

Our intention is to have in-person meetings going forward. For the time being, we will hold the City Committee Meetings, Plan Commission, Council and most others at the Community Room at 933 Michigan Avenue. This in-person location will meet the legal requirement for our open meetings.

We will have a virtual option available, but the technology for the hybrid style meeting may not be reliable all of the time.

CITY OF STEVENS POINT BOARD OF PUBLIC WORKS MEETING

March 11, 2024 - 6:25 PM

(or immediately following previously scheduled meeting)

Community Room
933 Michigan Avenue, Stevens Point, WI

OR

Zoom Teleconferencing

Meeting ID: 867 7307 0035 | Passcode: 924077

By Computer: <https://us02web.zoom.us/j/86773070035?pwd=S09oczZRUUFKSVDzSHZjRVY5VHBDQT09>

By Phone: +1-312-626-6799 (US Chicago)

(A quorum of the City Council may attend this meeting)

AGENDA

Roll Call

Informational

1. Director's Report
 - a. Division and Church Streets Reconstruction Project.
 - b. East Park Commerce Center Badger Avenue Extension.
 - c. Forest Creek Subdivision.
 - d. Purchasing a mini-paver.

Discussion and Possible Action

2. To award the 2024 Curb, Gutter and Sidewalk Repair Program #24-05 to Wroblewski Concrete Construction, LLC out of Stevens Point for an amount not to exceed \$98,838.59.
3. To award the EPCC Badger Road Extension (EM Copps to CTH HH) Project #24-10 to Haas Sons, Inc. out of Thorp for an amount not to exceed \$5,041,736.42.

Adjourn

Meeting Rider

Any person who has special needs while attending this meeting or needing agenda materials for this meeting should contact the City Clerk as soon as possible to ensure a reasonable accommodation can be made. The City Clerk can be reached by telephone at (715) 346-1569, TDD # 346-1556 or by mail at 1515 Strongs Ave., Stevens Point, WI 54481.

Copies of ordinances, resolutions, reports and minutes of the committee meetings are on file at the office of the City Clerk for inspection during normal business hours from 7:30 a.m. to 4:00p.m.

City of Stevens Point
1515 Strong's Avenue
Stevens Point, WI 54481



Public Works

Engineering Department:
Phone: 715-346-1561
Fax: 715-346-1650

Streets Department:
Phone: 715-346-1537
Fax: 715-346-1687

March 6, 2024

DIRECTOR OF PUBLIC WORKS REPORT
Scott Beduhn

1. Engineering Division

- **Country Club Drive:**
 - Nothing new to report
- **Division and Church Streets Reconstruction Project:**
 - AECOM continues working towards the completion of a 30 percent design of the entire corridor.
 - The 30 percent design is nearly complete and should be ready before the end of the month.
 - Staff is considering holding an open house to share the 30 percent design with the public. The intent of the open house would be to have the 30 percent design available for review and staff available to receive site specific comments and answer basic questions.
 - AECOM is drafting agreements for the final design of the North and South Segments which should be ready for April meetings.
 - North Segment is currently anticipated to be constructed in 2025.
 - Construction of the South Segment is currently anticipated to start in 2026 beginning with the reconstruction of Post Road and Church Street from the south city limits to approximately Michigan Avenue as part of the STP-Urban grant.
- **Fall Paving Project:**
 - Nothing new to report
- **2022 Road Resurfacing Project:**
 - Nothing new to report.
- **Ridge Road Resurfacing Project:**
 - Nothing new to report.
- **2022 Street Improvement Project:**
 - Nothing new to report.
- **2023 Street Improvement Project:**
 - Nothing new to report.
- **2023 Road Resurfacing Project:**
 - Nothing new to report

