

City of Ramsey
Agenda
Public Works Committee
Tuesday, July 20, 2021
5:30 pm
Lake Itasca Room, 7550 Sunwood Drive NW

1. **Call to Order**
2. **Citizen Input**
3. **Approve Agenda**
4. **Approve Minutes**
 1. Approve the following meeting minutes.
 1. Public Works Committee dated June 15, 2021.
5. **Committee Business**
 1. Request for Street light at 15500 Roanoke St (Bear Park)
 2. Review of Spray Patching on Junkite St/146th Cir
 3. Consider Approving Modification for COR Infiltration Basin Pumping Station Inlet
 4. Consider Recommending City Council Ordering of Plans and Specifications for Improvement Project #21-10, Fire Station No.1 Parking Lot Improvements
6. **Committee/Staff Input**
 1. Receive Staff Updates on Improvement Projects, Studies and Items of Interest
 2. Review Future Topics Calendar
7. **Adjournment**

Public Works Committee

4. 1.

Meeting Date: 07/20/2021

Submitted For: MaryJo Warner, Engineering/Public Works

By: MaryJo Warner, Engineering/Public Works

Title:

Approve the following meeting minutes.

- 1. Public Works Committee dated June 15, 2021.

Purpose/Background:

Purpose: To review and approve meeting minutes.

Background: Attached are the meeting minutes for review.

Timeframe:

5 minutes.

Observations/Alternatives:

n/a

Funding Source:

n/a

Recommendation:

To review and approve meeting minutes dated June 15, 2021.

Action:

Motion to approve meeting minutes dated June 15, 2021.

Attachments

Minutes

Form Review

Inbox	Reviewed By	Date
Grant Riemer	Grant Riemer	07/15/2021 09:12 AM
Kurt Ulrich	MaryJo Warner	07/15/2021 04:00 PM
Form Started By: MaryJo Warner		Started On: 07/15/2021 08:26 AM
Final Approval Date: 07/15/2021		

**PUBLIC WORKS COMMITTEE
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA**

The Public Works Committee conducted a regular meeting on Tuesday, June 15, 2021, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present: Chairperson Chris Riley
 Councilmember Debra Musgrove
 Councilmember Matt Woestehoff

Also Present: Public Works Superintendent Grant Riemer
 City Engineer Bruce Westby
 City Administrator Kurt Ulrich
 Jeff and Bridget Sailor – 7650 178th Lane NW

1. CALL TO ORDER

Chairperson Riley called the regular meeting of the Public Works Committee to order at 5:30 p.m.

2. CITIZEN INPUT

There was none.

3. APPROVE AGENDA

Motion by Councilmember Woestehoff, seconded by Councilmember Musgrove, to approve the agenda, as presented.

Motion carried. Voting Yes: Chairperson Riley, Councilmembers Woestehoff and Musgrove.
Voting No: None.

4. APPROVE MINUTES

4.01: Approve April 20, 2021, Meeting Minutes

Motion by Councilmember Woestehoff, seconded by Councilmember Musgrove, to approve the following minutes:

Regular Meeting Minutes dated April 20, 2021

Motion carried. Voting Yes: Chairperson Riley, Councilmembers Woestehoff and Musgrove.
Voting No: None.

City Administrator Ulrich suggested taking Case 6.01 first as there are residents present for that case.

Councilmember Musgrove noted that case is under Committee/Staff Input rather than Committee Business and asked for clarification between the two categories.

Chairperson Riley explained that the intent of that case is to provide policy guidance rather than making a formal recommendation. It was agreed that Case 6.01 could be considered first.

6. COMMITTEE / STAFF INPUT

6.01: Review Gravel Road Elimination Policy

City Engineer Westby reviewed the existing Gravel Road Elimination Policy (GREP) and asked for input as to whether staff should continue to follow the existing policy or whether revisions should be explored. Staff recommends continuing to eliminate gravel roads as development occurs, as funds become available, and when residents petition to pave gravel roads and contribute to the costs.

Jeff Sailor introduced himself and referenced his previous discussions with the City dating back to 2006 and noted that annual maintenance costs for gravel roads are significant and need to be considered. He stated that traffic driving at higher speeds cause more dust, as does dry conditions. He commented that larger vehicles such as garbage trucks and buses put additional strain on the gravel roads. He stated that they are adjacent to a property that is developing and asked who is responsible for the costs for those roads. He noted that equipment would already be in the area and could perhaps be used to pave the unpaved roads (Xenolith Street NW and 178th Lane NW) leading to his house.

Chairperson Riley commented that the developer is funding the road improvements on that adjacent property.

Jeff Sailor asked if staff could investigate the cost to include his road with that adjacent development while that equipment is in the area to obtain a cost savings for paving his roads. He commented that there are seven homes on these roads with some older residents.

Bridget Sailor stated that they like the country aspect of their property, but it seems that other roads are being paved and they feel their roads should be paved as well.

Jeff Sailor asked if the residents along paved roads were assessed for that cost.

Public Works Superintendent Riemer replied that another roadway was paved through petition by the property owners and that project was assessed.

Chairperson Riley asked if a majority of the residents on their streets would want the roads paved.

Jeff Sailor commented that times are tougher financially than they were in the past, and he would not think all the residents would support an assessment.

Chairperson Riley commented that he does not believe anyone would disagree that they would like to continue to eliminate gravel roads. He commented that they have eliminated the assessment policy for the road reconstruction and overlay program as that has been replaced by another program. He stated that this program still remains, but it has been suggested that perhaps the money proposed to purchase a new road grader in the near future could be used for this purpose. He noted that the number of gravel roads are being reduced as adjacent parcels develop and the roads are paved to support the development. He asked for details on the funds that could be available if the City wanted to take a stronger role in this purpose.

