

PUBLIC WORKS COMMITTEE

Tuesday, January 10, 2017

6:00 P.M.

McFarland Municipal Center
Conference Room A

AGENDA

1. Call to Order.
2. Public Comments.
3. Review and possible action on the draft minutes of the regular meeting held December 13, 2016.
4. Discussion and possible action regarding the planned public works improvements within the proposed Prairie Place Subdivision.
5. Update and possible action regarding the County Trunk Highway MN project for 2017:
6. Update on the design and reconstruction of Holscher Road planned for 2017.
7. Set next meeting date and possible agenda items.
 - a. Combine Meeting with Public Utilities on February 21st to review / recommend bids
8. Adjournment.

- NOTES:
- 1) Persons needing special accommodations should call 838-3153 at least 24 hours prior to the meeting.
 - 2) A quorum of the Village Board may attend this meeting for the purpose of gathering information relevant to their responsibilities as Village Trustees. No matter shall be considered nor shall any action be taken by said Village Members at this meeting other than those that are part of this Committee and acting within the limits of this meeting notice/agenda.
 - 2) More specific information about agenda items may be obtained by calling 838-7287.

This agenda was posted, or caused to be posted, by my hand on the 6th of January, 2017 at the following three (3) posting places in the Village of McFarland, to wit: McFarland Municipal Center, 5915 Milwaukee Street; E.D. Locke Public Library, 5920 Milwaukee Street; and McFarland State Bank, 5990 Hwy 51.

Cassandra Suettinger, Clerk/Deputy Treasurer

Public Works Committee
Meeting minutes
Dec. 13, 2016

Members present: Chair Tom Mooney, Jerry Adrian, Bob Mecum, Chris Fredrick, Marv Meyers, Don Miller, Richard Vela.

Members absent: None.

Staff present: village public works director Allan Coville, village administrator Matt Schuenke

Others present: Brian Berquist (Town & Country Engineering); Clair Utter (Village Trustee); representatives of Gannon Construction.

1. Call to order: The Public Works Committee meeting was called to order at 6 p.m. by chair Mooney at the McFarland Municipal Center.
2. Public comments: None.
3. Review and possible approval of draft Minutes of the Public Works Committee meeting of Nov. 8, 2016. Motion by Miller, second by Vela, to approve the draft minutes. Motion carried 7-0.
4. Discussion and possible action regarding the planned public works improvements within the proposed Prairie Place Subdivision. Committee members heard from Tom Gannon of Gannon Development, who said construction on lots in the subdivision is planned to begin in spring of 2017, with lots ready by mid-summer of 2017. Representatives from Gannon Construction discussed storm water management designs, as well as potential cost-sharing of water main installations with the village. Committee members asked about potential sidewalk policies for cul-de-sacs, as well as snow removal procedures on cul-de-sacs with sidewalks.
5. Discussion and possible action regarding the County Trunk Highway MN project for 2017:
 - a.) The committee discussed the second phase of the project, running primarily through the village downtown area. The project will include bicycle lanes and street parking.
 - b.) Mooney motioned, seconded by Meyers, to move improvements to the Exchange/Farwell intersection to the third phase of the project, scheduled for 2018, in order to allow further study of potential intersection changes. Frederick offered a friendly amendment to have the intersection be part of a traffic study done for the project, with costs shared by the county and village. Motion passed 7-0.
 - c.) Fredrick motioned, Adrian seconded, to pursue an alternate bid for crosswalk improvements for the second phase of the project. Motion passed 7-0.
 - d.) Mooney motioned, Adrian seconded, to move street lighting upgrades to the third phase of the project in 2018. Motion passed 7-0.
 - e.) Mooney motioned, Adrian seconded, to pursue an alternate bid for terrace enhancements for the second phase of the project. Motion passed 7-0.

- f.) Mayers motioned, Fredrick seconded, to not pursue storm water features for the second phase of the project. Motion passed 7-0.

- 6. Committee members discussed potential design schemes for the reconstruction of Hoischer Road in 2017.

- 7. Set next meeting date and possible agenda items. The next meeting was set for Jan. 10, 2017, at 6 p.m. at the McFarland Municipal Center. Agenda items to include an update on 2017 Public Works Department projects.

- 8. Adjournment: Motion by Fredrick, seconded by Miller, to adjourn. Motion carried 7-0.

