

VILLAGE OF ELM GROVE

13600 Juneau Boulevard

Elm Grove, WI 53122

PUBLIC WORKS UTILITIES COMMITTEE

Monday, April 10th, 2023 * 6:00 PM * Park View Room

AGENDA

1. Call Meeting to order.

Documents:

[*Meeting Memo 4-10-23.pdf*](#)

2. Review and act on minutes from March 13th, 2023 meeting.

Documents:

[*PW031323md.pdf*](#)

3. Update on Gebhardt Rd reconstruction, realignment and pathway

Documents:

[*2023-04-06_15-00-23.pdf*](#)

[*Gebhardt and Highland Reconditioning Estimate - 20230405.pdf*](#)

[*Gebhardt Road Reconstruction - Estimated Project Schedule - 20230317 Update \(002\).pdf*](#)

4. Update on Municipal Water

5. Update on Public Works Projects

6. Other Business

7. Adjourn

Any person who has a qualifying disability as defined by the Americans with Disabilities Act who requires that the meeting or materials for the meeting has to be in an accessible location or format

must contact the Village Clerk at 262-782-6700 or 13600 Juneau Boulevard by 3:00 PM Friday prior to the meeting so that any necessary arrangements can be made to accommodate your request.

NOTICE: It is possible that members of, and possibly a quorum of, other governmental bodies of the Village 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 in the above notice.

Memo

To: Public Works Utilities Committee
From: David De Angelis, Village Manager, Richard Paul Jr., Director of Public Works
Date: April 6, 2023
Re: Public Works Agenda April Meeting

Item 3: Update on Gebhardt Rd reconstruction, realignment and pathway

Included in your packet are the updated costs associated the project. Some considerations to discuss will include the tree removals, clearing and grubbing that could be performed by the DPW, as well as the cost for the section of Highland Dr. south of Gebhardt which is estimated around \$80-90K. The committee should review, discuss and act on a bid strategy.

Item 4: Update on Municipal Water

Staff will update the committee on the most current status of the project.

PUBLIC WORKS/UTILITIES (PWUC) COMMITTEE
MEETING MINUTES
Monday, March 13th, 2023 6:00 p.m., Court Room

1. Roll call.

Meeting was called to order at 6:02 pm by Mr. Schindler

Present: Mr. Schindler, Mr. Koleski, Mr. Casperson, Mr. Harley, and Via Zoom, Mr. McNamara, Ms. Cornell and Mr. Coons

Absent: None

Also Present: Mr. De Angelis, Mr. Paul, and Mr. Peter Gesch & Mr. Andy Petersen of Ruekert-Mielke.

2. Review and act on minutes for February 13th, 2023 Meeting.

Mr. Harley moved to approve the minutes as written and Mr. Casperson seconded to approve the February 13th, 2023 meeting minutes. Motion carried 7-0.

3: Update on Gebhardt Rd reconstruction, realignment and pathway

Mr. De Angelis introduced Mr. Peter Gesch and Mr. Andy Petersen of Ruekert-Mielke whom provided a presentation of the 75% plans of the Gebhardt Rd reconstruction, pathway and realignment.

As a recap, the project scope is to widen the roadway to a consistent 24' allowing for 12' lanes, realigning the intersection minimally to allow for better functioning by adding a dedicated turn lane as well as constructing a 6' pedestrian pathway in the ROW along the south side of the roadway. Additional projects include cutting down the hill for northbound Highland Dr. traffic as they approach Gebhardt Rd to allow for better visibility. This area of Highland Dr running from Gebhardt Rd to Westover Rd would also be paved.

Mr. Gesch pointed out that the updated design took into consideration the feedback received from the open house from 2022 as well as considerations of match points for drainage to properly function. It was noted that Village Staff do approve replacement of all of the culverts and driveway approaches affected and that there was consideration to ensure reasonable cross slopes for maintenance.

Mr. Gesch, staff and committee members fielded multiple questions from the residents whom attended ranging from inquiries to driveway replacement materials, traffic concerns, project duration, mailbox removal and installation, tree and foliage removals as well as concerns they have noted as safety factors. All items have been taken into account or will be reviewed before final plan submittals.

