

9. Review and consideration of Sustainable La Crosse Commission report
10. Review and consideration of soil borings for Green Coulee Reservoir Project
11. Review and consideration of change order #1 for 2019 miscellaneous concrete project
12. Review and Consideration of Change Order #1 for 2019 Abbey Road Reconstruction Project
13. Review and Consideration of Change Order #1 for Crestwood Booster Station Project
14. Pay Estimates: Strand Associates, Short Elliot Hendrickson Inc., Mathy Construction, Gerke Excavating, Davy Engineering, MSA Professional service, Olympic Builders, Fowler and Hammer, A-1 Excavating, HSR Associates, All American Lumber, and any other contractor/developer
15. Adjournment

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item:

#4

Project/Item Name: 2020 Capital Improvements Budget

Location: Citywide

Requested Action: Public hearing on proposed budget

Staff Report/Description: Attached is the proposed 2020 Capital improvements Budget. Public hearing will be held at the Board of Public Woks meeting for the proposed budget. Budget will be forwarded to the December 10, 2019 Common Council meeting for action.

Attachments: Proposed 2020 Capital Improvements Budget and public hearing notice

**NOTICE OF PUBLIC HEARING
BEFORE THE CITY OF ONALASKA
BOARD OF PUBLIC WORKS**

The Board of Public Works will meet in the Common Council Chambers at the Onalaska City Hall on:

**Tuesday, December 3, 2019
6:30 p.m.**

for the purpose of the Public Hearing on the proposed 2020 Capital Improvements Budget for the City of Onalaska. The complete proposed budget is open for inspection in the Office of the City Clerk/Finance Department at the City Hall, 415 Main Street, Onalaska WI 54650, on Monday through Friday of each week between the hours of 8:00a.m. to 5:00p.m.

The proposed capital project fund calls for the total expenditures of \$8,488,431 in project costs. The funds already bonded through public hearings and available are \$3,182,750 plus funds from other revenue sources of \$156,738 for a total of \$5,148,943. In addition, there is an estimated issuance cost of \$129,000 for a grand total of \$5,277,943. Estimated issuance costs includes Underwriter's Discount. It is assumed that a portion, if not all, of the issuance costs will be paid by a "premium" thereby reducing the projected grand total.

Dated this 6th day of November, 2019

Fred Buehler
Financial Services Director/Treasurer

CITY OF ONALASKA
2020 Capital Improvement Projects - Proposed

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed by Borrowing</u>
<u>I. Public Works Department</u>									
1. Sidewalk program - Annual (NEW)									
a. Sidewalk replacement program	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ 75,000
b. Miscellaneous repairs throughout City (including ADA ramps)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ 25,000
2. Pavement maintenance (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	2017 CIP 142,000	\$ -	\$ 158,000
3. Green Coulee intersection improvements at East Main St (2015 #16, 2016 #7, 2017 #6, 2018 #6, 2019 #4)									
a. Design									
1) Schematic Design	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	100,000	\$ -	\$ -
2) Preliminary Design	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	100,000	\$ -	\$ -
3) Final Design	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	-	\$ -	\$ 50,000
4) Construction (Round about) (\$1,300,000)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	-	\$ -	\$ 50,000
4. Sand Lake Rd reconstruction - Redwood St to Riders Club Rd (2016 #14, 2017 #7, 2018 #7, 2019 #5)									
a. Design (2020)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 50,000
b. Construction (2020) - Mill/Overlay (PASER 3.0)	\$ -	\$ -	\$ -	\$ -	\$ 217,000	\$ 217,000	\$ -	\$ -	\$ 217,000
c. Access improvements & additional capacity (2025)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5. Railroad quiet zone study 2nd Ave SW & Irvin St									
a. Design Study (2013 #24, 2017 #3 & 2018 #3)	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	15,000	\$ -	\$ -
b. Construction (2017 #3, 2018 #3 & 2019 #7)	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	30,000	\$ -	\$ -
6. Street paving - Pinecrest Ln, Valley Ct, 13th Ave S, (2017 #22, 2018 #10, 2019 #8) (PASER 2.5)	\$ -	\$ -	\$ -	\$ -	\$ 139,000	\$ 139,000	\$ -	\$ -	\$ 139,000
7. Street paving - Troy St from East Ave to Oak & 6th Ave N from Troy to Vilas (2019 #21) (PASER 3.0)	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000	\$ -	\$ -	\$ 70,000

CITY OF ONALASKA
2020 Capital Improvement Projects - Proposed

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed by Borrowing</u>
<u>I. Public Works Department (Cont'd)</u>									
8. Green Coulee water high service zone improvements Reservoir Design (2016 #9, 2017 #17, 2018 #10, 2019 #12)									
a. Design	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ -
b. Construction (2020) Est. \$1,000,000	\$ -	\$ 1,250,000	\$ -	\$ -	\$ -	\$ 1,250,000	\$ 1,250,000	\$ -	\$ -
9. <u>Traffic signal replacement/renovation</u> (2018 #29, 2019 #18)									
a. Theater Rd & East Main St	\$ -	\$ -	\$ -	\$ -	\$ 170,000	\$ 170,000	\$ -	\$ -	\$ 170,000
10. Sand Lake Rd street lighting - Rolling Oaks to CTH SN (2018 #33, 2019 #20) Standard lighting									
	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 15,000
11. Update existing HVAC controls @ Public Works facility (2019 #34)									
	\$ 2,500	\$ 2,500	\$ 2,500	\$ -	\$ 2,500	\$ 10,000	\$ -	\$ -	\$ 10,000
12. Fiber computer cable from City Hall to Public Works Facility & Library (2019 #35)									
a. Design (2018)	\$ 10,000	\$ 10,000	\$ 3,000	\$ -	\$ 10,000	\$ 33,000	\$ 33,000	\$ -	\$ -
						G \$100,000 S \$50,000 W \$50,000			
b. Construction (2019/2020)	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 200,000	\$ 300,000	\$ 200,000	\$ -	\$ 100,000
13. SCADA System upgrades (2020)									
	\$ 44,000	\$ 76,000	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000	\$ -	\$ -
14. Street paving - 10th Ave N from Monroe to Well, Pierce St from 10th to 11th, Larch, Monroe St from 9th to end (NEW) (PASER 3.0)									
	\$ -	\$ -	\$ -	\$ -	\$ 199,000	\$ 199,000	\$ -	\$ -	\$ 199,000
15. End loader - replace 1996 (NEW)									
	\$ -	\$ -	\$ -	\$ -	\$ 188,000	\$ 188,000	\$ -	\$ -	\$ 188,000
16. Street paving - Oak Ave N from Grove St to Riders (NEW) Club Rd, Green Ridge Dr, Westwood Dr from Pine St to 10th Ave N, Grove St from Cliffview Ave to 10th Ave N, Grove St from Oak to Pine & Parkridge Pl (PASER 2.5)									
	\$ -	\$ -	\$ -	\$ -	\$ 324,000	\$ 324,000	\$ -	\$ -	\$ 324,000