- **2024 Street Improvement Project (Northside):**
 - The City's consulting engineer (Strand) is wrapping up the final design and the project will be bid later this month.
- **2024 Street Improvement Project (Southside):**
 - The City's consulting engineer (Clark Dietz) is wrapping up the final design and the project will be bid later this month.
- **East Park Commerce Center Badger Avenue Extension:**
 - The bid opening for this project was held March 7, 2024 at 11:00 a.m.
 - The lowest responsible bidder was xxxxxxxxxx in the amount of \$x,xxx,xxx.xx.
 - A preconstruction conference will likely be held later this month with construction anticipated to begin in April.
- **Forest Creek Subdivision:**
 - The bid opening for this project was held March 5, 2024 at 11:00 a.m.
 - The lowest responsible bid was submitted by A-1 Excavating in the amount of \$2,831,856.00.
 - The final plat for the subdivision has not yet been approved. The contract for this work will be awarded in April with construction anticipated to begin in May.
- **Curb Gutter and Sidewalk Repair Project:**
 - The bid opening for this project was held March 5, 2024.
 - A total of three bids were received with the lowest bid submitted by Wroblewski Concrete in an amount of \$85,946.60.
- **West Zinda Bridge:**
 - Nothing new to report
- **Michigan Avenue Underpass:**
 - This project is tentatively slated for construction in 2025 pending capital budget approval. Given the specialized work related to the storm sewer system serving the underpass and the coordination needed with Canadian National for work within the railroad right of way, staff will be reaching out to consulting engineers soon to begin planning and design efforts.
- **Division Street Concrete Joint Repairs:**
 - We are experiencing some early failure along the edges of some of the test repairs. We will continue to monitor but believe the failure is a result of the existing concrete quality and the shallowness of the repair in those areas.
- **Additional Miscellaneous Projects (purchase of a mini-paver):**
 - Engineering Staff continues gathering survey data and researching right of way for proposed 2025 roadway projects.
 - Engineering staff have been working with university staff on several fronts to improve the University environment. These include:
 - Discussions related to the future of North Division Street as part of the Business 51 planning study.
 - Discussions in conjunction with Community Development on the future of the old Maytag lot.
 - Discussions regarding the reconstruction of Fourth Avenue through campus which is tentatively scheduled for reconstruction in 2027.

- Staff continue to work with the Fire Department on engineering related issues for the Fire Training Facility.
- Staff continue to work with both the Fire Department and Police Department on building-related issues, predominately roofing concerns.
- Staff continue to work with the Utility Department on various water, sanitary and stormwater projects.
- Evaluating solutions to address historical delays in utility patching and minor road repairs.
 - Public Works staff have been working with Utility Department staff to identify solutions to address what has been historically slow response time from American Asphalt to complete road patches for minor utility work such as repair or replacement of utility manholes or water main break repairs.
 - Please see Superintendent Johnson's memo regarding the purchase of a mini-paver.

2. Streets Division

- **Continued Operations:**
 - Garbage and Recycling
 - Street Sign Compliance and replacement
 - Street Light Maintenance
 - Street Patching/Trumbull
 - Drop off Site Operations
- **Staffing:**
 - We received 33 applicants for the vacant streets maintenance worker position. Interviews are being conducted and we should be able to fill the position later in March.
- **Winter Operations:**
 - The department responded to a total of 2 winter events in the month of February, both were small storms that mostly resulted in salting A&B routes by our night crew and required no overtime.
- **Winter Work:**
 - With the unprecedented warm January, our crews are working on tasks that we would not normally perform in January/February.
- **Patching:**
 - We have gotten a very early start on patching; both the infrared and hot patcher have made an initial pass through the whole city.
- **Sweeping:**
 - We have completed one whole pass of the city so far this year. This typically would not be accomplished until April.
- **Forestry Work:**
 - During February, we've had a crew working with the Forestry Department on clearing trees infected with oak wilt.

- **Equipment maintenance/garage:**

- We will be having training on the new Collective Data system at the beginning of April. There was a total of 117 completed service orders in the month of February. This is up from 67 posted repairs in January. When broken down by department there are.

Water	5
Engineering	1
Inspection	0
Police	16
Parks	26
Fire	12
Streets	57

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Public Works

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March 4, 2024

To: Board of Public Works

From: Christopher Johnson, Streets Superintendent

Re: Purchase of Mini Paver

The Public Works Department and the Utilities Department have been exploring solutions to speed up patching repairs for both Public Works and Public Utility needs. Currently, the City contracts these repairs, often experiencing delays of weeks or even months.

To help solve this problem, we have investigated the potential of a mini-paver attachment for our skid steer. Limited options are available, with only two identified brands and only one dealer in the state. The most promising solution is the Pavijet MG7. The MG7 allows paving up to 6 feet wide in a single pass. Larger patches are possible with multiple passes of the mini-paver. We anticipate that this machine, with our in-house crews, will significantly reduce delays for utility patches, and extra costs added by contracting. An alternative attachment was considered; however, it was more expensive than the Pavijet.

As part of our exploration, staff did reach out to Wisconsin Rapids who currently utilize one of these machines. The feedback we received was very positive. In addition to reducing delays in utility patching, the mini-paver will provide the City with another tool to use to address minor road repairs.

The cost for the MG7 is \$50,500, with an additional \$12,000 needed for extra parts and training. We would also need a trailer to transport the unit to the jobsite at a cost of \$11,650 for a grand total of \$74,150.

Working with the Department of Public Utilities, the Utility Department will be taking a request to the Utility Commission to make the initial purchase of the paver and trailer. If approved, the Streets Department would then assume responsibility for patchwork, including material supply, at a rate of \$65 per square yard until providing an equivalent of work to cover the cost of the initial purchase. At that point, ownership of the asset would be transferred to the Public Work Department.