Discussion regarding whether the committee preferred to meet after 90-100% of the plan set was completed resulted in an agreement to meet for a special meeting perhaps late March or early April. This would be an opportunity to discuss further strategies for bidding while considering making some items alternatives or additional line items to bid to try and meet the approved referendum budget amount of \$1.3M.

The committee agreed to hold the special meeting as soon as plans were available for review.

4: Update on PP I/I Project

Mr. De Angelis informed the committee that the PP I/I open house is going to be taking place on Tuesday, March 14th, 2023 at 6:00 pm allowing any of the residents in the targeted program to view a presentation and have the opportunity to ask questions.

Mr. De Angelis noted we received a few permission slips from the residents already and would hope to get the rest soon after the open house before the April 14th, 2023 deadline.

Mr. De Angelis also noted that the City of Muskego received bids for their project exceeding the estimate by 30% and that the City was going back to MMSD to request more funding for the project.

5: Update on Public Works Projects

Mr. Paul informed the committee that the DPW has taken delivery of the entire allotment of salt for the season and are in a good position at this time. Mr. Paul also indicated that the DPW Foreman, Greg Wolfe, whom has worked with the Village is scheduled to retire on April 14th, 2023. Mr. Wolfe has worked with the Village since 1996. Unfortunately he sustained an ankle injury at the beginning of the month and will be off for a couple of weeks.

6: Other Business

None

7: Adjourn

Mr. Harley motioned and Mr. Koleski seconded to adjourn the meeting at 7:47 pm Motion carried 7-0.

Respectfully Submitted
Richard Paul, Jr.
Public Works Director

DRAFT

Richard Paul Jr

From: Gesch, Peter <PGesch@ruekert-mielke.com>
Sent: Thursday, April 6, 2023 2:57 PM
To: Richard Paul Jr; David De Angelis
Cc: Petersen, Anthony
Subject: RE: Updated Gebhardt Cost
Attachments: Gebhardt and Highland Reconditioning Estimate - 20230405.pdf; Gebhardt Road Reconstruction - Estimated Project Schedule - 20230317 Update.pdf

Dave/Richard –

Attached is the updated estimate showing the breakdown of our engineering costs, per our phone discussion. For the purpose of this estimate, I didn't break out any mandatory alternates, but if the Committee decides to go that route, we would definitely do that in the bidding documents.

The Construction Review time shown for \$100,000 assumes one on-site Construction Review Technician at 40-42 hours per week (five 8-hour days) for 17 weeks' worth of construction. This also includes punch listing work, attendance at a preconstruction meeting and other site meetings, as well as erosion control inspections which will be required with any WDNR permit that is received.

I also attached the updated schedule that I had sent on March 17th.

Let me know if you have any other questions at this time, otherwise we'll see you on Monday night.

Thanks!

Peter W. Gesch, P.E. (WI)
Project Engineer



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✉ PGesch@ruekert-mielke.com
🌐 ruekertmielke.com



Learn how our employee owners “make community possible” at R/M! [Watch Video](#)

From: Gesch, Peter
Sent: Thursday, April 6, 2023 1:39 PM
To: Richard Paul Jr <rpauljr@elmgrovwewi.org>; David De Angelis <ddeangelis@elmgrovwewi.org>
Cc: Petersen, Anthony <Apetersen@ruekert-mielke.com>
Subject: Updated Gebhardt Cost

Richard/Dave –

I've recalculated an estimate for this project. Attached is the current construction cost estimate for all of Gebhardt and Highland as we discussed at the meeting in March. We've refined this estimate with more precise calculated quantities (and a few assumptions) based on where the plans currently sit. We've also adjusted the unit prices to reflect some of

the bids we are seeing on other projects. This estimate is still a little fluid and will get updated as we finalize the plans, but I'm pretty comfortable with it.

In total, we estimate design and construction review/management efforts to be about \$225,000. This includes the design work already completed, design work left, and construction review/management of the project through project closeout.

The total combined cost of engineering plus construction costs is estimated to be around \$1,352,038.37.

I took a look at what the value of work is on Highland, south of where we need to cut down the hill, and that is about \$80,000-\$90,000. So if the Village opted not to do that part of the project, that could get you below the \$1.3M cap. Additionally, there is about \$25,000 worth of tree removal work that I am estimating that the Village could opt to do themselves.

