aggregate Depth, Inches	6
Asphalt Binder Course Thickness, Inches	2
Asphalt Surface Course Thickness, Inches	2
3" Asphalt Path Area, Sq. Yds	561.777778
Base Course Depth Under Parking Area, Inches	12
Width of Topsoiling, Each Side, Feet	3
Manholes to Be Adjusted	0
Sawcutting Length, Feet	0
Base Course Safety Factor	1.1
Asphalt Safety Factor	1.1

COST ASSUMPTIONS:

Curb & Gutter Cost, Per Lineal Foot	\$12.00
Existing Curb Removal Cost, Per Lin. Ft.	\$3.00
Valley Gutter Cost, Per Each	\$2,000.00
5" Sidewalk Cost, Per Sq. Ft.	\$5.00
6" Sidewalk Cost, Per Sq. Ft.	\$5.75
Excavation to Subbase Cost, Per Cu. Yd	\$15.00
Existing Flatwork Removal Cost, Per Sq. Ft	\$4.00
Bad Subbase Excavation Cost, Per Cu. Yd	\$16.00
Bad Subbase Replac. Br. Run Cost, Per Ton	\$14.00
Breaker Run Cost, Per Ton	\$14.00
3/4" Crushed Aggregate Cost, Per Ton	\$14.50
Asphalt Binder Course Cost, Per Ton	\$68.00
Clean & Tack Cost, Per Sq. Yd.	\$0.50
Asphalt Surface Course Cost, Per Ton	\$70.00
Parking Lot Pavement Cost, Per Sq. Yd	\$20.00
Topsoil Restoration Cost, Per Sq. Yd.	\$2.50
Seeding, Fertilizing & Mulching Cost, Per Sq. Yd.	\$2.50
Manhole Adjustment Cost, Each	\$250.00
Sawcutting Cost, Per Lineal Foot	\$3.00
Erosion Control Allowance, Lump Sum	\$10,000.00
Traffic Control Allowance, Lump Sum	\$10,000.00

CALCULATIONS:

Pavement Width, Feet	1
3/4 " Cr. Aggr. Depth Under Gutter, Inches	3
Effective Depth of Crown, Inches	0.06
Street Cr. Aggregate & Exc. Area, Sq. Ft.	0
Street Pavement Area, Square Feet	0
Street Pavement Area, Square Yards	0

COST ESTIMATE:

Description:	Units	Unit Price	Estimated Cost
Mobilization, Bonds & Insurances	1 l.s.	\$500.00 l.s.	\$500
Removal & Disposal of Existing Curb & Gutter	0 l.f.	\$3.00 l.f.	\$0
Removal & Disposal of Existing Conc. Flatwork	450 s.f.	\$4.00 s.f.	\$1,800
Excavation to Subbase	218 c.y.	\$15.00 /c.y.	\$3,270
Excavation of Bad Materials Below Subbas	0 c.y.	\$16.00 /c.y.	\$0
3" Breaker Run Replacement of Bad Subbas	0 tons	\$14.00 /ton	\$0
3" Breaker Run Base Course	0 tons	\$14.00 /ton	\$0
3/4" Crushed Aggregate Base Course	392 tons	\$14.50 /ton	\$5,684
Manhole Adjustments	0 ea.	\$250.00 /ea.	\$0
Sawcutting	0 l.f.	\$3.00 l.f.	\$0
Concrete Curb & Gutter	0 l.f.	\$12.00 l.f.	\$0
Valley Gutter at Intersection:	0 ea.	\$2,000.00 /ea.	\$0
4" Thick Concrete Sidewall	450 s.f.	\$5.00 /s.f.	\$2,250
6" Thick Concrete Sidewall	0 s.f.	\$5.75 /s.f.	\$0
Asphalt Lower Course	0 tons	\$68.00 /ton	\$0
Clean & Tack	0 s.y.	\$0.50 /s.y.	\$0
Asphalt Surface Course	0 tons	\$70.00 /ton	\$0
Asphalt Bike Path	561.78 s.y.	\$20.00 /s.y.	\$11,236
Topsoil Restoration	240.22222 s.y.	\$2.50 /s.y.	\$601
Seeding, Fertilizing & Mulching	240.22222 s.y.	\$2.50 /s.y.	\$601
Erosion Control	1 l.s.	\$500.00 l.s.	\$500
Signing and Traffic Control	1 l.s.	\$1,000.00 l.s.	\$1,000
Curb Cuts	80 l.f.	\$35.00 l.f.	\$2,800

CONSTRUCTION SUBTOTAL

Basic Design Eng. & Const. Admin.

Resident Inspection

Contingency

TOTAL

@ 13 %
@ 4 %
@ 10 %

\$30,242

\$3,931.46

\$1,209.68

\$3,024.20

\$38,407



PROJECT NO.:
MC 128
~~DRAGONROAD-BIKE~~
PATH.DWG
DRAWN BY:
T.J.S.
CHECKED BY:
B.R.B.
DATE:
7-5-18
REVISIONS:

SCALE:
0 15 30
SHEET:
2

2018 STREET IMPROVEMENTS
Ridge Road
Village of McFarland, Wisconsin

BIKE PATH EXTENSION
RIDGE ROAD
PAINTED LANES OPTION

TOWN & COUNTRY
ENGINEERING, INC.
2912 Marketplace Drive
Suite 103
Madison, WI 53719
(608) 273-3350
www.tcengineers.net