CITY OF ONALASKA
2020 Capital Improvement Projects - Proposed

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed by Borrowing</u>
<u>I. Public Works Department (Cont'd)</u>									
17. Street reconstruction - Sunset Vista Subdivision (2018 #62)							\$ 590,000		G \$207,500
							W \$165,000		\$ \$16,500
							SW \$23,000		sw \$7,000
a. West Ave - Troy St to Royal	\$ 90,000	\$ 181,500	\$ 30,000	\$ -	\$ 207,500	\$ 509,000	\$ 278,000		\$ 231,000
									G \$118,000
							sw \$39,000		sw \$4,000
b. Park Ave W - Troy St to Park	\$ -	\$ -	\$ 43,000	\$ -	\$ 118,000	\$ 161,000	\$ 39,000		\$ 122,000
									G \$195,500
							S \$129,000		\$ \$22,000
							W \$153,000		W \$28,000
							SW \$25,000		SW \$5,000
c. Park Ave - Troy St to Royal St	\$ 151,000	\$ 181,000	\$ 30,000	\$ -	\$ 195,500	\$ 557,500	\$ 307,000		\$ 250,500
									G \$243,500
							S \$164,000		\$ \$16,500
							W \$197,000		W \$20,000
							SW \$19,000		SW \$4,000
d. 4th Ave N - Troy St to Quincy St	\$ 180,500	\$ 217,000	\$ 23,000	\$ -	\$ 243,500	\$ 664,000	\$ 380,000		\$ 284,000
									G \$127,000
							S \$69,000		\$ \$8,500
							W \$111,000		W \$11,500
e. Royal St - STH 35 to East Ave	\$ 77,500	\$ 122,500	\$ -	\$ -	\$ 127,000	\$ 327,000	\$ 180,000		\$ 147,000
18. Off-street-trail-paving/maintenance (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 100,000
19. Salt brine maker (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 76,500	\$ 76,500	\$ -	\$ -	\$ 76,500
20. Tandem axle dump truck—replace 1999 single axle (NEW)									
a. Cab & chassis	\$ -	\$ -	\$ -	\$ -	\$ 95,000	\$ 95,000	\$ -	\$ -	\$ 95,000
b. Controls, hydraulics, box, plow & equipment	\$ -	\$ -	\$ -	\$ -	\$ 155,000	\$ 155,000	\$ -	\$ -	\$ 155,000
21. SS/Crossing Meadows WIS DOT (NEW) Project #1070-04-75 (see state signed contract)	\$ -	\$ -	\$ -	\$ -	\$ 630,000	\$ 630,000	\$ -	\$ -	\$ 630,000
22. Update City Stormwater Quality (NEW) Management Plan - MS4 Permit	\$ -	\$ -	\$ 47,000	\$ -	\$ -	\$ 47,000	\$ -	\$ 47,000	\$ -
23. South Kinney Coulee lighting upgrades (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 5,000
24. Replacement wreaths & banners for (NEW) downtown streetlights	\$ -	\$ -	\$ -	\$ -	\$ 38,000	\$ 38,000	\$ -	\$ 19,000	\$ 19,000

CITY OF ONALASKA
2020 Capital Improvement Projects - Proposed

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed by Borrowing</u>
<u>I. Public Works Department (Cont'd)</u>									
25. Broham Investments Development - watermain along (NEW) STH 35, sanitary sewer along City pool site (Annexation in Process)	\$ 82,000	\$ 162,000	\$	\$	\$	\$ 244,000	\$	\$	\$ 244,000
26. 13th Ave N cul-de-sac installation at Hilltopper Heights Park (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ 20,000
27. Cemetery fence (2018 #26)	\$	\$	\$	\$	\$ 60,000	\$ 60,000	\$	\$	\$ 60,000
<u>II. Planning Department</u>									
28. Urban forestry - general (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ 25,000
29. Urban forestry - new tree installation (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 50,000
<u>III. Fire Department</u>									
30. Land & Facilities (Proposed 2008) a. Purchase land (1.5 acres @ \$7.00/sq-ft) Fire Station #2 - STH 16 & I-90 vicinity	\$	\$	\$	\$	\$ 457,000	\$ 457,000	\$	\$	\$ 457,000
31. Pick-up truck (NEW)	\$	\$	\$	\$	\$ 40,000	\$ 40,000	\$	\$	\$ 40,000
32. Emergency Operation Center updates (NEW)	\$	\$	\$	\$	\$ 20,000	\$ 20,000	\$	\$	\$ 20,000
33. Heart Monitors (NEW)	\$	\$	\$	\$	\$ 29,000	\$ 29,000	\$	\$	\$ 29,000
34. Ladder truck/aerial apparatus (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000
<u>IV. Parks & Recreation Department</u>									
35. Aquatic center repairs (NEW) #1									
a. Activity pool	\$ -	\$ -	\$ -	\$ -	\$ 145,888	\$ 145,888	\$ -	\$ -	\$ 145,888
b. Tile removal, joint repair & plaster	\$ -	\$ -	\$ -	\$ -	\$ 55,710	\$ 55,710	\$ -	\$ -	\$ 55,710
c. Back of gutter repair	\$ -	\$ -	\$ -	\$ -	\$ 9,345	\$ 9,345	\$ -	\$ -	\$ 9,345
36. Great River Landing (NEW) #3									
a. Building removal	\$	\$	\$	\$	\$ 20,000	\$ 20,000	\$	\$	\$ 20,000
b. Shelter Replacement	\$	\$	\$	\$	\$ 100,000	\$ 100,000	\$	\$	\$ 100,000

CITY OF ONALASKA
2020 Capital Improvement Projects - Proposed

		<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm</u> <u>Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>	<u>Less Amount</u> <u>Already Bonded</u>	<u>Less Amount</u> <u>Other</u> <u>Sources</u>	<u>Amount</u> <u>Needed by</u> <u>Borrowing</u>
<u>IV. Parks & Recreation Department (Cont'd)</u>										
37. ADA improvements (NEW)	#2	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ 30,000
<u>V. Police Department</u>										
38. Squad cars (2 ea) (NEW)		\$ -	\$ -	\$ -	\$ -	\$ 117,250	\$ 117,250	\$ -	\$ -	\$ 117,250
39. Squad car - unmarked (NEW)		\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ 55,000	\$ -	\$ -	\$ 55,000
40. Portable radio replacment (NEW) (1/3 Yearly)		\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ 24,000	\$ -	\$ -	\$ 24,000
<u>VI. Omni Center</u>										
41. Rink #2 chiller (NEW)		\$ -	\$ -	\$ -	\$ -	\$ 485,000	\$ 485,000	\$ -	\$ -	\$ 485,000
42. Omni Center flooring (NEW)										
a. Carpet Arena #2 entry		\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ 15,000	\$ -
b. Turf for shelter area (36'X125')		\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ 25,000	\$ -
c. Locker room flooring		\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ 15,000	\$ -
43. Omni Center generator (NEW)		\$ -	\$ -	\$ -	\$ -	\$ 280,000	\$ 280,000	\$ -	\$ -	\$ 280,000
44. Walk behind floor scrubber (NEW)		\$ -	\$ -	\$ -	\$ -	\$ 10,288	\$ 10,288	\$ -	\$ 10,288	\$ -
45. Replace Glycol (NEW)										
a. Polypropylene (500 gallons)		\$ -	\$ -	\$ -	\$ -	\$ 6,500	\$ 6,500	\$ -	\$ 6,500	\$ -
b. Ethylene (500 gallons)		\$ -	\$ -	\$ -	\$ -	\$ 10,270	\$ 10,270	\$ -	\$ 10,270	\$ -
46. Hockey goals and nets (2 sets) (NEW)		\$ -	\$ -	\$ -	\$ -	\$ 2,680	\$ 2,680	\$ -	\$ 2,680	\$ -
47. ADA upgrades per Transition Plan (NEW)		\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 15,000
48. Pipes and bases (NEW)										
a. Vertical pipes (40 ea)		\$ -	\$ -	\$ -	\$ -	\$ 750	\$ 750	\$ -	\$ 750	\$ -
b. Horizontal pipes (25 ea)		\$ -	\$ -	\$ -	\$ -	\$ 750	\$ 750	\$ -	\$ 750	\$ -
c. Bases (50 ea)		\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ 2,000	\$ -	\$ 2,000	\$ -