The acquisition of a mini-paver aims to better serve our residents through timely infrastructure repairs, with better results than currently available through contracted services.

Respectfully,

Christopher Johnson

City of Stevens Point
1515 Strongs Avenue
Stevens Point, WI 54481



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March 6, 2024

To: Board of Public Works

From: Scott Beduhn, Director of Public Works 

Re: Contract Award Recommendation
Curb, Gutter and Sidewalk Repair Project
Project 24-05

Bids for the annual Curb, Gutter and Sidewalk Repair Project were received on March 5, 2024. For the second year in a row, we have received multiple bids which is certainly nice to see. The bids are summarized in the attached bid tabulation.

A total of three bids were received and ranged between approximately \$86,000 to about \$120,000. The lowest bid was submitted by Wroblewski Concrete out of Stevens Point, Wisconsin. Wroblewski's bid is within the engineer's estimate for the work. The city has worked with Wroblewski in the past and the staff feels that their bid is responsible, and they are qualified and capable of performing the work.

It is staff's recommendation that the project be awarded to Wroblewski Concrete in an amount not to exceed \$98,838.59, including a 15 percent contingency.

If there are any questions, please do not hesitate to contact me.

Thank you.

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					Wroblewski Concrete Construction. LLC		BMD Concrete Innovations		Potrykus Construction	
Line Item	Item Code	Item Description	UofM	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	204.01	Removing Pavement	S.Y.	20	\$ 17.00	\$ 340.00	\$ 20.00	\$ 400.00	\$ 20.00	\$ 400.00
2	204.015	Removing Curb & Gutter	L.F.	170	\$ 5.00	\$ 850.00	\$ 5.00	\$ 850.00	\$ 11.00	\$ 1,870.00
3	204.0155	Removing Concrete Sidewalk	S.Y.	897	\$ 19.80	\$ 17,760.60	\$ 18.50	\$ 16,594.50	\$ 19.00	\$ 17,043.00
4	390.0203	Base Patching Asphaltic	S.Y.	30	\$ 1.00	\$ 30.00	\$ 100.00	\$ 3,000.00	\$ 100.00	\$ 3,000.00
5	416.016	Concrete Driveway (6-inch)	S.Y.	20	\$ 65.00	\$ 1,300.00	\$ 76.50	\$ 1,530.00	\$ 90.00	\$ 1,800.00
6	601.0324	Concrete Curb & Gutter (24-inch)	L.F.	70	\$ 0.30	\$ 21.00	\$ 38.00	\$ 2,660.00	\$ 50.00	\$ 3,500.00
7	601.0411	Concrete Curb & Gutter (30-inch) Type D	L.F.	50	\$ 0.35	\$ 17.50	\$ 40.00	\$ 2,000.00	\$ 50.00	\$ 2,500.00
8	602.0405	Concrete Sidewalk (4-inch)	S.F.	6320	\$ 7.00	\$ 44,240.00	\$ 7.50	\$ 47,400.00	\$ 10.00	\$ 63,200.00
9	602.0415	Concrete Sidewalk (6-inch)	S.F.	1750	\$ 8.25	\$ 14,437.50	\$ 8.00	\$ 14,000.00	\$ 11.00	\$ 19,250.00
10	602.0515	Curb Ramp Detectable Warning Field (Natural Patina)	S.F.	20	\$ 45.00	\$ 900.00	\$ 45.00	\$ 900.00	\$ 50.00	\$ 1,000.00
11	625.01	Topsoil	S.Y.	250	\$ 12.00	\$ 3,000.00	\$ 22.00	\$ 5,500.00	\$ 17.50	\$ 4,375.00
12	627.02	Mulching	S.Y.	250	\$ 3.00	\$ 750.00	\$ 4.00	\$ 1,000.00	\$ 3.00	\$ 750.00
13	629.0205	Fertilizer Type A	S.Y.	250	\$ 2.00	\$ 500.00	\$ 1.25	\$ 312.50	\$ 3.00	\$ 750.00
14	630.014	Seed Mixture No. 40	S.Y.	250	\$ 4.00	\$ 1,000.00	\$ 3.00	\$ 750.00	\$ 5.00	\$ 1,250.00
15	690.015	Sawcutting Asphalt	L.F.	200	\$ 4.00	\$ 800.00	\$ 4.00	\$ 800.00	\$ 4.00	\$ 800.00
		Total Bid:				\$ 85,946.60		\$ 97,697.00		\$ 121,488.00
		Total Bid w/ Contingency:				\$ 98,838.59		\$ 112,351.55		\$ 139,711.20

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March 7, 2024

To: Board of Public Works

From: Scott Beduhn, Director of Public Works 

Re: Contract Award Recommendation
2024 Badger Avenue Extension Project, Project 24-10

Bids for the Badger Avenue Extension Project were received on March 7, 2024. A total of six bids were received ranging from approximately \$4.38 million to \$5.06 million. The bids are summarized in the attached bid tabulation.