City Engineer Westby asked if it would be helpful for the Committee for staff to gather estimates on the costs to pave the remaining gravel roads, splitting those into those that have future development potential and those that do not.

Chairperson Riley agreed that would be helpful.

Jeff Sailor commented that perhaps a comparison could be done showing the annual maintenance costs and paving cost.

City Engineer Westby replied that it is known there are some soils issues in different areas and therefore borings would be taken prior to paving to ensure the full scope of costs would be known. He stated that staff can gather the additional details as requested and bring that back to the Committee to review and discuss.

Public Works Superintendent Riemer highlighted some of the remaining gravel roads, the number of homes or business along the road, and whether there would be additional challenges.

Councilmember Musgrove asked and received confirmation that the gravel roads are City owned. She asked if there would be a process for public input. She stated that a funding source is mentioned in the case that splits the cost between the City and assessment to residents. She stated that she would explore reviewing alternative funding sources. She asked if it would be possible to use another city's road grader if Ramsey were to sell its grader.

Public Works Superintendent Riemer confirmed that Nowthen has a grader that could potentially be used if needed.

Councilmember Musgrove noted that even if a road is paved there would be ongoing maintenance costs.

Councilmember Woestehoff asked whether a gravel road would be easier to pave because there is already a gravel base.

Public Works Superintendent Riemer commented that it would depend upon the road. He noted that one gravel road may have class five material in anticipation of paving, while others are dirt roads.

Councilmember Woestehoff asked the estimated cost to pave a road.

City Engineer Westby replied that every section would be different and have a different cost. He stated that staff could look into the sections in further detail to provide estimated costs.

Councilmember Woestehoff asked if assessments are based on the increase in value that would be provided related to the road improvement.

City Engineer Westby replied that by statute the City cannot assess more than the increase in property value resulting from the improvement.

Councilmember Woestehoff commented that the properties along Variolite were not assessed because the return would not provide the desired value. He stated that he is unsure as to whether that would be the same case for some of the smaller roads.

City Engineer Westby confirmed that could be part of the review.

Chairperson Riley stated that while he would like to see the road paved, he agrees that the additional information is necessary to make an informed decision.

Councilmember Woestehoff asked if adding pavement to a gravel road could be considered as maintenance and then potentially funded through the pavement management plan.

Chairperson Riley commented that he would be resistant to that approach.

Councilmember Woestehoff stated that he would agree to treat the two types of roads separately.

Councilmember Musgrove agreed that she would not want to see a gravel road take the place of another paved road that has been waiting for needed repair/reconstruction.

City Administrator Ulrich explained that one reason to assess a gravel road conversion to a paved road is because those properties never paid for the road construction in the first place, whereas new developments pay for the roads constructed through the cost of their home. He stated that it would then make sense that the property owners share in the cost because paving would be an improvement to their road.

Councilmember Musgrove commented that the assessment for gravels roads does not seem to specify the benefit to the property, it simply states 50 percent of the cost. She stated that if curb and gutter were installed that would be an additional cost, compared to a blacktop rural road.

City Engineer Westby replied that the current policy is to reconstruct existing pavement sections in kind, meaning a rural section is replaced with a rural section, and an urban section is replaced with an urban section.

Chairperson Riley stated that the reference to an assessment not exceeding the value added to the property is part of State law.

City Engineer Westby commented that staff will complete the information gathering and bring that back to the Committee to review.

5. COMMITTEE BUSINESS

5.01: Consider Recommendation to City Council to Adopt Resolution Requesting Traffic Study for CSAH 5 Between TH 47 and Alpine Drive

City Engineer Westby reviewed the staff report.

Chairperson Riley commented that this has been on the radar for most of the years he has been on the Council, and he has received many resident comments. He asked if Alpine would be the natural break for the study.

City Engineer Westby commented that there are concerns at different points along the corridor and he stated that while there is not a natural break, the section between TH 47 and Alpine Drive is pretty set in terms of development therefore Anoka County is open to beginning with this section.

Chairperson Riley agreed that it would make sense to begin with this section.

Councilmember Musgrove asked what would be learned beyond what was done as part of the previous project. She stated that she would be okay stopping at Alpine Drive if that is what is needed to get this moving forward but asked if it would make more sense to extend to Sunfish Lake or Ramsey Boulevards.

City Engineer Westby replied that the only drawback that he would note is that once the scope of the project is expanded, it could take longer, identify larger improvements that require additional funding, and ultimately delay the entire process. He stated that a lot of the work has been done between TH 47 and Alpine Drive and therefore the study itself could be completed fairly quickly, identifying potential improvements. He noted that perhaps then a future study phase could be identified to follow.

Councilmember Musgrove if it would be anticipated that the County would plan for future study phases as well.

City Engineer Westby stated that perhaps if there are efficiencies or economies of scale identified, that could be a potential.

Chairperson Riley noted that would be the decision of the County and he would not want the City to make that ask.

Councilmember Musgrove asked if the County would be asking for funding from the City for this study.

City Engineer Westby replied that if the work is done in-house by the County, he would not expect a request for funding from the City. He stated that if a consultant is used, perhaps a request could be made to the City. He noted that if the City requested an expanded study area, past Alpine Drive, he would expect the County might use a consultant and request funds from the City.

Motion by Councilmember Musgrove, seconded by Councilmember Woestehoff, to recommend City Council approval to adopt a resolution requesting that Anoka County complete a traffic study for CSAH 5 between TH 47 and Alpine Drive.