CITY OF ONALASKA
2020 Capital Improvement Projects - Proposed

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed by Borrowing</u>
<u>VI. Omni Center (Cont'd)</u>									
49. Picnic table replacement - 24 ea (NEW) 6 to be ADA, new lumber	\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ 2,500	\$ -	\$ 2,500	\$ -
<u>VII. Library</u>									
50. HVAC upgrade (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 5,500	\$ 5,500	\$ 5,500	\$ -	\$ -
51. Parking lot--ADA slope repairs (NEW)	\$ ---	\$ ---	\$ ---	\$ ---	\$ 9,000	\$ 9,000	\$ ---	\$ ---	\$ 9,000
52. Tables & benches in teen area (NEW)	\$ ---	\$ ---	\$ ---	\$ ---	\$ 5,000	\$ 5,000	\$ ---	\$ ---	\$ 5,000
53. Door hardware front entry doors (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000	\$ 9,000	\$ -	\$ -
<u>VIII. City Hall</u>									
54. Roof replacement over entire building (2019 #64)	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	1998 CIP \$ 44,250	\$ -	\$ 255,750
55. City Hall Maintenance Upgrades									
a. HVAC work	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 15,000
b. Construction	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 15,000
56. HVAC controls (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 3,000	\$ -	\$ -	\$ 3,000
57. ADA improvements; restroom stalls, sinks (NEW) and grab bars	\$ ---	\$ ---	\$ ---	\$ ---	\$ 25,000	\$ 25,000	\$ ---	\$ ---	\$ 25,000
58. City Hall Capital Improvements Plan (NEW)	\$ ---	\$ ---	\$ ---	\$ ---	\$ 10,000	\$ 10,000	\$ ---	\$ ---	\$ 10,000
59. Emergency management--generator upgrade (NEW)	\$ ---	\$ ---	\$ ---	\$ ---	\$ 240,000	\$ 240,000	\$ ---	\$ ---	\$ 240,000
60. PD--spring replacement (3) overhead garage (NEW) doors	\$ ---	\$ ---	\$ ---	\$ ---	\$ 3,000	\$ 3,000	\$ ---	\$ ---	\$ 3,000
61. Replace air handler VFD's (NEW)	\$ ---	\$ ---	\$ ---	\$ ---	\$ 15,000	\$ 15,000	\$ ---	\$ ---	\$ 15,000
62. FD--floor repair in Station 1 (NEW)	\$ ---	\$ ---	\$ ---	\$ ---	\$ 5,000	\$ 5,000	\$ ---	\$ ---	\$ 5,000
63. FD--power drops for tender & brush truck (NEW)	\$ ---	\$ ---	\$ ---	\$ ---	\$ 3,500	\$ 3,500	\$ ---	\$ ---	\$ 3,500
64. Directional/office signage (NEW)	\$ ---	\$ ---	\$ ---	\$ ---	\$ 10,000	\$ 10,000	\$ ---	\$ ---	\$ 10,000

CITY OF ONALASKA
2020 Capital Improvement Projects - Proposed

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed by Borrowing</u>
<u>IX. Information Technology Dept</u>									
65. Phone system update, includes phones & installation/setup (2019 #71)	\$	\$	\$	\$	\$ 50,000	\$ 50,000	\$	\$	\$ 50,000
66. Transfer of new hire info from NeoGov to Tyler Technologies (2019 #72)	\$	\$	\$	\$	\$ 40,000	\$ 40,000	\$	\$	\$ 40,000
<u>X. City Clerk</u>									
67. NONE	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>XI. City Attorney</u>									
68. Municipal Code/Ordinance recodification (NEW)	\$	\$	\$	\$	\$ 22,000	\$ 22,000	\$	\$	\$ 22,000
<u>XII. City Administration</u>									
69. Compensation study (NEW)	\$	\$	\$	\$	\$ 35,000	\$ 35,000	\$	\$	\$ 35,000
	\$ 555,500	\$ 2,190,500	\$ 178,500	\$	\$ 5,563,931	\$ 8,488,431	\$ 3,182,750	\$ 156,738	\$ 5,148,943

	<u>Projected Costs</u>	<u>Less Already Bonded</u>	<u>Less Other Sources</u>	<u>Net Project Cost</u>	<u>Issuance Costs</u>	<u>Projected Bond Issue</u>
Sewer Projects	\$ 555,500	\$ 506,000	\$ -	\$ 49,500	\$ -	\$ 49,500
Water Projects	\$ 2,190,500	\$ 2,112,000	\$ -	\$ 78,500	\$ -	\$ 78,500
Storm Water Projects	\$ 178,500	\$ 109,000	\$ -	\$ 69,500	\$ -	\$ 69,500
Tourism	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Projects	\$ 5,563,931	\$ 455,750	\$ 156,738	\$ 4,951,443	\$ -	\$ 4,951,443
Grand Totals	\$ 8,488,431	\$ 3,182,750	\$ 156,738	\$ 5,148,943	\$ -	\$ 5,148,943

0 *
5,148,943 *
Fire Trk - 1,200,000 *
3,948,943 *

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item:

#5

Project/Item Name:

Putter Court parking

Location:

Putter Court

Requested Action:

Discussion on parking along Putter Court

Staff Report/
Description:

Residents along Putter Court have voiced concerns over parking in the neighborhood. The street is not to City standards at 27 feet in width. With recent paving, a one foot asphalt curb was added to street which some of the cars do not park on making it narrower. Letter has been sent to residents and public input will be heard regarding parking along Putter Court.

Attachments:

Letter and map



CITY OF ONALASKA

415 MAIN STREET
ONALASKA, WISCONSIN 54650-2953
www.cityofonalaska.com

Engineering/Public Works Dept.

PHONE: (608) 781-9537

FAX: (608) 781-9506

November 8, 2019

Dear Resident/Property Owner:

This notice is to inform you that the City of Onalaska Board of Public Works is considering a proposal to install additional "No Parking" on the north side of Putter Court, 225 feet west of Green Coulee Road. Please find attached a map showing the area where parking restrictions may be added.

This issue will be discussed at the next Board of Public Works Meeting, which will be held at the City Hall Council Chambers, 415 Main Street, Onalaska, on Tuesday, December 3, 2019 at 6:30 PM. At this time your concerns, opinions and questions will be heard.

If you are unable to attend the meeting you may address your concerns to:

City of Onalaska,
Attn: C. Jarrod Holter
415 Main Street
Onalaska, WI 54650
jholter@onalaskawi.gov

Sincerely,

C. Jarrod Holter, P.E.
City Engineer/Director of Public Works

Encl.