Bidding was competitive with the four lowest bids separated by less than six percent. The lowest bid was submitted by Haas Sons, Inc. out of Thorp, WI. Haas bid is also within the engineering estimate for the project. The City has worked with Haas in the past, most recently on the 2022 Road Resurfacing Project. Based upon their past performance staff believes that Haas is a responsible bidder and are qualified and capable of performing the work.

It is staff's recommendation that the project be awarded to Haas Sons, Inc. in an amount not to exceed \$5,041,736.42, including a 15 percent contingency.

If there are any questions, please do not hesitate to contact me.

Thank you.

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2024 East Park Commerce Center - Badger Road Project #24-10

Owner: City of Stevens Point

03/07/2024 11:00 AM CST

					Haas Sons, Inc.		Advance Construction Inc.		Integrity Grading and Excavating, Inc.		Earth Inc.		A-1 Excavating LLC		James Peterson Sons, Inc. - Utility Division	
Line Item	Item Code	Item Description	UoM	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
		GENERAL														
1	G-1	Mobilization	LS	1	\$502,500.00	\$502,500.00	\$59,000.00	\$59,000.00	\$114,000.47	\$114,000.47	\$85,000.00	\$85,000.00	\$110,000.00	\$110,000.00	\$118,445.00	\$118,445.00
2	G-2	Stone Tracking Pad	EACH	2	\$1.00	\$2.00	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1.00	\$2.00	\$2,500.00	\$5,000.00
3	G-3	Traffic Control	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$9,100.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00
4	G-4	Clearing, Grubbing, and Tree Removal	LS	1	\$15,831.00	\$15,831.00	\$10,800.00	\$10,800.00	\$22,000.00	\$22,000.00	\$7,500.00	\$7,500.00	\$12,000.00	\$12,000.00	\$24,000.00	\$24,000.00
5	G-5	Construct Roadway to Subgrade	LS	1	\$207,156.00	\$207,156.00	\$155,784.00	\$155,784.00	\$70,000.00	\$70,000.00	\$41,000.00	\$41,000.00	\$92,400.00	\$92,400.00	\$283,935.00	\$283,935.00
6	G-6	Finishing Roadway	LS	1	\$1.00	\$1.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$1.00	\$1.00
7	G-7	Excavation Below Subgrade (EBS)	CY	300	\$10.00	\$3,000.00	\$15.00	\$4,500.00	\$7.00	\$2,100.00	\$15.00	\$4,500.00	\$5.00	\$1,500.00	\$8.00	\$2,400.00
8	G-8	EBS Backfill	TON	600	\$16.77	\$10,062.00	\$15.00	\$9,000.00	\$25.70	\$15,420.00	\$15.00	\$9,000.00	\$5.00	\$3,000.00	\$20.00	\$12,000.00
9	G-9	Geogrid (EBS)	SY	900	\$5.25	\$4,725.00	\$6.00	\$5,400.00	\$4.57	\$4,113.00	\$5.00	\$4,500.00	\$2.00	\$1,800.00	\$2.78	\$2,502.00
10	G-10	12-Inch Crushed Aggregate Base Course	TON	14874	\$14.25	\$211,954.50	\$18.00	\$267,732.00	\$16.00	\$237,984.00	\$14.60	\$217,160.40	\$17.00	\$252,858.00	\$17.00	\$252,858.00