Further discussion: Chairperson Riley noted that the City does not make this type of request to the County often, so perhaps this will emphasize the importance.

Motion carried. Voting Yes: Chairperson Riley, Councilmembers Musgrove and Woestehoff. Voting No: None.

6. COMMITTEE / STAFF INPUT (Continued)

6.02: Staff Updates on Improvement Projects and Items of Interest

City Engineer Westby provided updates on current and proposed City, County and MnDOT improvement projects and studies and on other items of interest to the Committee.

Chairperson Riley asked and received confirmation that the County is moving forward with the proposed interim improvements to Bunker Lake Boulevard between Armstrong Boulevard and Sunfish Lake Boulevard and asked for input on the section between Ramsey Boulevard and Armstrong Boulevard.

City Engineer Westby replied that turn lanes are being proposed at each of the public street intersections as part of this late fall project. He confirmed that initially the City was supposed to be responsible for paying for the permanent improvements per the adopted RTC JPA, but since the County is now completing these interim improvements, discussions with the County related to amending the RTC JPA seem to be in order.

Chairperson Riley asked if it is known as to why there is more train traffic on the tracks.

Public Works Superintendent Riemer replied that they are completing track maintenance.

6.03: Review Future Topics Calendar

City Engineer Westby asked if the August meeting should be canceled due to the EDA golf tournament being held the same day. He noted that the Committee's August meetings have been canceled for that scheduling conflict in the past.

Chairperson Riley asked and received confirmation that the meeting could be canceled without impacting the schedule for items to be considered. It was the consensus of the Committee to cancel the August meeting.

7. ADJOURNMENT

Motion by Councilmember Musgrove, seconded by Councilmember Woestehoff, to adjourn the Public Works Committee meeting.

Motion carried.

The regular meeting of the Public Works Committee adjourned at 6:30 p.m.

Respectfully submitted,

Grant Riemer
Public Works Superintendent

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

Public Works Committee

5. 1.

Meeting Date: 07/20/2021

By: Grant Riemer, Engineering/Public Works

Title:

Request for Street light at 15500 Roanoke St (Bear Park)

Purpose/Background:

Purpose:

Address request from resident to add a street light at the Bear Park parking area for added security.

Background:

The resident that requested the street light frequently reports finding and disposing of trash left on their properties from illicit substance abuse, dirty contraceptives, and, time and time again, waiting for the park to recover from yet another motorized vehicle vandalizing it. Staff checked with Ramsey PD and there were two instances on record in the last three years. One for someone driving their snowmobile in the park and the other was for driving their vehicle on to the grass and spinning circles.

Timeframe:

5 Minutes

Observations/Alternatives:

Staff reports that street lights are infrequent in the area. The nearest street light to the park is at the intersection of Alpine Dr/Roanoke St. Initial cost to install the new light would be \$ 4,893.00, with an ongoing monthly maintenance and energy cost of \$6.76

Funding Source:

9603 Street Light utility

Recommendation:

Staff recommendation is to install the street light at bear park for increased security.

Action:

Motion to PW Committee to move request to city council for approval of street light installation at 15500 Roanoke (Bear Park)

Attachments

Street Light Estimate

Form Review

Inbox	Reviewed By	Date
Diana Lund	Diana Lund	07/14/2021 01:13 PM
Kurt Ulrich	MaryJo Warner	07/15/2021 03:59 PM
Form Started By: Grant Riemer		Started On: 07/12/2021 08:49 AM
Final Approval Date: 07/15/2021		

Grant Riemer

From: Steve Sell <Steve.Sell@connexusenergy.com>
Sent: Thursday, June 3, 2021 12:01 PM
To: Grant Riemer
Cc: Becky Bergherr
Subject: Bear Park Lighting

Hello Mr. Riemer,

I have put together the following cost estimate for the new light being requested at Bear Park near 155th and Roanoke:

- Traditionaire LED light on 14' direct bury black fiberglass pole: \$1601.00
 - 15KVA Padmount Transformer: \$1,734.00
 - 60' Wire/Boring @ \$19.05/foot: \$1,143.00
 - Schroeders Pole Set Up Fee: \$415.00
- Total Estimated Cost: \$4,893.00

Please let me know if you would like to continue moving forward and I will be happy to send out the Lighting Exhibit and Contract/Agreement paperwork for your review and signatures. Please let me know if you have any questions or concerns.

Thank you!

Steve Sell

Distribution Designer | Connexus® Energy

Phone: 763.323.2698

Steve.Sell@connexusenergy.com | www.connexusenergy.com

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Public Works Committee

5. 2.

Meeting Date: 07/20/2021

Submitted For: Grant Riemer, Engineering/Public Works

By: Grant Riemer, Engineering/Public Works

Title:

Review of Spray Patching on Junkite St/146th Cir

Purpose/Background:

Purpose:

Staff was asked to review the spray patching and the problems that occurred in this area.

Timeframe:

5 Minutes

Observations/Alternatives:

Under 2021 street inventory rating system these roads are both rated as 2. This means they have deteriorated to the point where reconstruction is warranted. Over the last several years the public works staff has used spray patching and regular patching to hold this area until it could be reconstructed. With so many potholes, alligator cracking and pavement stripping we attempted to use the spray patcher to cover large areas of pavement. We have done this in the past with success on other road sections, but circumstances this time did not work out as expected. We have been renting spray patching equipment from our current vendor over the past several years with fairly good success, but this year was the exception. We have had numerous breakdowns on the rental equipment that compounded our problems in this area.