1 inch = 50 feet

Legend

 225 ft No Parking

 Township

 Parcels

No Parking

PUTTER CT

GREEN COULEE RD

GREEN COULEE RD

GREEN COULEE RD

1809

1801

1817

1825

323

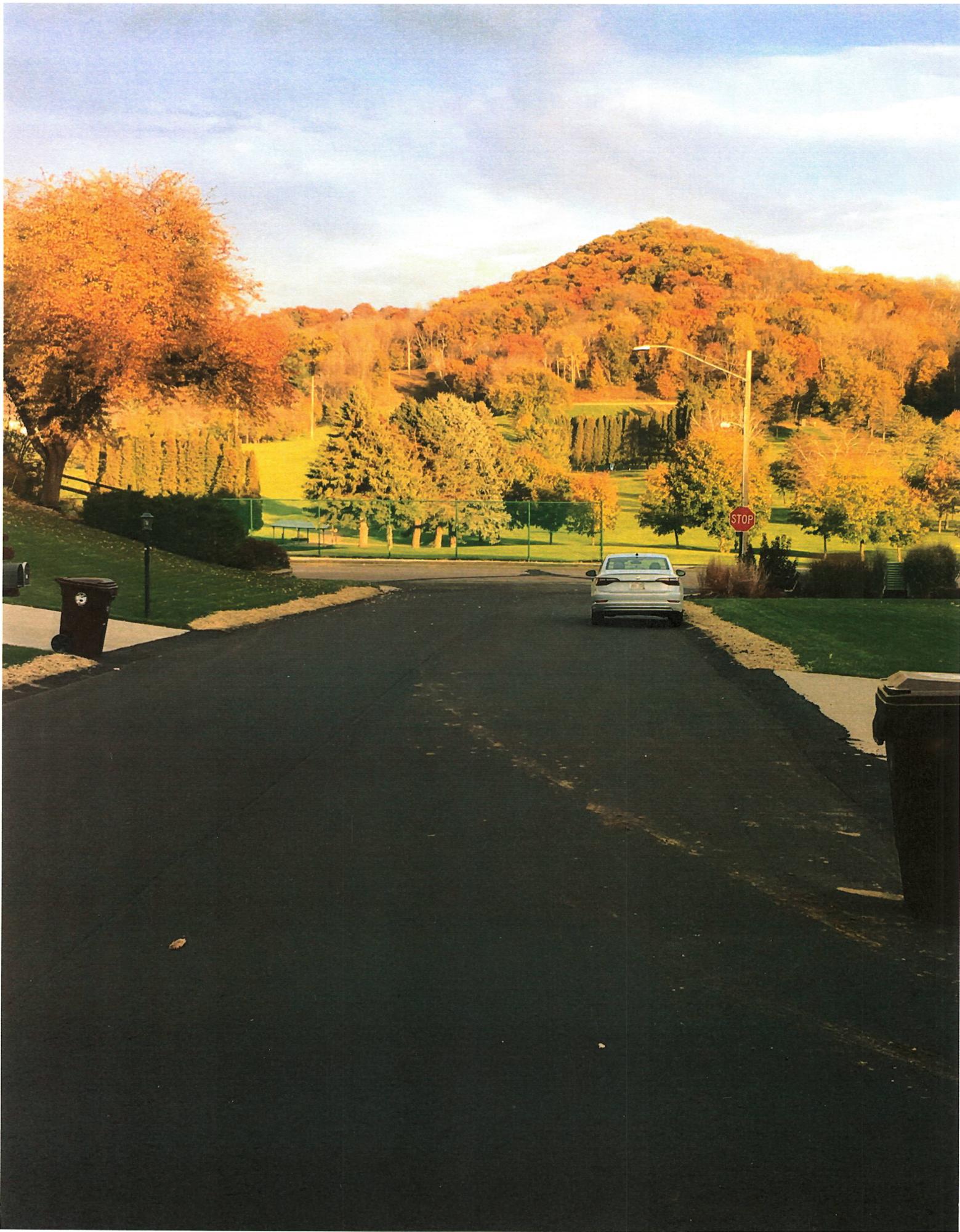
1833

315



Disclaimer: This map is to be used for reference purposes only. Every effort has been made to make this map as accurate as possible.





STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item:

#6

Project/Item Name:

Green Coulee intersection project

Location:

Green Coulee and East Main Street

Requested Action:

Approval of soil boring quote

Staff Report/
Description:

Soil borings are required for design of the proposed retaining wall to run between the box culvert under Green Coulee to the box culvert on East Main Street. Quotes are currently being solicited.

Attachments:

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item:

#7

Project/Item Name:

Green Coulee intersection project

Location:

Green Coulee and East Main Street

Requested Action:

Approval of professional engineering
services

Staff Report/
Description:

MSA has been working on the conceptual and preliminary design of the project. This design proposal will carry through final design of the roundabout along with bidding assistance.

Attachments:

Proposal of services



Professional Services Agreement

This AGREEMENT (Agreement) is made today 11/22/19 by and between CITY OF ONALASKA (OWNER) and MSA PROFESSIONAL SERVICES, INC. (MSA), which agree as follows:

Project Name: Green Coulee Rd and E. Main St Roundabout Design

The scope of the work authorized is: Attachments B and C

The schedule to perform the work is: Approximate Start Date: 1/1/20
Approximate Completion Date: 2/1/21

The estimated fee (not to exceed) for the work is:
\$180,615.00 (Design Services)
\$25,800.00 (Real Estate Acquisition Services)

All services shall be performed in accordance with the General Terms and Conditions of MSA, which is attached and made part of this Agreement. Any attachments or exhibits referenced in this Agreement are made part of this Agreement. Payment for these services will be on a time and expense basis.

Approval: Authorization to proceed is acknowledged by signatures of the parties to this Agreement.

CITY OF ONALASKA

MSA PROFESSIONAL SERVICES, INC.

Joe Chilsen
Mayor
Date: _____

Ben Wilkinson
Project Manager/Team Leader
Date: _____

Attest: City Clerk

Clerk Name: Caroline Burmaster
Date: _____

Rob Uphoff
Program Manager/Vice President
Date: _____

City of Onalaska
415 Main Street
Onalaska, WI 54650
Phone: (608) 781-95367
Fax: (608) 781-9506

2901 International Lane
Suite 300
Madison, WI 53704
Phone: +1 (608) 216-2057
Fax: (608) 242-5664

**ATTACHMENT A:
RATE SCHEDULE**

<u>CLASSIFICATION</u>	<u>LABOR RATE</u>
Architects	\$111 – \$170/hr.
Clerical	\$ 55 – \$110/hr.
CAD Technician	\$ 65 – \$125/hr.
Geographic Information Systems (GIS).....	\$ 94 – \$138/hr.
Housing Administration	\$ 68 – \$115/hr.
Hydrogeologists.....	\$114 – \$147/hr.
Planners	\$ 89 – \$160/hr.
Principals.....	\$180 – \$250/hr.
Professional Engineers	\$ 85 – \$153/hr.
Project Manager.....	\$ 85 – \$180/hr.
Professional Land Surveyors	\$ 79 – \$160/hr.
Staff Engineers.....	\$ 74 – \$144/hr.
Technicians	\$ 65 – \$125/hr.
Wastewater Treatment Plant Operator.....	\$ 72 – \$ 92/hr.