11	G-11	3.25-Inch Asphaltic Concrete Binder Course (2 MT 58-28 S)	TON	3510	\$79.30	\$278,343.00	\$79.30	\$278,343.00	\$79.30	\$278,343.00	\$80.00	\$280,800.00	\$80.00	\$280,800.00	\$79.30	\$278,343.00
12	G-12	2-Inch Asphaltic Concrete Surface Course (4 MT 58-34 H)	TON	2158	\$89.66	\$193,486.28	\$89.66	\$193,486.28	\$89.66	\$193,486.28	\$90.00	\$194,220.00	\$90.00	\$194,220.00	\$89.66	\$193,486.28
13	G-13	3-Inch Asphaltic Concrete Pedestrian Path (5 LT 58-28 S)	SF	38110	\$2.12	\$80,793.20	\$2.12	\$80,793.20	\$2.12	\$80,793.20	\$2.20	\$83,842.00	\$3.00	\$114,330.00	\$2.12	\$80,793.20
14	G-14	6-Inch Concrete Pedestrian Path Ramp	EACH	2	\$875.00	\$1,750.00	\$875.00	\$1,750.00	\$875.00	\$1,750.00	\$1,000.00	\$2,000.00	\$925.00	\$1,850.00	\$875.00	\$1,750.00
15	G-15	Curb Ramp Detectable Warning Field	SF	40	\$32.00	\$1,280.00	\$32.00	\$1,280.00	\$32.00	\$1,280.00	\$35.00	\$1,400.00	\$34.00	\$1,360.00	\$32.00	\$1,280.00
16	G-16	24-Inch Concrete Curb and Gutter	LF	7610	\$14.45	\$109,964.50	\$16.45	\$125,184.50	\$14.45	\$109,964.50	\$14.55	\$110,725.50	\$15.00	\$114,150.00	\$14.45	\$109,964.50
17	G-17	Full Depth Saw Cutting	LF	42	\$18.22	\$765.24	\$4.00	\$168.00	\$2.75	\$115.50	\$6.00	\$252.00	\$6.00	\$252.00	\$2.75	\$115.50
18	G-18	Inlet Protection - Type C	EACH	36	\$50.00	\$1,800.00	\$55.00	\$1,980.00	\$60.00	\$2,160.00	\$100.00	\$3,600.00	\$60.00	\$2,160.00	\$75.00	\$2,700.00
19	G-19	Silt Fence	LF	20625	\$1.75	\$36,093.75	\$1.75	\$36,093.75	\$1.30	\$26,812.50	\$1.50	\$30,937.50	\$0.20	\$4,125.00	\$1.75	\$36,093.75
20	G-20	Ditch Checks	LF	400	\$9.00	\$3,600.00	\$13.20	\$5,280.00	\$6.25	\$2,500.00	\$10.00	\$4,000.00	\$7.00	\$2,800.00	\$15.00	\$6,000.00
21	G-21	Topsoil, Seed, Fertilizer, and Hydro-Mulch w/Polymer Tackifier	LS	1	\$82,820.00	\$82,820.00	\$124,040.00	\$124,040.00	\$155,000.00	\$155,000.00	\$100,000.00	\$100,000.00	\$10,000.00	\$10,000.00	\$67,840.00	\$67,840.00
22	G-22	Stop Sign (R1-1, 36"x36") and Post	EACH	2	\$500.00	\$1,000.00	\$350.00	\$700.00	\$315.00	\$630.00	\$350.00	\$700.00	\$325.00	\$650.00	\$550.00	\$1,100.00
23	G-23	Keep Right Sign (R4-7, 24"x30") and Post	EACH	1	\$500.00	\$500.00	\$350.00	\$350.00	\$315.00	\$315.00	\$250.00	\$250.00	\$325.00	\$325.00	\$550.00	\$550.00
24	G-24	Construction Staking	LS	1	\$36,000.00	\$36,000.00	\$35,500.00	\$35,500.00	\$35,500.00	\$35,500.00	\$36,000.00	\$36,000.00	\$36,000.00	\$36,000.00	\$35,500.00	\$35,500.00
		SANITARY				\$626,278.00		\$1,117,610.00		\$1,185,098.00		\$1,255,700.00		\$1,346,030.00		\$1,296,392.86
25	SA-1	12-Inch PVC Sanitary Sewer w/Granular (Native) Backfill	LF	54	\$87.00	\$4,698.00	\$200.00	\$10,800.00	\$98.00	\$5,292.00	\$200.00	\$10,800.00	\$105.00	\$5,670.00	\$351.24	\$18,966.96