December 20, 2016

Mr. Matthew Schuenke
Village Administrator
Village of McFarland
5915 Milwaukee Street
P.O. Box 110
McFarland, WI 53558

Subject: Construction Plan Review for Prairie Place Plat

Dear Matt:

We have received a set of proposed construction plans for the Prairie Place plat located north and east of the intersection of Holscher Road and Broadhead Street. The plans were submitted on December 8. We have completed our review of the plans based on Village ordinances and public works practices, and are providing our comments below. Comments are organized by sheet number for ease of review.

Sheet 2

- A minimum of 6 inches of crushed aggregate base course should be used under all curb & gutter.
- A minimum of 6 inches of crushed aggregate base course must be used under all sidewalks.
- Per Public Works Committee and staff discussions, sidewalks will be required along both sides of the culs-de-sac at least up to the throat. For the cul-de-sac along Shooting Star Court, the southern sidewalk should be extended to the multi-use path.
- A 2-inch radius on the top of the curb face should be used to match Village standard.
- The triangle created between two handicap ramps at each corner should be filled in with concrete.
- Truncated dome panels are proposed for handicap sidewalk ramps. The Village policy has historically been to use the diamond pattern, which is required by Wisconsin Statute. The Village attorney recommended going with the truncated dome panels, and we so recommend as well changing the Village policy.
- The detail for the Type III barricades references Perry Parkway. This should instead reflect the temporary dead-end streets in the plat.

Sheet 3

- A full-depth tracer wire box is required for sanitary lateral tracer wires.

Sheet 4

- The Village standard for water curb stop boxes are Minneapolis pattern, H10302, 1½-inch diameter with no stationary rods.
- Type N brass should be used, signifying no lead in the brass fittings.
- There have been some changes made to the Village construction details. We will provide the updated drawings for the developer's use.

Sheet 8

- The eastern sidewalk is not one foot from and parallel to the right-of-way line. In subsequent discussions with the developer's engineer, this was done to preserve existing trees in this area. The Public Works Committee has agreed that this is a good approach and we concur.

Sheet 9

- All runs of sewers with any areas deeper than 15 feet must utilize SDR-26 PVC pipe. This should be shown on the plans.

Sheet 10

- We recommend showing a continuous slope on the water main to the end of North Peninsula Way, and an addition of a temporary hydrant at the end. This can be removed once the development to the north ties on.

Sheet 11

- We recommend the Village consider requiring sidewalks along both sides of the cul de sacs, as has been done for similar length cul de sacs in recent developments. This will require widening the right-of-way to 60 feet for the stem of each cul-de-sac, as was shown on the preliminary plat.
- The hydrant located at Lot 11 should be moved to 5 feet behind the curb and placed between Lots 36 and 37 with a 45° bend instead of a 90° bend. This will allow for cleaner layout of the water laterals and less flow loss to the hydrant.

Sheet 12

- Storm sewer inlets should be added at the northeast and northwest corners of the Peninsula Way/Shooting Star intersection.
- A temporary tee turnaround should be constructed within the right-of-way of Shooting Star Trail.

Sheet 13

- A temporary tee turnaround should be constructed within the right-of-way at the end of Meadowsweet Terrace.

Sheet 14

- Please see similar comments regarding sidewalk on both sides of culs-de-sac to the throat.

Sheet 15

- The developer should consider keeping the water main along the south side of County Highway MM up to North Peninsula Way, and then crossing there to avoid the storm sewer constructed in 2015 heading to the east. This will make future locating main easier and align better with the existing main along the south side of Broadhead Street closer to the Village center.

Sheet 16

- Some of the proposed multi-use path is shown to be constructed in delineated wetland areas. This will likely be allowable, but a special permit will be required. The developer may want to consider shifting the path slightly south to avoid impacts.
- We suggest placing the hydrant at the east corner to allow use as a flushing hydrant.

Sheet 19

- An overflow path should be shown between Lots 50 and 51, along with a note to depress the sidewalk. This would limit any potential stormwater ponding in the street to a 6-inch depth before overflowing towards stormwater management areas in the event that the inlets become plugged.
- We suggest that the engineer make an attempt to match pipe tops at storm sewer diameter changes.

Sheet 20

- An overflow path should be shown between Lots 47 and 48, along with a note to depress the sidewalk. This would limit any potential stormwater ponding in the street to a 6-inch depth before overflowing towards stormwater management areas in the event that the inlets become plugged.
- We suggest that the engineer make an attempt to match pipe tops at storm sewer diameter changes.