6/11-6/15 Conveyor needed replacement

6/23-6/24 Pin replaced on boom and conveyor adjustment

6/28-6/29 Throttle actuator broke

7/1 Computer malfunctioned and needed replacement. At this point we canceled the contract and returned the equipment.

Several other factors added to the unsatisfactory condition of the project. We were training in a new operator and all the break downs certainly didn't help his success. An inexperienced operator and high temps led to bleed through in some areas that had to re-covered with extra rock to prevent tracking. With temps in the 90's we left the rock on longer than normal to reduce the chance of bleed through, but even with that a resident tracked emulsion on to their cement driveway. That required a crew of 3 most of a full day to remove. One day a residents irrigation system came on and washed the emulsion into the gutter line before it set up. With the high winds, emulsion drifted and landed on two residents cars that had to be sent in for detailing to remove it.

We have changed our method of maintenance on large areas of pavement distress and are now using an asphalt mill on our skid loader and doing small overlays instead. This is a slower process, but provides a good result.

Funding Source:

N/A

Recommendation:

To continue with the mill and overlay process of patching until such time the road segment can be overlaid or reconstructed

Action:

Informational only no action required.

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Diana Lund	Diana Lund	07/15/2021 09:19 AM
Kurt Ulrich	MaryJo Warner	07/15/2021 03:59 PM
Form Started By: Grant Riemer		Started On: 07/12/2021 10:48 AM
Final Approval Date: 07/15/2021		

Public Works Committee

5.3.

Meeting Date: 07/20/2021

Submitted For: Len Linton, Engineering/Public Works

By: Len Linton, Engineering/Public Works

Title:

Consider Approving Modification for COR Infiltration Basin Pumping Station Inlet

Purpose/Background:

The COR Infiltration Basin (Improvement Project 18-09) was designed to capture the first inch of runoff after a rainfall from properties in the COR. The design anticipated the normal water level in the pond would be at the top of the lift station inlet structure installed in the pond and water would flow over the top of the structure into the pumping chamber so the pumps could pump the water into the infiltration basins. The pumps were activated in July 2020 and tested for several weeks to ensure they were working properly.

Review of the operation logs indicated the pumps were cycling on multiple times an hour. Review of the level meter for the input well indicated the level in the wet well would drop below the pump cutoff level so the pumps would stop until the level increased. This was traced to insufficient flow into the pumping station if the water level was below the rim of the structure. then the only water that entered the structure was from seepage through the joints of the structure.

Staff had based the design of the inlet structure on several stormwater lift stations that were designed to provide relief for stormwater ponds without gravity outlets. Water reaching those ponds would build up until it was pumped out. The COR pond has an outlet that allows stormwater to flow out once stormwater enters the pond. Staff reviewed the design and determined that an inlet opening is required below the water surface in the pond to allow water to reach the pump chamber regardless of the level of the pond. It was also determined that the level of the pond outlet should be raised to retain the 1 inch storm, which will allow the pumps to remove the required volume of water before it leaves the pond and flows to the river.

The City utilized the services of Bolton and Menk, Inc for designing the pumping system and controls. Staff consulted with Bolton & Menk, Inc. to verify that the proposed changes will work.

Timeframe:

This discussion is anticipated to take 10 minutes.

Observations/Alternatives:

Staff prepared an estimate for the required work which will entail lowering the water level of the pond while work is proceeding, drilling an 18" diameter hole in the wall of the inlet structure, and constructing a wall on top of the current outlet structure wall. The new hole will allow water to reach the pump chamber regardless of the level of the pond. The new wall will retain the 1 inch storm in the pond while allowing the pumps to move the water to the infiltration basins constructed north of the pond. The new wall will have a small opening that will allow the pond level to return to normal over time. The work will also include installing a grate over the underwater opening to keep muskrats out of the structure.

Staff submitted the estimate to two contractors for quotes. The quotes are attached.

The quotes are summarized below:

Reshetar Systems , Inc. \$ 22,500.00

Dave Perkins Contracting, Inc. \$ 18,700.00

Funding Source:

Funding for this project will come from the stormwater utility fund.

Recommendation:

Staff recommends the Public Works Committee forward the quote from Dave Perkins Contracting, Inc. in the amount of \$ 18,700.00 to the City Council for acceptance of the quote and authorization to proceed with the work in 2021.

Action:

Motion to forward the quote for modification of the Infiltration Basin Pumping Station Inlet from Dave Perkins Contracting, Inc. in the amount of \$ 18,700.00 to the City Council for acceptance of the quote and authorization to proceed with the work in 2021.

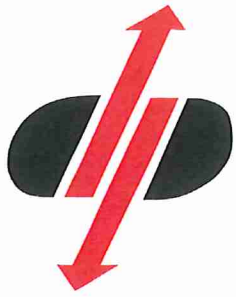
Attachments

Perkins

Reshetar

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	07/15/2021 11:49 AM
Grant Riemer	MaryJo Warner	07/15/2021 03:58 PM
Kurt Ulrich	MaryJo Warner	07/15/2021 04:00 PM
Form Started By: Len Linton		Started On: 07/13/2021 11:04 AM
Final Approval Date: 07/15/2021		



**dave
perkins
contracting
inc.**

19745 Nowthen Blvd. NW - Nowthen, MN 55303 * (763) 427-0109 * (763) 427-3806

May 24, 2021

City of Ramsey

REF: Rhinestone & Vet Drive

Sub: Storm Sewer Modification

Pump pond down core drill 18" hole into existing structure
Install the Haalas grate
Install weir wall

BID: \$18,700.00

BY: Rene Perkins (President)


Dave Perkins Contracting, Inc.