REIMBURSABLE EXPENSES

Copies/Prints	Rate based on volume
Fax	\$1.00/page
GPS Equipment.....	\$40/hour
Mailing/UPS	At cost
Mileage – Automobile (currently \$0.545/mile)	Rate set by Fed. Gov.
Mileage – MSA Truck	\$0.70/mile
Nuclear Density Testing	\$25.00/day + \$10/test
Organic Vapor Field Meter	\$100/day
PC/CADD Machine.....	Included in labor rates
Stakes/Lath/Rods	At cost
Total Station	Included in labor rates
Travel Expenses, Lodging, & Meals	At cost
Traffic Counting Equipment & Data Processing	At cost
Trimble Geodimeter.....	\$30/hour

* Labor rates represent an average or range for a particular job classification. These rates are in effect until January 1, 2020.

**MSA PROFESSIONAL SERVICES, INC. (MSA)
GENERAL TERMS AND CONDITIONS OF SERVICES (PUBLIC)**

1. **Scope and Fee.** The quoted fees and scope of services constitute the best estimate of the fees and tasks required to perform the services as defined. This agreement upon execution by both parties hereto, can be amended only by written instrument signed by both parties. For those projects involving conceptual or process development service, activities often cannot be fully defined during initial planning. As the project progresses, facts uncovered may reveal a change in direction which may alter the scope. MSA will promptly inform the OWNER in writing of such situations so that changes in this agreement can be made as required. The OWNER agrees to clarify and define project requirements and to provide such legal, accounting and insurance counseling services as may be required for the project

2. **Billing.** MSA will bill the OWNER monthly with net payment due upon receipt. Past due balances shall be subject to an interest charge at a rate of 12% per year from said forty-fifth day. In addition, MSA may, after giving seven days written notice, suspend service under any agreement until the OWNER has paid in full all amounts due for services rendered and expenses incurred, including the interest charge on past due invoices.

3. **Costs and Schedules.** Costs and schedule commitments shall be subject to change for delays caused by the OWNER's failure to provide specified facilities or information or for delays caused by unpredictable occurrences including, without limitation, fires, floods, riots, strikes, unavailability of labor or materials, delays or defaults, by suppliers of materials or services, process shutdowns, acts of God or the public enemy, or acts of regulations of any governmental agency. Temporary delays of services caused by any of the above which result in additional costs beyond those outlined may require renegotiation of this agreement.

4. **Access to Site.** Owner shall furnish right-of-entry on the project site for MSA and, if the site is not owned by Owner, warrants that permission has been granted to make planned explorations pursuant to the scope of services. MSA will take reasonable precautions to minimize damage to the site from use of equipment, but has not included costs for restoration of damage that may result and shall not be responsible for such costs.

5. **Location of Utilities.** Consultant shall use reasonable means to identify the location of buried utilities in the areas of subsurface exploration and shall take reasonable precautions to avoid any damage to the utilities noted.

6. **Professional Representative.** MSA intends to serve as the OWNER's professional representative for those services as defined in this agreement, and to provide advice and consultation to the OWNER as a professional. Any opinions of probable project costs, reviews and observations, and other decisions made by MSA for the OWNER are rendered on the basis of experience and qualifications and represents the professional judgment of MSA. However, MSA cannot and does not guarantee that proposals, bid or actual project or construction costs will not vary from the opinion of probable cost prepared by it.

7. **Construction.** This agreement shall not be construed as giving MSA, the responsibility or authority to direct or supervise construction means, methods, techniques, sequence, or procedures of construction selected by the contractors or subcontractors or the safety precautions and programs incident to the work of the contractors or subcontractors.

8. **Standard of Care.** In conducting the services, MSA will apply present professional, engineering and/or scientific judgment, and use a level of effort consistent with current professional standards in the same or similar locality under similar circumstances in performing the Services. The OWNER acknowledges that "current professional standards" shall mean the standard for professional services, measured as of the time those services are rendered, and not according to later standards, if such later standards purport to impose a higher degree of care upon MSA.

MSA does not make any warranty or guarantee, expressed or implied, nor have any agreement or contract for services subject to the provisions of any uniform commercial code. Similarly, MSA will not accept those terms and conditions offered by the OWNER in its purchase order, requisition, or notice of authorization to proceed, except as set forth herein or expressly agreed to in writing. Written acknowledgement of receipt, or the actual performance of services subsequent to receipt of such purchase order, requisition, or notice of authorization to proceed is specifically deemed not to constitute acceptance of any terms or conditions contrary to those set forth herein.

9. **Construction Site Visits.** MSA shall make visits to the site at intervals appropriate to the various stages of construction as MSA deems necessary in order to observe, as an experienced and qualified design professional, the progress and quality of the various aspects of Contractor's work.

10. **Termination.** This Agreement shall commence upon execution and shall remain in effect until completion of the project or terminated by either party, at such party's discretion, on not less than thirty (30) days' advance written notice. The effective date of the termination is the thirtieth day after the non-terminating party's receipt of the notice of termination. If MSA terminates the Agreement, the OWNER may, at its option, extend the terms of this Agreement to the extent necessary for MSA to complete any services that were ordered prior to the effective date of termination. If OWNER terminates this Agreement, OWNER shall pay MSA for all services performed prior to MSA's receipt of the notice of termination and for all work performed and/or expenses incurred by MSA in terminating Services begun after MSA's receipt of the termination notice. Termination hereunder shall operate to discharge only those obligations which are executory by either party on and after the effective date of termination. These General Terms and Conditions shall survive the completion of the services performed hereunder or the Termination of this Agreement for any cause.

This agreement cannot be changed or terminated orally. No waiver of compliance with any provision or condition hereof should be effective unless agreed in writing and duly executed by the parties hereto.

11. **Betterment.** If, due to MSA's error, any required or necessary item or component of the project is omitted from the construction documents, MSA's liability shall be limited to the reasonable costs of correction of the construction, less what OWNER'S cost of including the omitted item or component in the original construction would have been had the item or component not been omitted. It is intended by this provision that MSA will not be responsible for any cost or expense that provides betterment, upgrade, or enhancement of the project.

12. **Hazardous Substances.** OWNER acknowledges and agrees that MSA has had no role in generating, treating, storing, or disposing of hazardous substances or materials which may be present at the project site, and MSA has not benefited from the processes that produced such hazardous substances or materials. Any hazardous substances or materials encountered by or associated with Services provided by MSA on the project shall at no time be or become the property of MSA. MSA shall not be deemed to possess or control any hazardous substance or material at any time; arrangements for the treatment, storage, transport, or disposal of any hazardous substances or materials, which shall be made by MSA, are made solely and exclusively on OWNER's behalf for OWNER's benefit and at OWNER's direction. Nothing contained within this Agreement shall be construed or interpreted as requiring MSA to assume the status of a generator, storer, treater, or disposal facility as defined in any federal, state, or local statute, regulation, or rule governing treatment, storage, transport, and/or disposal of hazardous substances or materials.

All samples of hazardous substances, materials or contaminants are the property and responsibility of OWNER and shall be returned to OWNER at the end of a project for proper disposal. Alternate arrangements to ship such samples directly to a licensed disposal facility may be made at OWNER's request and expense and subject to this subparagraph.

13. **Insurance.** MSA will maintain insurance coverage for: Worker's Compensation, General Liability, and Professional Liability. MSA will provide information as to specific limits upon written request and amounts with Endorsements as set forth on Exhibit B attached hereto. If the OWNER requires coverages or limits in addition to those in effect as of the date of the agreement, premiums for additional insurance shall be paid by the OWNER. The

liability of MSA to the OWNER for any indemnity commitments, or for any damages arising in any way out of performance of this contract is limited to such insurance coverages and amount which MSA has in effect.