Sheet 21

- An overflow path should be shown between Lots 38 and 39, along with a note to depress the sidewalk. This would limit any potential stormwater ponding in the street to a 6-inch depth before overflowing towards stormwater management areas in the event that the inlets become plugged.

Sheet 24

- We suggest more grading or notes be added to the grading plan to indicate direction of flow along the lot lines between Lots 20, 21 and 15.

Miscellaneous Comments

Several other infrastructure-related items will be required prior to Village approval of the project, as listed below:

- Lighting plan.
- Cross-sections showing all future streets.
- A final stormwater management and erosion control plan.
- Similar to the restored prairie areas in the adjacent Veridian Juniper Ridge subdivision, we recommend the Village obtain an operation and maintenance manual for the prairie plantings proposed in the wetland area and stormwater management areas.
- We suggest rounding the right-of-way corners for the North Peninsula Way intersections.

This concludes our review of this drawing set. Please do not hesitate to contact us with any questions. We will plan on attending the December Public Utilities Committee meeting as well to discuss the project.

Very truly yours,
TOWN & COUNTRY ENGINEERING, INC.

Brian R. Berquist, P.E.
Vice-President of Municipal Services

cc: Ms. Pauline Boness, Director of Community Development, Village of McFarland (5915 Milwaukee Street, P.O. Box 110, McFarland, WI 53558)

✓ Mr. Allan Coville, Director of Public Works, Village of McFarland (5915 Milwaukee Street, P.O. Box 110, McFarland, WI 53558)

Mr. Tom Gannon, Gannon Company (4719 Farwell Street, McFarland, WI 53558)

Mr. Tim Thorson, Royal Oak & Associates, Inc. (3678 Kinsman Boulevard, Madison, WI 53704)

BRB:sai



Memorandum

To: Public Works Committee

From: Matthew G. Schuenke, Village Administrator/Treasurer 

Date: January 6, 2017

Re: County Highway MN (Main Street) Streetscape Concepts

Executive Summary

The second phase of County Highway MN is scheduled for reconstruction in 2017 following the completion of the first phase in 2016. The Committee met on November 8th and December 13th to discuss several concepts regarding streetscaping as they impact the project design. Staff has been working on following up on these concepts and their feasibility within the scope of the project in order to bring forward to additional groups as a means to expand the discussion. The Community Development Authority has reviewed these concepts at its meetings on December 7th and January 4th to assist in the decision making process. This memorandum will follow up on additional planning behind the concepts discussed at the last meeting and review their ongoing feasibility within this project.

Streetscaping Concepts

Please note the following issues regarding the project:

- Base Construction Drawings – The final draft of the project drawings will be reviewed in the meeting in order for the bid to developed for advertisement in February. Please note the final changes to this design:
 - *Exchange/Farwell Intersection* – This intersection has been removed from consideration for Phase II and will be part of a Traffic Study early in 2017 to help determine the level of improvement necessary for the intersection in Phase III.
 - *Terrace Enhancements (Appendix A)* – The Commercial Terrace Area will be decorative stamped concrete and colored. The CDA selected cobblestone pattern and a reddish color that matches the brickwork within Gazebo Park.
 - *Crosswalk Enhancements* – The Public Works Committee agreed as a bid alternative to stamp the asphalt with a decorative pattern to enhance crosswalks within the commercial areas. The CDA selected the brick like pattern shown in Appendix B as the preferred design for this improvement.
- Street Lighting – Staff will continue to work with Alliant Energy on available options. Nothing new to report from the last meeting.