26	SA-2	24-Inch PVC Sanitary Sewer w/Granular (Native) Backfill	LF	3720	\$134.00	\$498,480.00	\$260.00	\$967,200.00	\$295.00	\$1,097,400.00	\$295.00	\$1,097,400.00	\$333.00	\$1,238,760.00	\$306.73	\$1,141,035.60
27	SA-3	48-Inch Sanitary Manhole w/Frame and Cover	EACH	10	\$12,300.00	\$123,000.00	\$13,861.00	\$138,610.00	\$8,000.00	\$80,000.00	\$14,400.00	\$144,000.00	\$9,980.00	\$99,800.00	\$13,414.73	\$134,147.30
28	SA-4	Imported Utility Trench Granular Backfill (If Needed)	CY	100	\$1.00	\$100.00	\$10.00	\$1,000.00	\$24.06	\$2,406.00	\$35.00	\$3,500.00	\$18.00	\$1,800.00	\$22.43	\$2,243.00
		WATER				\$561,030.00		\$559,940.00		\$596,043.00		\$639,090.00		\$597,540.00		\$740,118.57
29	W-1	12-Inch PVC Water Main w/Granular (Native) Backfill	LF	5550	\$67.20	\$372,960.00	\$67.50	\$374,625.00	\$76.00	\$421,800.00	\$82.00	\$455,100.00	\$74.00	\$410,700.00	\$94.38	\$523,809.00
30	W-2	12-Inch Water Main Valve	EACH	17	\$4,900.00	\$83,300.00	\$4,857.00	\$82,569.00	\$4,061.00	\$69,037.00	\$4,850.00	\$82,450.00	\$4,510.00	\$76,670.00	\$5,825.40	\$99,031.80
31	W-3	Hydrant Assembly	EACH	11	\$7,800.00	\$85,800.00	\$7,865.00	\$86,515.00	\$7,250.00	\$79,750.00	\$7,000.00	\$77,000.00	\$8,335.00	\$91,685.00	\$8,478.00	\$93,258.00
32	W-4	Flushing Assembly	EACH	3	\$1,850.00	\$5,550.00	\$1,557.00	\$4,671.00	\$2,100.00	\$6,300.00	\$2,600.00	\$7,800.00	\$1,465.00	\$4,395.00	\$1,371.54	\$4,114.62
33	W-5	Relocate Hydrant Assembly	EACH	1	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	\$2,950.00	\$2,950.00	\$1,500.00	\$1,500.00	\$1,650.00	\$1,650.00	\$1,195.35	\$1,195.35
34	W-6	6-Inch Hydrant Lead	LF	220	\$46.00	\$10,120.00	\$43.00	\$9,460.00	\$69.00	\$15,180.00	\$62.00	\$13,640.00	\$52.00	\$11,440.00	\$79.59	\$17,509.80
35	W-7	Pipe Insulation	LF	100	\$17.00	\$1,700.00	\$6.00	\$600.00	\$10.26	\$1,026.00	\$16.00	\$1,600.00	\$10.00	\$1,000.00	\$12.00	\$1,200.00
		STORM				\$583,399.30		\$613,642.00		\$585,757.00		\$644,305.00		\$729,525.00		\$646,287.23
36	ST-1	Storm Water Facility	LS	1	\$121,213.05	\$121,213.05	\$90,370.00	\$90,370.00	\$140,000.00	\$140,000.00	\$141,000.00	\$141,000.00	\$166,100.00	\$166,100.00	\$24,000.00	\$24,000.00
37	ST-2	12-Inch HDPE CL III-A Storm Sewer w/Granular (Native) Backfill	LF	1040	\$38.00	\$39,520.00	\$46.00	\$47,840.00	\$37.00	\$38,480.00	\$37.00	\$38,480.00	\$49.00	\$50,960.00	\$75.37	\$78,384.80
38	ST-3	15-Inch HDPE CL III-A Storm Sewer w/Granular (Native) Backfill	LF	755	\$40.50	\$30,577.50	\$48.00	\$36,240.00	\$39.00	\$29,445.00	\$44.00	\$33,220.00	\$51.00	\$38,505.00	\$58.79	\$44,386.45
39	ST-4	18-Inch HDPE CL III-A Storm Sewer w/Granular (Native) Backfill	LF	1050	\$43.50	\$45,675.00	\$52.00	\$54,600.00	\$42.00	\$44,100.00	\$46.00	\$48,300.00	\$57.00	\$59,850.00	\$63.52	\$66,696.00