Grade & Backfill With Existing Material. No Soil Correction. No Haul Off. No Erosion Control. Staking By Others. Dewatering Extra If Required. Not Responsible For Private Utilities Locate By Others. Not Responsible For Any Unforeseen Circumstances Would Be Extra. No Sub Grade Stabilization. No Restoration. Permits Fees Paid By Owner. Add 1.5 % If Bond Required. Frost As Per Hourly Rate. Bid Good For 30 Days.

ACCEPTED BY: _____ DATE: _____

PRE-LIEN NOTICE

- (a) ANY PERSON OR COMPANY SUPPLYING LABOR OR MATERIALS FOR THIS IMPROVEMENT TO YOUR PROPERTY MAY FILE A LIEN AGAINST YOUR PROPERTY IF THAT PERSON OR COMPANY IS NOT PAID FOR THE CONTRIBUTIONS.
- (b) UNDER MINNESOTA LAW, YOU HAVE THE RIGHT TO PAY PERSONS WHO SUPPLIED LABOR OR MATERIALS FOR THIS IMPROVEMENT DIRECTLY AND DEDUCT THIS AMOUNT FROM OUR CONTRACT PRICE, OR WITHHOLD THE AMOUNTS DUE THEM FROM US UNTIL 120 DAYS AFTER COMPLETION OF THE IMPROVEMENT UNLESS WE GIVE YOU A LIEN WAIVER SIGNED BY PERSONS WHO SUPPLIED ANY LABOR OR MATERIALS FOR THE IMPROVEMENT AND WHO GAVE YOU TIMELY NOTICE.



Reshetar Systems, Inc.
 730 Bunker Lake Boulevard Northwest
 Anoka, MN 55303
 763.421.1152 Fax 763.421.1153

PROPOSAL

DATE: **14-Dec-20**

PROPOSAL NUMBER: **20-11497**

TO: **City of Ramsey**
 Attn: Aaron Madsen
amadsen.ci.ramsey.mn.us

PROJECT: **Veterans Drive Storm Water Pond**

PLAN DATE: **NA**
 ADDENDA: **NA**

Weir Wall And Grate Install

\$ 22,500.00

Labor and Materials for the following;
 Dewater pond as needed to perform work
 Dewater till curing process complete aprox 5-days
 Install new grate and Weir Wall
 Core Drill 18" diameter hole

Josh Holmstrom

This proposal may be withdrawn if not accepted within 14 days.

Josh Holmstrom

Direct (763) 286-8625

All materials to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, theft, and other necessary insurance. Our workers are fully covered by Worker's Comp. Insurance.

ACCEPTANCE OF PROPOSAL

The work described above is approved and payments are to be received within thirty days of invoice.

_____ Date of acceptance

Signed

Signed

Public Works Committee

5. 4.

Meeting Date: 07/20/2021

Submitted For: Bruce Westby, Engineering/Public Works

By: Joe Feriancek, Engineering/Public Works

Title:

Consider Recommending City Council Ordering of Plans and Specifications for Improvement Project #21-10, Fire Station No.1 Parking Lot Improvements

Purpose/Background:

Purpose:

The purpose of this case is to consider recommending City Council ordering plans and specifications for Improvement Project #21-10, Fire Station No. 1 Parking Lot Improvements.

Background:

Existing Parking Lot:

The existing parking lot was built in 2001, now 20 years old, with a mix of concrete curb and gutter and areas with no curb. No storm sewer inlets exist in the concrete curb and gutter, storm water flows to low points with curb cut openings. Drainage issues are apparent near the northern entrance to the site off of Armstrong Boulevard. Staff estimates approximately 10 percent of the pavement will require full-depth removal and replacement, due to poor condition beyond a mill and overlay fix. Four pavement cores were taken in various areas of the parking lot, 3 found a thickness of 2.25", 1 found a thickness of 2.75" of existing bituminous pavement.

Proposed Improvements:

Staff is proposing to mill 1.0" and overlay 1.5" of new bituminous pavement. The pavement near the northern entrance from Armstrong Boulevard back approximately 70 feet will be removed, and rebuilt to allow for proper drainage to the existing swale along Armstrong Boulevard. Four pedestrian ramp improvements will be required where the existing bituminous trail crosses the entrances, this is required anytime a mill and overlay improvement touches a pedestrian facility. Spot curb and gutter replacements and spot bituminous patching are also proposed. After paving, the parking lot is proposed to be marked to match the existing pavement marking layout. A preliminary site plan is attached to this case.

Utility Connections:

The fire station is currently served by an on-site well and septic field, which connect to the western side of the building. The 2021 – 2030 Capital Improvement Program list extending sanitary sewer, water, and adding a sprinkler system to fire station #1 in 2023. Water and sewer are both stubbed to the site, located in the green space south of the parking lot. Staff does not recommend extending services with this project due to the necessary length and location of the services. A more efficient connection would potentially come from the west side of the site, with future development. The throw away cost resulting from the mill and overlay of the parking lot where the future connection to the building would be made, are estimated to be \$2,700. Staff feels this cost is justified considering waiting an additional 2 years to mill and overlay the entire parking lot could potentially lead to more costly bituminous patching costs as the pavement continues to deteriorate. Copies of the Capital Improvement Program sheets are attached to this case.

Timeframe:

Staff estimates up to 10 minutes will be needed to present this case and respond to questions.