Please let me know if you need anything else at this time.

Thanks,

Peter W. Gesch, P.E. (WI)

Project Engineer

ESTIMATED CONSTRUCTION COST

Village of Elm Grove

Revision Date: 4/5/2023

Gebhardt Road and Highland Drive Reconditioning

Item	Description	Unit	QTY	Unit Price	Total
GEBHARDT ROAD					
1	Traffic Control & Detour	L.S.	1	\$ 20,000.00	\$ 20,000.00
2	Erosion Control	L.S.	1	\$ 6,500.00	\$ 6,500.00
3	Tree Removal	L.S.	1	\$ 25,000.00	\$ 25,000.00
4	Full Depth Saw Cut Pavement (Match Points & Driveways)	L.F.	697	\$ 2.50	\$ 1,742.50
5	Pulverize & Reshape Roadway	S.Y.	6110	\$ 2.25	\$ 13,747.50
6	Driveway Removal	S.Y.	1151	\$ 5.00	\$ 5,752.78
7	Construct Pathway to Subgrade	L.F.	2118	\$ 22.00	\$ 46,599.67
8	Widen Road Subgrade (Existing Road)	L.F.	2259	\$ 8.00	\$ 18,072.00
9	Regrade Ditches	L.F.	3475	\$ 15.00	\$ 52,125.00
10	Grade Old Roadway Area	S.Y.	105	\$ 30.00	\$ 3,150.00
11	Construct Roadway to Subgrade (Realignment)	S.Y.	865	\$ 20.00	\$ 17,300.00
12	12"x18" Elliptical Storm Sewer	L.F.	494	\$ 68.00	\$ 33,598.80
13	14"x23" Elliptical Storm Sewer	L.F.	206	\$ 84.00	\$ 17,312.40
14	Concrete Elliptical Cross Culvert	L.F.	185	\$ 110.00	\$ 20,350.00
15	Concrete Elliptical End Section	E.A.	8	\$ 2,000.00	\$ 16,000.00
16	Storm Sewer Inlet Structure	E.A.	3	\$ 3,000.00	\$ 9,000.00
17	12" Concrete Storm Sewer	L.F.	110	\$ 90.00	\$ 9,900.00
18	Remove and Salvage Miscellaneous Landscaping (Path Construction)	L.S.	1	\$ 7,500.00	\$ 7,500.00
19	Base Patching - Remove & Replace 12-Inch Material (Pulverized Area)	S.Y.	1833	\$ 22.00	\$ 40,326.00
20	Excavation Below Subgrade (If Required)	C.Y.	224	\$ 26.00	\$ 5,817.93
21	Geogrid (If Required)	S.Y.	671	\$ 4.00	\$ 2,685.20
22	Excavation Below Subgrade Backfill (If Required)	TON	448	\$ 24.00	\$ 10,740.80
23	Crushed Aggregate Base Course	TON	1987	\$ 20.00	\$ 39,731.11
24	30" Concrete Curb & Gutter	L.F.	220	\$ 45.00	\$ 9,900.00
25	3" Asphaltic Concrete Binder Course	TON	1369	\$ 76.00	\$ 104,039.50
26	2" Asphaltic Concrete Surface Course	TON	913	\$ 84.00	\$ 76,660.69
27	3" Asphaltic Concrete Pathway (6-FT Wide)	TON	268	\$ 94.00	\$ 25,187.12
28	4" Asphaltic Concrete Pathway and Driveways in Two Layers	TON	278	\$ 90.00	\$ 25,031.82
29	6" Concrete Ramp and Landing	S.F.	360	\$ 20.00	\$ 7,200.00
30	Detectable Warning Fields	S.F.	48	\$ 50.00	\$ 2,400.00
31	Remove and Relocate Mailboxes	E.A.	17	\$ 300.00	\$ 5,100.00
32	Modular Block Retaining Wall	L.F.	125	\$ 60.00	\$ 7,500.00
33	Crushed Aggregate Shoulder	L.F.	4090	\$ 12.00	\$ 49,080.00
34	Paint Pavement Marking, Cross Walk, 6" (White)	L.F.	80	\$ 2.00	\$ 160.00
35	Paint Pavement Marking, Channel, 8" (White)	L.F.	185	\$ 3.00	\$ 555.00
36	Paint Pavement Marking, Stop Bar, 18" (White)	L.F.	110	\$ 6.00	\$ 660.00
37	Paint Pavement Marking, Double Centerline, 4" (Yellow)	L.F.	2255	\$ 0.90	\$ 2,029.50
38	Paint Pavement Marking, Fog Line, 4" (White)	L.F.	4682	\$ 0.90	\$ 4,213.80
39	Paint Pavement Marking, Arrows, Type 2 (White)	E.A.	1	\$ 150.00	\$ 150.00
40	Paint Pavement Marking, Words, Only (White)	E.A.	1	\$ 150.00	\$ 150.00
41	Topsoil, Fertilizer & Sod (Ditch Areas)	S.Y.	5143	\$ 12.00	\$ 61,713.33
42	Topsoil, Seed & Erosion Matting (Outside Ditches)	S.Y.	2417	\$ 8.00	\$ 19,336.89
HIGHLAND DRIVE					
43	Traffic Control	L.S.	1	\$ 20,000.00	\$ 20,000.00
44	Erosion Control	L.S.	1	\$ 5,000.00	\$ 5,000.00
45	Full Depth Saw Cut Pavement	L.F.	232	\$ 2.00	\$ 464.00