14. **Reuse of Documents.** Reuse of any documents and/or services pertaining to this project by the OWNER or extensions of this project or on any other project shall be at the OWNER's sole risk. MSA shall have no liability for damages or claims that results from the use of the drawings for any other project than the subject of this contract.

15. **Indemnification.** To the fullest extent permitted by law, MSA shall indemnify and hold harmless, OWNER, and OWNER's officers, directors, members, partners, agents, consultants, and employees (hereinafter "OWNER") from reasonable claims, costs, losses, and damages arising out of or relating to the PROJECT, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of MSA or MSA's officers, directors, members, partners, agents, employees, or Consultants (hereinafter "MSA"). In no event shall this indemnity agreement apply to claims between the OWNER and MSA. This indemnity agreement applies solely to claims of third parties. Furthermore, in no event shall this indemnity agreement apply to claims that MSA is responsible for attorneys' fees. This agreement does not give rise to any duty on the part of MSA to defend the OWNER on any claim arising under this agreement.

To the fullest extent permitted by law, OWNER shall indemnify and hold harmless, MSA, and MSA's officers, directors, members, partners, agents, consultants, and employees (hereinafter "MSA") from reasonable claims, costs, losses, and damages arising out of or relating to the PROJECT, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of the OWNER or the OWNER's officers, directors, members, partners, agents, employees, or Consultants (hereinafter "OWNER"). In no event shall this indemnity agreement apply to claims between MSA and the OWNER. This indemnity agreement applies solely to claims of third parties. Furthermore, in no event shall this indemnity agreement apply to claims that the OWNER is responsible for attorneys' fees. This agreement does not give rise to any duty on the part of the OWNER to defend MSA on any claim arising under this agreement.

To the fullest extent permitted by law, MSA's total liability to OWNER and anyone claiming by, through, or under OWNER for any cost, loss or damages caused in part or by the negligence of MSA and in part by the negligence of OWNER or any other negligent entity or individual, shall not exceed the percentage share that MSA's negligence bears to the total negligence of OWNER, MSA, and all other negligent entities and individuals.

16. **Dispute Resolution.** OWNER and MSA desire to resolve any disputes or areas of disagreement involving the subject matter of this Agreement by a mechanism that facilitates resolution of disputes by negotiation rather than by litigation. OWNER and MSA also acknowledge that issues and problems may arise after execution of this Agreement which were not anticipated or are not resolved by specific provisions in this Agreement. Accordingly, both OWNER and MSA will endeavor to settle all controversies, claims, counterclaims, disputes, and other matters in accordance with the Construction Industry Mediation Rules of the American Arbitration Association currently in effect, unless OWNER and MSA mutually agree otherwise. Demand for mediation shall be filed in writing with the other party to this Agreement. A demand for mediation shall be made within a reasonable time after the claim, dispute or other matter in question has arisen. In no event shall the demand for mediation be made after the date when institution of legal or equitable proceedings based on such claim, dispute or other matter in question would be barred by the applicable statute of limitations. Neither demand for mediation nor any term of this Dispute Resolution clause shall prevent the filing of a legal action where failing to do so may bar the action because of the applicable statute of limitations. If despite the good faith efforts of OWNER and MSA any controversy, claim, counterclaim, dispute, or other matter is not resolved through negotiation or mediation, OWNER and MSA agree and consent that such matter may be resolved through legal action in any state or federal court having jurisdiction.

17. **Exclusion of Special, Indirect, Consequential and Liquidated Damages.** Consultant shall not be liable, in contract or tort or otherwise, for any special, indirect, consequential, or liquidated damages including specifically, but without limitation, loss of profit or revenue, loss of capital, delay damages, loss of goodwill, claim of third parties, or similar damages arising out of or connected in any way to the project or this contract.

18. **State Law.** This agreement shall be construed and interpreted in accordance with the laws of the State of Wisconsin.

19. **Jurisdiction.** OWNER hereby irrevocably submits to the jurisdiction of the state courts of the State of Wisconsin for the purpose of any suit, action or other proceeding arising out of or based upon this Agreement. OWNER further consents that the venue for any legal proceedings related to this Agreement shall be, at MSA's option, Sauk County, Wisconsin, or any county in which MSA has an office.

20. **Understanding.** This agreement contains the entire understanding between the parties on the subject matter hereof and no representations, inducements, promises or agreements not embodied herein (unless agreed in writing duly executed) shall be of any force or effect, and this agreement supersedes any other prior understanding entered into between the parties on the subject matter hereto.

ATTACHMENT B – DESIGN SERVICES

Design Scope of Services

City of Onalaska, Main Street and Green Coulee Road Roundabout Design
(250-ft west to 150-ft east on Main Street)

City of Onalaska
La Crosse County

This scope of services is for the reconstruction of the intersection of Main Street and Green Coulee Road in the City of Onalaska, Wisconsin into a roundabout. The roundabout will be located at the existing intersection location and will consist of three legs (southbound Green Coulee Road, eastbound Main Street, and westbound Main Street). A driveway access for Kwik Trip will be provided within the circulatory roadway, just upstream from the eastbound Main Street exit. The existing culvert structures crossing Green Coulee Road and the west leg of Main Street will remain undisturbed. A new retaining wall structure will be required between the culvert endwalls in the northwest corner of the intersection.

1. Administration and Coordination
 - a) Assume project duration of 13 months – Contract completion date of February 1, 2021
 - b) Monthly Progress Report and Invoicing
 - c) Project Coordination
 - i) Due to the number of parties involved, communication between several groups will require time to maintain project involvement.
 - a) Land Owners including:
 - (1) Kwik Trip
 - (2) Coulee Golf Bowl
 - (3) Utility Companies
 - b) WisDOT
 - c) City Staff
 - d) MSA shall conference call or inform City Staff in discussions related to the project with other agencies.
2. Reports
 - a) Traffic Management Plan (Type 2) – Coordination with WisDOT as needed regarding traffic control through the US 53 ramp terminals.
3. Agency and Utility Coordination
 - a) DNR Coordination as required.
 - b) Work in right-of-way permit.
 - c) Utility Coordination – Improvements to the utilities or relocation is anticipated for the project. MSA will submit preliminary plans to the utility companies and coordinate utility relocations if necessary caused by the proposed improvements.
 - d) Summarize and provide utility coordination to the City.
4. Local Officials and/or Public Involvement Meetings
 - a) Attend one (1) meeting at the discretion of the City of Onalaska.
 - b) Preparation for meeting by MSA to include presentation and/or exhibits. All other arrangements to be completed by the City.