Observations/Alternatives:

Alternative #1 – Motion recommending City Council ordering of plans and specifications for Improvement Project #21-10, Fire Station No.1 Parking Lot Improvements.

Alternative #2 – Motion of other.

Funding Source:

Estimated project costs for the proposed Fire Station No. 1 parking lot improvements total \$92,000. This includes 14% indirect costs for administrative, engineering, legal and financing.

This project is proposed to be funded using the Facility Fund.

Recommendation:

Staff recommends Alternative #1.

Action:

Motion recommending City Council ordering of plans and specifications for Improvement Project #21-10, Fire Station No.1 Parking Lot Improvements.

Attachments

Fire Station Site Plan

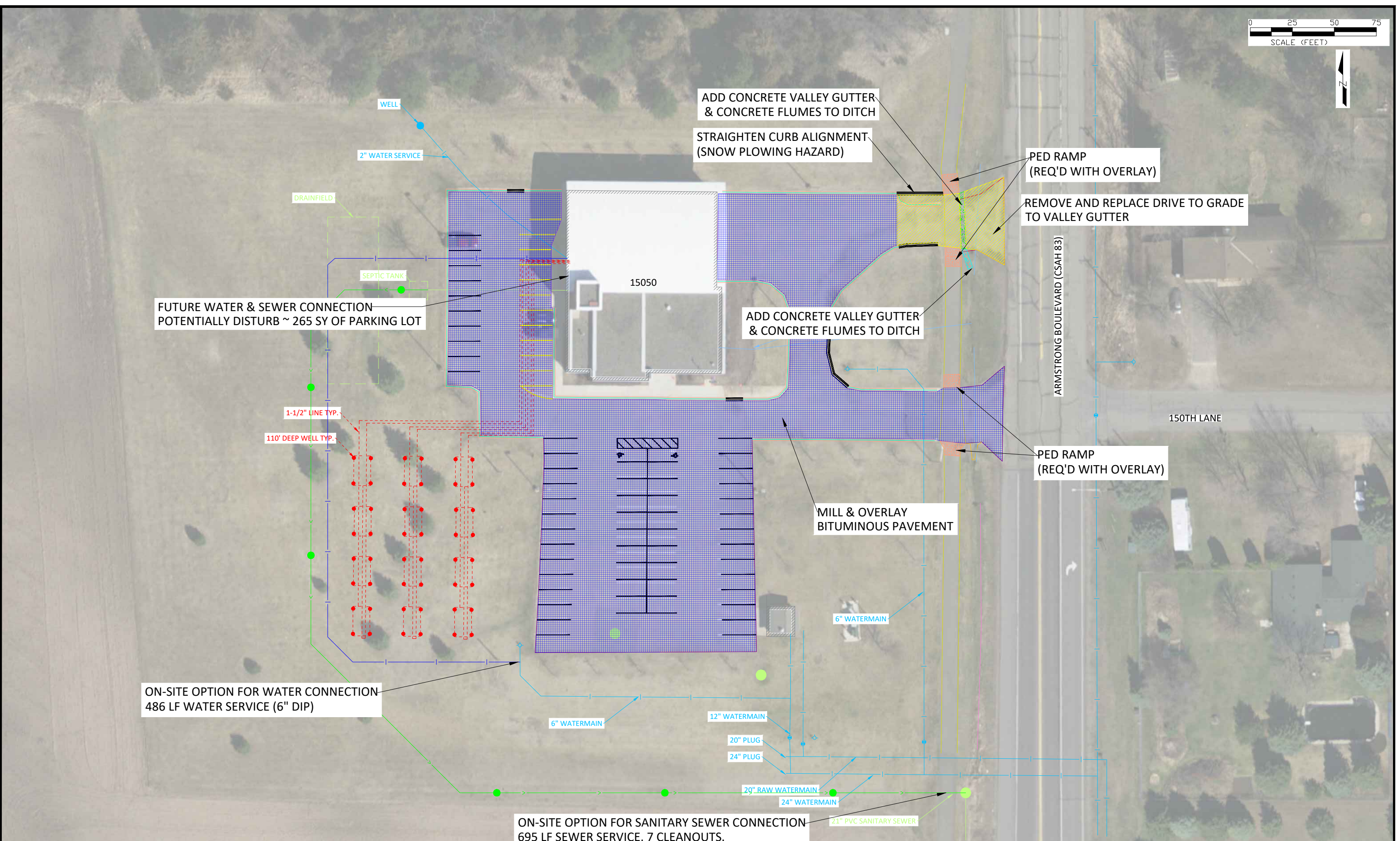
CIP Water Connection

CIP Sewer Connection

CIP Sprinkler System

Form Review

Inbox	Reviewed By	Date
Matt Kohner	Matt Kohner	07/15/2021 11:25 AM
Bruce Westby	Bruce Westby	07/15/2021 11:38 AM
Grant Riemer	MaryJo Warner	07/15/2021 03:58 PM
Kurt Ulrich	MaryJo Warner	07/15/2021 04:00 PM
Form Started By: Joe Feriancek		Started On: 07/12/2021 01:42 PM
Final Approval Date: 07/15/2021		



FUTURE WATER & SEWER CONNECTION
POTENTIALLY DISTURB ~ 265 SY OF PARKING LOT

ADD CONCRETE VALLEY GUTTER
& CONCRETE FLUMES TO DITCH

STRAIGHTEN CURB ALIGNMENT
(SNOW PLOWING HAZARD)

PED RAMP
(REQ'D WITH OVERLAY)

REMOVE AND REPLACE DRIVE TO GRADE
TO VALLEY GUTTER

ADD CONCRETE VALLEY GUTTER
& CONCRETE FLUMES TO DITCH

PED RAMP
(REQ'D WITH OVERLAY)

MILL & OVERLAY
BITUMINOUS PAVEMENT

ON-SITE OPTION FOR WATER CONNECTION
486 LF WATER SERVICE (6" DIP)

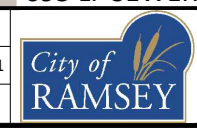
ON-SITE OPTION FOR SANITARY SEWER CONNECTION
695 LF SEWER SERVICE, 7 CLEANOUTS.

DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date XX/XX/XX Lic. No. XXXXX

DESIGNED BY:	JJF	DATE:	7/12/21
DRAWN BY:	JJF	FILE:	21-10
CHECKED BY:	JJF		



CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

SITE PLAN

FIRE STATION No.1 PARKING LOT IMPROVEMENTS
CITY PROJECT NO. 21-10
CITY OF RAMSEY, MINNESOTA

Capital Improvement Program
 City of Ramsey, Minnesota

2021 thru 2030

Project #	11-WTR-003
Project Name	Fire Station #1 Extension of Water

Department Water Utility
 Contact
 Type Improvement
 Useful Life 50 Years
 Category Water Utility Improvement
 Priority 4-New Addition (Med)
 Status Active

Total Cost \$55,000

Description
Extend municipal water from parking lot into Fire Station #1 building.
Related Project 12-SEW-002 \$60,000 Total Project Cost \$115,000

Justification
Treated water is currently at the west end of parking lot on the property. This extension would allow for the installation of a sprinkler system within the building while also improving water quality inside of the building. The current well would be used for irrigation on the site.
Trunk charges are waived for public buildings.

Expenditures	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Improvements Other than Building Cost			55,000								55,000
Total			55,000								55,000

Funding Sources	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Water Utility Fund			55,000								55,000
Total			55,000								55,000

Capital Improvement Program
 City of Ramsey, Minnesota

2021 *thru* 2030

Project # 12-SEW-002
 Project Name Fire Station 1 Sanitary Sewer Service

Department Sewer Utility
 Contact
 Type Improvement
 Useful Life 50 Years
 Category Sewer Utility Improvement
 Priority 4-New Addition (Med)
 Status Active

Total Cost \$60,000

Description
 Sanitary Sewer was extended to the Fire Station Property in 2011. This project will extend sanitary sewer into the fire station in conjunction with City Water. Sanitary trunk fees not waived.
 Related project 11-WTR-003 of \$55,000

Justification
 Extending sanitary sewer will allow removal of the septic tank and drainfield.

Expenditures	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Improvements Other than Building Cost			60,000								60,000
Total			60,000								60,000

Funding Sources	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Sewer Utility Fund			60,000								60,000
Total			60,000								60,000

Capital Improvement Program
 City of Ramsey, Minnesota

2021 *thru* 2030

Project # 10-BLDG-004
 Project Name Sprinkler System @ Fire Station #1

Department Municipal Buildings
 Contact
 Type Improvement
 Useful Life 20 Years
 Category Municipal Building
 Priority 4-New Addition (Med)
 Status Active

Total Cost \$25,000

Description
 Hookup on-site municipal water to building and install sprinkler system for entire building.

Justification
 Municipal water is on site with municipal well.

Expenditures	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Building Cost/Construction			20,000								20,000
Improvements Other than Building Cost			5,000								5,000
Total			25,000								25,000

Funding Sources	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Capital Maintenance Fund			25,000								25,000
Total			25,000								25,000

Public Works Committee

6. 1.

Meeting Date: 07/20/2021

By: Bruce Westby, Engineering/Public Works

Title:

Receive Staff Updates on Improvement Projects, Studies and Items of Interest

Purpose/Background:

Purpose/Background:

The purpose of this case is to update the Public Works Committee on current and proposed City, County and MnDOT improvement projects and studies, and on other items of interest to the Committee.

City Improvement Projects

- **Wetland 114P Outlet Control Improvements (#19-07)**
 - Work requested by Minnesota DNR
 - Construction proposed for 2022
- **Variolite Street Reconstruction (#20-01)**
 - Final payment summer 2021
- **Riverdale Drive Reconstruction – Feldspar St. to Sunfish Lake Blvd. (#21-00)**
 - Dolomite Street work complete except for turf establishment
 - Construction nearing substantial completion
- **Tiger Street Reconstruction (#21-02)**
 - Construction proposed to start week of August 2
 - Substantial completion by September 3
- **Business Park 95 Street Reconstructions (#21-03)**
 - Pavement reclaimed, curb and gutter being poured
- **2021 Neighborhood Pavement Overlay Improvements (#21-04)**
 - Omit 143rd Ave from Ramsey Blvd to Jasper St (conflicts with #21-08)
 - 2.5” OL on Saint Andrews Ln, Saint Andrews Ct and Inverness Ct (thin pavement, assuming no wear course placed following 9/11)
- **2021 MSA Pavement Overlay Improvements (#21-05)**
 - Construction in progress
- **2021 Crack Seal Improvements (#21-06)**
 - Construction anticipated mid-August
- **2021 WTP Trunk Watermain Improvements (#21-08)**
 - 95-percent plans nearly complete
 - Construction originally proposed for summer/fall 2021
 - Contractors recommend bidding in November, constructing in 2022
- **2021 Water Treatment Plant (#21-09)**
 - Submitted PPL & IUP funding applications
 - 5 proposals received for final design/bidding/construction administration
 - Selection Committee interviewing 3 consultants July 20
 - City Council awarding contract July 27
- **2021 Additional Pavement Overlay Improvements (#21-12)**
 - Bid opening July 19
 - Construction late summer/early fall 2021