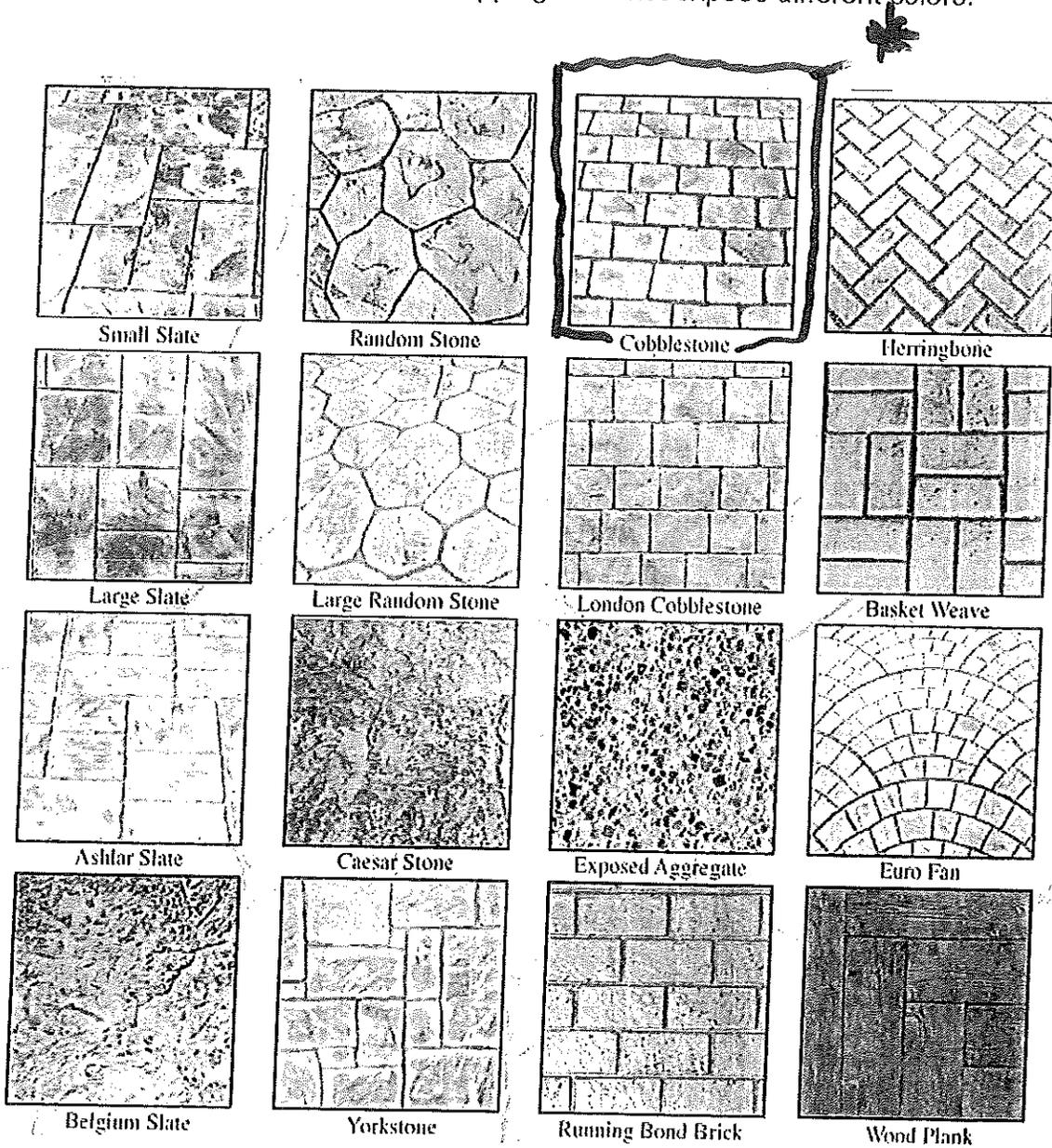
- Library Patio Improvement – This option will be reviewed as a separate project after further study with the Library Board. An improvement here would be outside of the ROW and could be implemented with other improvements sought by the Library elsewhere on the property not related to this project.
- Aesthetic Amenities – Staff will work with partnering with the Lions Club to install a drinking fountain near the gazebo outside of the construction project. Further desired amenities within available space will be considered at a later date outside of the construction project.
- Wayfinding Signage – Staff will work with Dane County on using similar trail signage to encourage users into the Downtown area. Future wayfinding signage as may be desired will be implemented as its own project either as part of the branding initiative or shortly thereafter.

Recommendation

The objective at the meeting on Tuesday is to review these final changes and the proposed final design in order to take action to send the project to bid.

Paved Terrace Treatments

These patterns are imprinted on the fresh concrete surface. The color is mixed throughout the concrete mixture so chipping does not expose different colors.



Village of McFarland
2017 CTH MN Improvements
Streetscape Options

Potential Crosswalk Treatments



Duratherm System
Utilizes plastic material melted into physical grooves in the asphalt.
Right side photos taken in 2016 of a 2013 installation on USH 12