ATTACHMENT B – DESIGN SERVICES

5. Roadway Design and Plan Preparation
 - a) Roundabout Project Limits
 - i) 250-ft west of existing intersection along Main Street (25 mph posted speed)
 - ii) 150-ft east of existing intersection along Main Street (25 mph posted speed)
 - iii) 150-ft north of existing intersection along Green Coulee Road (25 mph posted speed)
 - b) Preliminary design
 - i) Terrain model from survey data
 - ii) Determine applicable design criteria
 - iii) Storm Drainage design
 - a) The drainage system will consist of new storm sewer that has an outfall into the existing drainage way north and west of the proposed roundabout.
 - b) Storm Drainage design assumptions:
 - (1) No TRANS401/NR151 or other storm water management practices (peak discharge rate control, water quality treatment, infiltration) are required for regulatory reasons.
 - (2) Hydraulic calculations for storm sewer pipes will be developed under steady state conditions using peak flows determined from hydrologic modeling. No attenuation of peak flows through hydrograph routing will be incorporated. Pipe sizing will be based on summation of cumulative peak overland inflows at discrete inlet locations. Hydrologic calculations determining the effect of storage within existing floodplains on the capacity of existing and replacement culverts will be evaluated using hydrograph routing methods.
 - (3) Stormwater detention ponds not included.
 - iv) Pedestrian or bicycle considerations included
 - v) Develop conceptual construction staging
 - a) Intersection will be reconstructed under traffic. Green Coulee Road to remain open at all times. It is assumed that a minimum of one lane of traffic in each direction on Main Street will be maintained throughout construction. No detour plan is included.
 - vi) 60 percent plans
 - c) Final Design
 - i) Title Sheet
 - ii) General Notes Sheet
 - iii) Project Overview
 - iv) Typical Sections
 - v) Construction Details
 - vi) Intersection Details
 - vii) Paving Details
 - viii) Erosion Control
 - ix) Storm Sewer
 - x) Landscaping Plan is not included
 - xi) Permanent signing
 - xii) Lighting (to WisDOT standards)
 - xiii) Pavement Marking
 - xiv) Traffic control and construction staging
 - a) Temporary signal plans are not anticipated but MSA will coordinate with WisDOT for retiming existing signals during construction.
 - b) Cross Section and earthwork quantities for each traffic stage, AutoTurn analysis

ATTACHMENT B -- DESIGN SERVICES

- xv) Alignment Detail
 - xvi) Plan & Profile
 - xvii) Jointing Plans, assume concrete pavement
 - xviii) Cross Sections
6. Structure Design and Plan Preparation
- a) Prepare hydraulic design calculations for the addition of a retaining wall on the south side of the channel extending between the existing box culverts on E Main Street and Green Coulee Road. It is assumed that the wall can be positioned and sized to prevent an increase in backwater at the 100 year flood event. **If an increase in backwater cannot be avoided, extra services will be required.**
 - b) Prepare plans for a cast-in-place (CIP) concrete cantilever retaining wall between the existing box culverts on E Main Street and Green Coulee Road. A pile-supported foundation is not anticipated and would be extra services. The wall may require one or two kinks in order to bump out away from the channel and prevent an increase in backwater.
 - c) Plans for Structures shall be fully dimensioned besides showing controlling elevations. The plans shall be prepared with such precision and detail to allow for the convenient layout in the field with customary degree of accuracy, and to allow for the production of an accurate estimate of quantities for all pertinent items of work to be performed in the PROJECT. Plans for Structures shall be dimensioned in English units.
 - d) Plans shall include schedules for bar steel reinforcement. Such schedules shall provide all of the necessary detail required for the fabrication of the reinforcement without the necessity of making separate shop drawings for that purpose.
 - e) A standard WisDOT pedestrian rail or chain link fence will be attached to the top of the retaining wall and to the tops of the existing box culvert headers for fall protection.
 - f) No aesthetic wall treatments are anticipated or included.
 - g) Up to one storm sewer outfall is anticipated to run through the wall to discharge into the waterway.
 - h) Shortening or removal of the existing southern wingwalls is anticipated in order to accommodate construction and connectivity of the new retaining wall. Modifications to the existing box cells are not included. Analysis of the existing box culverts' structural capacity is not included.
 - i) Structure bid items will reference the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction.
7. PS&E Documents and Bidding Process
- a) Bidding, advertising, and PS&E documents shall be completed by MSA.
 - b) Plans and specifications to reference WisDOT specifications and bid items.
 - c) Cost estimates at 60 percent and PS&E
 - d) Construction Time Schedule
 - e) Engineer's Estimate
 - f) Bid Tab
 - g) MSA shall be responsible for the bidding process for the proposed project.
 - i) Online bidding services will be utilized.
 - ii) Authorization for bidding will be provided by City staff.
 - iii) Addendums and contractor questions will be handled by MSA.
 - iv) Advertising shall be completed using Quest Online Bidding and will also be posted on MSA's website.

ATTACHMENT B – DESIGN SERVICES

- v) The City is responsible for any reimbursable costs such as advertisement, permit fees, and public notices.
8. Meetings
- a) Three (3) meetings are included with WisDOT staff via conference call to discuss plans.
 - b) Three (3) meetings with City staff are included, one (1) in-person at the City Hall and two (2) via conference call, to coordinate design of the project. These meetings will be at 30%, 60%, and 90% of the plans.
 - c) City of Onalaska Committee Updates – MSA shall attend in-person up to one (1) Public Works Committee meeting for the project to discuss concepts or decision to be made prior to final bidding.
- [Local officials and public involvement meetings are listed elsewhere]
9. Right-of-Way Plat
- a) Right-of-way Plat
 - i) Anticipate two parcels. Both are anticipated to have FEE and TLE acquisitions.
 - ii) Title Searches for four properties included by sub consultant.
 - iii) Relocation Order
 - iv) Legal descriptions or exhibits
 - v) Appraisal staking for two parcels.
 - vi) Final Monumentation for two parcels
 - vii) Land acquisition services are described in Attachment C.
10. Soil Borings (by Others) – **COST NOT INCLUDED IN MSA PROPOSAL, will be approved separately by the City.**
- a) Subsurface investigation includes up to two (2) 40-foot deep machine powered borings for the retaining wall structure. No rock cores or special rock determination included. Soils work sublet at cost-not-to-exceed.
 - b) Traffic control not anticipated as borings are off the existing road.
11. Construction Administration and Staking
- a) By City
12. Information Provided by the City of Onalaska or the Wisconsin Department of Transportation
- a) As-built plans for previous projects and City utilities (as available)
 - b) Existing Plats (as available)
 - c) Utility contact lists
 - d) City utility maps
 - e) Adjacent land information (wetland reports if applicable)
 - f) Permits Fees
13. Items not included
- a) Archaeological and History Surveys. Would be EXTRA SERVICES directly with the City of Onalaska if necessary.
 - b) Survey. Full field survey completed via separate contract.

14. Deliverables

ATTACHMENT B – DESIGN SERVICES

- a) MSA shall provide the following deliverables:
 - i) Specifications and Engineer's estimate (Microsoft Office Word).
 - ii) PDF copy of the 'Engineered Stamped' drawings for reproduction use.
 - iii) Five (5) complete plan sets and specifications.
 - iv) CAD files of final horizontal layout along with survey. Other files as requested by the City.
 - v) Bid documents.