Anoka County Improvement Projects

- **Roundabout at Armstrong Boulevard/CSAH 83 and Alpine Drive**
 - Anoka County received \$1.35M in HSIP funds (est. project cost = \$1.5M)
 - Anoka County and City of Ramsey share is \$150,000 each (per \$1.5M est.)
 - Construction proposed for 2023, pending City & County approvals
 - Anoka County presenting project at July 27 City Council work session
- **CSAH 116 Interim Improvements**
 - Adding right turn lane on Sunwood Dr west of Bunker Lk Blvd
 - Out for bids
 - City Council to consider approving JPA July 27 (and August 10, if needed)
 - Construction proposed to begin late August / early September, 2021
- **CSAH 116 & TH 47 Intersection Improvements**
 - Construction completion anticipated fall 2021

MnDOT Improvement Projects

- **US 10 / 169 & Ferry Street / TH 47 Interchange**
 - Construction proposed 2022 – 2023
- **Ferry Street / Trunk Highway 47 Grade Separation @ BNSF Rail Crossing**
 - Preliminary design on hold
 - MnDOT exploring realignment of Highway 47 to remove S-curve
 - Tentatively proposed for construction in 2024 or later
- **Rum River Bridge Replacement**
 - Construction proposed 2022 – 2023
 - Proposing three lanes between Highway 47 and 7th Street

Studies & Items of Interest

- **Anoka Solution Highway 10 Improvements**
 - Construction proposed 2022 – 2023
- **Ramsey Gateway Highway 10 Improvements**
 - Preliminary design in progress
 - Fully funded
- **NW Metro Mississippi River Crossing Feasibility Analysis**
 - Updates to be presented in September
- **Reduced Speed Limits on Local Streets**
 - No new requests received since last discussed
 - Staff continues to monitor actions in other cities

Timeframe:

Staff estimates up to 10 minutes will be needed for updates and discussion.

Observations/Alternatives:

N/A

Funding Source:

N/A

Recommendation:

Action:

No formal action required. For Committee review and discussion purposes only.

No file(s) attached.

Form Review

Inbox

Grant Riemer

Kurt Ulrich

Form Started By: Bruce Westby

Final Approval Date: 07/15/2021

Reviewed By

MaryJo Warner

MaryJo Warner

Date

07/15/2021 03:58 PM

07/15/2021 04:00 PM

Started On: 07/15/2021 11:51 AM

Public Works Committee

6. 2.

Meeting Date: 07/20/2021

By: Bruce Westby, Engineering/Public Works

Title:

Review Future Topics Calendar

Purpose/Background:

Attached is a calendar of future topics for review and discussion by the Public Works Committee. The calendar includes topics drawn from Committee requests received during meetings and/or unresolved topics previously discussed by the Committee. Calendar dates are subject to change based on the availability of information and required attendees, staff workload, and competing interests and objectives.

Timeframe:

Staff estimates less than 5 minutes will be necessary to review the future topics calendar and address questions.

Observations/Alternatives:

N/A

Funding Source:

N/A

Recommendation:

Staff recommends reviewing the attached calendar and to either approve the calendar by consensus or to direct Staff to revise the calendar as follows; _____.

Action:

No formal action required. For Committee review and discussion purposes only.

Attachments

PWC Calendar July2021

Form Review

Inbox	Reviewed By	Date
Grant Riemer	MaryJo Warner	07/15/2021 03:58 PM
Kurt Ulrich	MaryJo Warner	07/15/2021 04:00 PM
Form Started By: Bruce Westby		Started On: 07/15/2021 11:51 AM
Final Approval Date: 07/15/2021		

Public Works Committee Future Topics Calendar *

Date	Topics for Discussion – Committee Action
November 2021	Sunfish Lake Sedimentation Basin Improvements (<i>Westby</i>)
November 2021	Available Funding Assistance for Wet Basement Repairs (<i>Westby</i>)
Future/TBD	Sunwood Drive Roundabout Landscaping (<i>Riemer</i>)
Date	Topics for Discussion – Regulatory
Future/TBD	Sunfish Lake Boulevard Speed Study Results (<i>Westby</i>)
Future/TBD	Bunker Lake Boulevard Speed Study Results (<i>Westby</i>)
Future/TBD	County Ditch Maintenance / Buffer Law (<i>Westby</i>)
Date	Topics for Discussion – Policy
Future/TBD	Landscaped Median Maintenance Policy (<i>Riemer</i>)
September 2021	Draft Trail Maintenance Policy (<i>Westby</i>)
October 2021	Draft Stormwater Pond Maintenance Policy (<i>Westby</i>)
Date	Topics for Discussion – Planning and Budget
October 2021	Municipal State Aid System (MSAS) Revisions (<i>Westby</i>)
September 2021	Review 1996 and 2007 (unadopted) TH 47 Corridor Studies (<i>Westby</i>)
Future/TBD	Asset Management Program (<i>Westby</i>)
Date	Topics for Discussion – Staff Updates
Ongoing	Water Conservation Opportunities / Incentives (<i>Westby</i>)
September 2021	NW Metro Area Regional Surface Water Supply Study (<i>Westby</i>)
September 2021	TH 47 Safety Study (<i>Westby</i>)
Ongoing	NW Metro Mississippi River Crossing Feasibility Analysis (<i>Westby</i>)

* Dates subject to change based on availability of information, required attendees, staff workload, and competing interests and objectives.