

Memo

To: Public Works Utilities Committee
From: David De Angelis, Village Manager, Richard Paul Jr., Director of Public Works
Date: May 6, 2022
Re: Public Works Agenda May Meeting

Item 3: Presentation by Marquette University Engineering Students on Highland Pathway and discussion

Marquette University Students will present a conceptual pathway design to the committee. The presentation can be followed by a discussion of pathways.

Item 4: Update on Streambank Stabilization Project

Interfluve is completing the design. All permits are in order and submitted and design will be completed 2-3 weeks after permits are approved. There will be an alternative bid item for additional plantings including approx. 50 + potted trees, fruit shrubs, dogwood, etc. to provide area for birds, wildlife and pollinators. Interfluve is working towards bidding the project in July with plans likely wrapped up in mid-June. Interfluve suggested allowing for a flexible schedule until May 2023 to gain best project bids,

Item 5: Update on PP I/I

Included in your packet is a copy of the meeting agenda with MMSD. The agenda outlines the funding available for both PP I/I project as well as their new program for residents with more immediate needs for lateral repair called Pipe Check. Although there is a new lining product that is cured with LED lighting and has flexibility in the timeframe unlike the curing process for the standard CIPP, it is still not an approved option for the larger projects. R-M will be moving forward with completing the details for televising the remaining needed laterals in the Terrace Dr neighborhood as well as putting together the final work plan for the relay/pipe bursting options.

Item 6: Review and possible recommendation of Pave Bid results

Included in your packets are bid tab results and a memo for both the Watertown Plank Rd paving from Highland Dr to Pilgrim Pkwy for 2022 as well as the 2022 Pathway paving of the path along Elm Grove Rd from Watertown Plank Rd to Juneau Blvd. The committee should review the bids and possibly provide a recommendation to the Board for approval.

Item 7: Review and possible action of signal and street base with curb/gutter and sidewalk at Watertown Plank Rd and Elm Grove Rd

Included in your packet is a map and copy of estimates for reconstruction of a small segment of curb and gutter to be replaced as well as addressing some deteriorating bases that hold both a street light and traffic signal. The committee should review the details and

discuss whether or not to move forward with the project and what funding strategy should be utilized. The current street light is reusable but an upgrade to current size standards of the traffic signal should be done at this time. The US Bank is in need of replacing their sump/drain line which is under the sidewalk and will traverse to the catch basin that needs to be rebuilt as well, which makes this a timely project to address this section. The total cost of this project would be \$40,726.50. \$21,396.50 could be funded through stormwater in regards to the catch basin, curb and gutter. The outstanding \$19,330.00 is not funded in any account.

Item 8: Review and possible action on Emerald Woods Water Main Extension and conceptual Neighborhood Build Out Plan

Included in your packet is a map showing a conceptual Build Out Plan and Water Main extension for Emerald Woods Condo Development. This started towards the end of 2021 and has now progressed to the point where the City of Brookfield wants to receive approval from the PWUC in order to proceed with their process of review and approval by their Water Utility Board. Brookfield has been well engaged and on board with this to advance the plan forward but require the Elm Grove PWUC the ability to review before progressing. The committee shall review and make a possible recommendation for approval to the next step.