ESTIMATED CONSTRUCTION COST

Village of Elm Grove

Revision Date: 4/5/2023

Gebhardt Road and Highland Drive Reconditioning

45	Pulverize & Reshape Roadway	S.Y.	2,467	\$ 2.25	\$ 5,550.00
46	Driveway Removal	S.Y.	312	\$ 5.00	\$ 1,561.11
47	Grading/Excavation to Lower Hill	C.Y.	400	\$ 30.00	\$ 12,000.00
48	Grading to Match Side Slopes & Ditch Reconstruction	L.S.	1	\$ 15,000.00	\$ 15,000.00
49	Clearing & Grubbing for Vision Corners	L.S.	1	\$ 5,000.00	\$ 5,000.00
50	30" Concrete Curb & Gutter	L.F.		\$ 40.00	\$ -
51	Widen Road Subgrade (Existing Road)	L.F.	856	\$ 2.00	\$ 1,712.00
52	Base Patching - Remove & Replace 12-Inch Material (Pulverized Area)	S.Y.	740	\$ 22.00	\$ 16,280.00
53	Excavation Below Subgrade (If Required)	C.Y.	82	\$ 26.00	\$ 2,137.78
54	Geogrid (If Required)	S.Y.	247	\$ 4.00	\$ 986.67
55	Excavation Below Subgrade Backfill (If Required)	TON	164	\$ 24.00	\$ 3,946.67
56	4" Asphaltic Concrete Driveways in Two Layers	TON	79	\$ 90.00	\$ 7,134.60
57	3" Asphaltic Concrete Binder Course	TON	471	\$ 76.00	\$ 35,760.88
58	2" Asphaltic Concrete Surface Course	TON	314	\$ 84.00	\$ 26,350.12
59	Crushed Aggregate Base Course	TON	244	\$ 20.00	\$ 4,874.07
60	Crushed Aggregate Shoulder	L.F.	1,351	\$ 12.00	\$ 16,212.00
61	Paint Pavement Marking, Double Centerline, 4" (Yellow)	L.F.	730	\$ 0.90	\$ 657.00
62	Paint Pavement Marking, Fog Line, 4" (White)	L.F.	1,450	\$ 0.90	\$ 1,305.00
63	Regrade Ditches	L.F.	590	\$ 15.00	\$ 8,850.00
64	Topsoil, Fertilizer & Sod (Ditch Areas)	S.Y.	650	\$ 12.00	\$ 7,796.00
65	Topsoil, Seed & Erosion Matting (Outside Ditches)	S.Y.	248	\$ 8.00	\$ 1,983.11
	Sub Total				\$1,024,580.34
	Construction Contingencies			10.0%	\$102,458.03
	Estimated Total Construction Cost				\$1,127,038.37

Design Engineering	\$70,000.00
Construction Staking	\$25,000.00
Construction Review	\$100,000.00
Construction Management	\$30,000.00
Project Total Including All Engineering	\$1,352,038.37