40	ST-5	24-Inch HDPE CL III-A Storm Sewer w/Granular (Native) Backfill	LF	1175	\$52.25	\$61,393.75	\$62.00	\$72,850.00	\$51.00	\$59,925.00	\$57.00	\$66,975.00	\$71.00	\$83,425.00	\$79.81	\$93,776.75
41	ST-6	36-Inch HDPE CL III-A Storm Sewer w/Granular (Native) Backfill	LF	915	\$71.00	\$64,965.00	\$85.00	\$77,775.00	\$79.00	\$72,285.00	\$82.00	\$75,030.00	\$105.00	\$96,075.00	\$131.99	\$120,770.85
42	ST-7	48-Inch HDPE CL III-A Storm Sewer w/Granular (Native) Backfill	LF	50	\$95.50	\$4,775.00	\$128.50	\$6,425.00	\$104.00	\$5,200.00	\$122.00	\$6,100.00	\$150.00	\$7,500.00	\$195.13	\$9,756.50
43	ST-8	48-Inch Storm Manhole w/Frame and Cover	EACH	8	\$3,500.00	\$28,000.00	\$3,536.00	\$28,288.00	\$3,600.00	\$28,800.00	\$5,000.00	\$40,000.00	\$3,665.00	\$29,320.00	\$3,625.72	\$29,005.76
44	ST-9	60-Inch Storm Manhole w/Frame and Cover	EACH	6	\$6,300.00	\$37,800.00	\$6,176.00	\$37,056.00	\$5,450.00	\$32,700.00	\$8,500.00	\$51,000.00	\$5,610.00	\$33,660.00	\$6,511.86	\$39,071.16
45	ST-10	72-Inch Storm Manhole w/Frame and Cover	EACH	2	\$9,900.00	\$19,800.00	\$9,513.00	\$19,026.00	\$8,470.00	\$16,940.00	\$12,600.00	\$25,200.00	\$9,010.00	\$18,020.00	\$8,846.98	\$17,693.96
46	ST-11	24-Inch Drain Basin w/Frame and Grate	EACH	36	\$3,450.00	\$124,200.00	\$3,822.00	\$137,592.00	\$3,040.00	\$109,440.00	\$3,100.00	\$111,600.00	\$3,875.00	\$139,500.00	\$3,204.62	\$115,366.32
47	ST-12	18-Inch Apron Endwall with Grate	EACH	1	\$600.00	\$600.00	\$480.00	\$480.00	\$925.00	\$925.00	\$750.00	\$750.00	\$750.00	\$750.00	\$535.18	\$535.18
48	ST-13	48-Inch Apron Endwall with Grate	EACH	1	\$3,350.00	\$3,350.00	\$3,500.00	\$3,500.00	\$4,318.00	\$4,318.00	\$4,800.00	\$4,800.00	\$4,190.00	\$4,190.00	\$4,143.50	\$4,143.50
49	ST-14	Medium Riprap	CY	3	\$90.00	\$270.00	\$90.00	\$270.00	\$245.00	\$735.00	\$150.00	\$450.00	\$90.00	\$270.00	\$200.00	\$600.00
50	ST-15	Heavy Riprap	CY	14	\$90.00	\$1,260.00	\$95.00	\$1,330.00	\$176.00	\$2,464.00	\$100.00	\$1,400.00	\$100.00	\$1,400.00	\$150.00	\$2,100.00
		ELECTRIC				\$409,913.00		\$409,913.00		\$393,700.00		\$413,000.00		\$412,213.00		\$414,012.13
51	E-1	Street Lighting System	LS	1	\$339,328.00	\$339,328.00	\$339,328.00	\$339,328.00	\$353,700.00	\$353,700.00	\$348,000.00	\$348,000.00	\$340,628.00	\$340,628.00	\$342,721.28	\$342,721.28
52	E-2	Fiber Duct System	LS	1	\$70,585.00	\$70,585.00	\$70,585.00	\$70,585.00	\$40,000.00	\$40,000.00	\$65,000.00	\$65,000.00	\$71,585.00	\$71,585.00	\$71,290.85	\$71,290.85
		CTH "HH" INTERSECTION				\$419,570.86		\$487,109.80		\$475,442.30		\$449,176.50		\$422,584.00		\$442,561.20
53	HH-1	Traffic Control	LS	1	\$7,480.00	\$7,480.00	\$7,480.00	\$7,480.00	\$9,100.00	\$9,100.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$7,480.00	\$7,480.00

54	HH-2	Construct Roadway to Subgrade	LS	1	\$15,000.00	\$15,000.00	\$21,605.00	\$21,605.00	\$10,880.00	\$10,880.00	\$26,000.00	\$26,000.00	\$36,826.00	\$36,826.00	\$33,865.00	\$33,865.00
55	HH-3	Finishing Roadway	LS	1	\$1.00	\$1.00	\$1,000.00	\$1,000.00	\$7,610.00	\$7,610.00	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$1.00	\$1.00
56	HH-4	Geogrid Subgrade Reinforcement for CTH HH Turn Lanes	SY	750	\$4.25	\$3,187.50	\$6.00	\$4,500.00	\$3.66	\$2,745.00	\$5.00	\$3,750.00	\$2.30	\$1,725.00	\$2.78	\$2,085.00
57	HH-5	12-Inch Crushed Aggregate Base Course	TON	3000	\$16.25	\$48,750.00	\$18.00	\$54,000.00	\$19.50	\$58,500.00	\$16.00	\$48,000.00	\$17.00	\$51,000.00	\$15.66	\$46,980.00
58	HH-6	CTH HH Shoulder Grading and Gravel	LF	2800	\$2.81	\$7,868.00	\$7.00	\$19,600.00	\$8.00	\$22,400.00	\$3.50	\$9,800.00	\$2.50	\$7,000.00	\$2.25	\$6,300.00
59	HH-7	Remove and Replace Existing Signage	EACH	4	\$150.00	\$600.00	\$400.00	\$1,600.00	\$352.00	\$1,408.00	\$150.00	\$600.00	\$150.00	\$600.00	\$350.00	\$1,400.00
60	HH-8	3.25-Inch Asphaltic Concrete Binder Course (2 MT 58-28 S)	TON	1375	\$81.84	\$112,530.00	\$81.84	\$112,530.00	\$81.84	\$112,530.00	\$83.00	\$114,125.00	\$82.00	\$112,750.00	\$81.84	\$112,530.00
61	HH-9	2-Inch Asphaltic Concrete Surface Course (4 MT 58-34 H)	TON	975	\$93.10	\$90,772.50	\$93.10	\$90,772.50	\$93.10	\$90,772.50	\$93.50	\$91,162.50	\$93.20	\$90,870.00	\$93.10	\$90,772.50
62	HH-10	Yellow Pavement Markings	LF	3400	\$2.25	\$7,650.00	\$2.25	\$7,650.00	\$2.25	\$7,650.00	\$2.30	\$7,820.00	\$2.35	\$7,990.00	\$2.25	\$7,650.00
63	HH-11	White Pavement Markings	LF	3875	\$1.50	\$5,812.50	\$1.50	\$5,812.50	\$1.50	\$5,812.50	\$1.60	\$6,200.00	\$1.60	\$6,200.00	\$1.50	\$5,812.50
64	HH-12	Pavement Markings Words and Arrows	EACH	12	\$350.00	\$4,200.00	\$350.00	\$4,200.00	\$350.00	\$4,200.00	\$350.00	\$4,200.00	\$360.00	\$4,320.00	\$350.00	\$4,200.00
65	HH-13	Pavement Pulverizing, Shaping, and Grading	SY	4720	\$2.50	\$11,800.00	\$2.00	\$9,440.00	\$2.00	\$9,440.00	\$3.50	\$16,520.00	\$2.00	\$9,440.00	\$2.55	\$12,036.00
66	HH-14	3-Inch Asphaltic Concrete Pedestrian Path (5 LT 58-28 S)	SF	2715	\$2.12	\$5,755.80	\$2.12	\$5,755.80	\$2.12	\$5,755.80	\$2.40	\$6,516.00	\$3.00	\$8,145.00	\$2.12	\$5,755.80
67	HH-15	24-Inch Concrete Curb and Gutter	LF	1120	\$14.45	\$16,184.00	\$16.45	\$18,424.00	\$14.45	\$16,184.00	\$14.75	\$16,520.00	\$15.00	\$16,800.00	\$14.45	\$16,184.00
68	HH-16	Full Depth Saw Cutting	LF	48	\$18.22	\$874.56	\$4.00	\$192.00	\$2.75	\$132.00	\$6.00	\$288.00	\$6.00	\$288.00	\$2.75	\$132.00
69	HH-17	Ditch Checks	LF	250	\$9.00	\$2,250.00	\$13.20	\$3,300.00	\$6.25	\$1,562.50	\$10.00	\$2,500.00	\$7.00	\$1,750.00	\$15.00	\$3,750.00
70	HH-18	Topsoil, Seed, Fertilizer, and Hydro-Mulch w/Polymer Tackifier	LS	1	\$15,275.00	\$15,275.00	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00	\$20,000.00	\$20,000.00	\$1,000.00	\$1,000.00	\$9,450.00	\$9,450.00
71	HH-19	19x30-Inch HERCP Apron Endwall with Grate	EACH	2	\$2,910.00	\$5,820.00	\$2,729.00	\$5,458.00	\$2,400.00	\$4,800.00	\$3,600.00	\$7,200.00	\$3,170.00	\$6,340.00	\$3,375.70	\$6,751.40
72	HH-20	19x30-Inch HERCP CL IV Culvert	LF	250	\$141.00	\$35,250.00	\$130.00	\$32,500.00	\$124.00	\$31,000.00	\$160.00	\$40,000.00	\$147.00	\$36,750.00	\$165.02	\$41,255.00
73	HH-21	18-inch CMP Culvert Extension	LF	20	\$80.00	\$1,600.00	\$60.00	\$1,200.00	\$118.00	\$2,360.00	\$75.00	\$1,500.00	\$77.00	\$1,540.00	\$243.20	\$4,864.00
74	HH-22	Ditch Grading along CTH HH w/Class 2, TYPE B Erosion Matting	LF	2550	\$8.20	\$20,910.00	\$11.80	\$30,090.00	\$12.00	\$30,600.00	\$4.50	\$11,475.00	\$5.00	\$12,750.00	\$9.14	\$23,307.00
BASE BID TOTAL:						\$4,384,118.63		\$4,589,279.53		\$4,604,407.75		\$4,631,658.90		\$4,747,474.00		\$5,057,829.22
BASE BID w/CONTINGENCY TOTAL:						\$5,041,736.42		\$5,277,671.46		\$5,295,068.91		\$5,326,407.74		\$5,459,595.10		\$5,816,503.60