15. Project Schedule

- a) MSA Professional Services Agreement – January 2020
- b) Concept Plan (60% plans) – June 2020
- c) Right-of-way Plat – June 2020
- d) Final Design – October 2020
- e) Project Approval (final plans) – November 2020
- f) ROW Acquisition – July thru December 2020
- g) Bid Opening – January 2021



**E Main Street
 Green Coulee Road Intersection
 City of Onalaska
 La Crosse County**

Summary of Staff Hours, Direct Labor Costs, and Expenses

Classification	Project Manager		Project Engineer		Engineer		Surveyor					
Avg. Hourly Wage	\$150.00		\$115.00		\$95.00		\$85.00		Total Direct Labor	Expenses	Project Total	
Task	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Dollars	Dollars
Administration and Coordination	12	\$1,800.00	0	\$0.00	0	\$0.00	0	\$0.00	12	\$1,800.00	\$0.00	\$1,800.00
Reports (Traffic Management Plan for DOT)	4	\$600.00	12	\$1,380.00	0	\$0.00	0	\$0.00	16	\$1,980.00	\$0.00	\$1,980.00
Agency and Utility Coordination	14	\$2,100.00	50	\$5,750.00	24	\$2,280.00	0	\$0.00	88	\$10,130.00	\$0.00	\$10,130.00
Local Officials and/or Public Involvement Meetings	10	\$1,500.00	12	\$1,380.00	8	\$760.00	0	\$0.00	30	\$3,640.00	\$390.40	\$4,030.40
Roadway Preliminary Design	38	\$5,700.00	134	\$15,410.00	326	\$30,970.00	0	\$0.00	498	\$52,080.00	\$0.00	\$52,080.00
Roadway Final Design	24	\$3,600.00	110	\$12,650.00	312	\$29,640.00	0	\$0.00	446	\$45,890.00	\$0.00	\$45,890.00
Structure Design	48	\$7,200.00	184	\$21,160.00	98	\$9,310.00	0	\$0.00	330	\$37,670.00	\$276.40	\$37,946.40
PS&E Documents/Bidding Services	12	\$1,800.00	68	\$7,820.00	0	\$0.00	0	\$0.00	80	\$9,620.00	\$100.00	\$9,720.00
Meetings	24	\$3,600.00	16	\$1,840.00	0	\$0.00	0	\$0.00	40	\$5,440.00	\$385.80	\$5,825.80
Right-of-Way Plat/Monumentation	0	\$0.00	0	\$0.00	0	\$0.00	102	\$8,670.00	102	\$8,670.00	\$2,542.40	\$11,212.40
TOTAL:	186	\$27,900.00	586	\$67,390.00	768	\$72,960.00	102	\$8,670.00	1642	\$176,920.00	\$3,695.00	\$180,615.00

Note: Average hourly wages are blended rates based on multiple staff in each category.

ATTACHMENT C – RIGHT OF WAY ACQUISITION SERVICES

Right of way Acquisition Scope of Services

City of Onalaska, Main Street and Green Coulee Road Roundabout Design
(250-ft west to 150-ft east on Main Street)
City of Onalaska
La Crosse County

The City of Onalaska is planning to construct a roundabout and reconfigure the above-referenced intersection. On the south edge of the intersection, a fee-taking and temporary interest are anticipated from Kwik Trip, including adjustment of an existing commercial driveway. For the northeast corner of the intersection at the Coulee Golf Bowl property, the proposed work will also extend beyond the existing right of way line and require a fee-taking and possible temporary interest.

The real estate rights required for the project are anticipated to be the following:

- **Parcel 1, Owner: “ZRH Partnership” (Kwik Trip parcel on south side)**
- A Fee-taking and Temporary Limited Easement (TLE) is included. Coordination for slight relocation of the commercial driveway is included. There may be existing property items (“improvements”) that may be affected that may require valuation, including an existing tire air pumping station.

- **Parcel 2, Owner: “Coulee Golf Bowl Inc.” (NE Quadrant property)**
- Fee-taking & possible TLE. Involves possible removal or relocation of one existing commercial sign, and potential loss of one or more parking stalls. It is assumed the sign is owned by the same entity as the parcel’s current owner. If the sign is impacted, it will be required to be relocated by the landowner. Compensation for the sign relocation and loss of parking will be included in the Parcel 2 offer.

Appraisals are included for each parcel. There are no known utility releases anticipated.

There is one known encroachment: a large portion of parking lot for the Kwik Trip is currently located on DOT right of way for US 53. A portion of the parking lot may also exist on City right of way. This contract assumes this encroachment will be allowed to remain in place with a Revocable Occupancy Permit. Coordination with WisDOT and the City is included to attempt to obtain these two permits. Coordination of a currently unknown alternative involving rejection of the Revocable Occupancy Permit by DOT and relating to a different proposed driveway location is not included and would be “extra services”.

A. Project Schedule

Construction is planned for 2021. MSA will attempt to complete the acquisitions by the letting date shown in the design scope. The start of the acquisition process will begin after receiving the signed agreement, and after receiving a copy of the final approved right of way plat and the filed relocation order, expected to be prior to or near July 1, 2020. Condemnation, which is not anticipated, would require additional time. Delay of the signed contract or filed Relocation Order beyond July 1, 2020 may delay the acquisition deadline a similar amount.

B. Real Estate Acquisition Scope of Services: Real Estate Acquisition Services for the Fee and TLE parcels will be provided in accordance with the Federal Uniform Relocation Act and Wisconsin State Statutes.

ATTACHMENT C – RIGHT OF WAY ACQUISITION SERVICES

1. The contract assumes the Relocation Order document will be filed by the city by July 1, 2020.
2. Review Full Title Search Reports for two parcels.
3. Included under the separate Design Services scope are the following:
 - a. Completed Relocation Order form
 - b. Full Title Search Reports
 - c. Title Updates if needed
 - d. A plat, approved by the City, and descriptions with conveyance documents
 - e. Temporary field staking of the limits of the acquisitions
 - f. Monumentation of the fee-taking
4. Prepare an introduction letter to be approved by the City that will be mailed to each property owner along with the Owner's Rights brochure and information on the project, including:
 - a. Introducing the appraiser and expected timeline for appraisals
 - b. Contact information for the MSA project negotiator
5. Determine Values. Appraisals are included for both parcels. Appraisals services, and list of improvement values within the Fee/TLE areas are being provided by Compass Land Consultants, Inc.
6. MSA will review each appraisal and prepare the Appraisal Objective Review and Offering Price Report documents for review and approval by the City. The procedures for approving the offers and payment will be coordinated with the City.
7. Meetings: No meetings outside of Negotiations (described below) are anticipated for MSA's Real Estate Specialist.
 - a. Additional meetings by the Real Estate Specialist with City staff, if requested by City are an extra service as listed in the Compensation section herein.
8. Negotiations
 - a. Create all parcel files and the owner's packet of documents concurrently with the Offering Price Report being approved. Negotiation Diary, Offer Letter, Fee/TLE with legal description, Statement to the Construction Engineer, and W-9 Forms for acquisitions exceeding \$600.
 - b. Send offer package by Certified Mail to the landowners, soon after Offering Price Reports are approved.
 - c. Provide follow-up call to each landowner to answer questions regarding the information provided. Up to one meeting will be scheduled as requested by the landowners to address concerns regarding the project. Meeting with landowners are anticipated to be held locally in the Onalaska/La Crosse area.
 - d. When a negotiated settlement has been reached, a payment request will be provided to the City. MSA will distribute the check to the landowner. Prepare negotiation diary to document coordination with the landowners.
 - e. Mail signed documents to La Crosse County Register of Deeds with request to invoice the City Engineering Department directly.
 - f. Coordination with WisDOT and the City is included to attempt to obtain signature by WisDOT of a Revocable Occupancy Permit for the one encroaching portion of parking lot adjacent to the Kwik Trip property. A Revocable Occupancy Permit is also included for the possible encroaching parking lot on City right of way, if needed.
 - g. Two Partial Release of Mortgage is assumed required and is included for the two fee-taking parcels (Parcels 1 and 2). The scope of the work is assumed to be of average complexity. Above-average complexity to acquire this Partial Release, or additional Partial Releases, will be considered "extra services".
 - h. Releases of Rights, letters or coordination to obtain conveyance from utilities to release their rights for that portion of their facilities within the Fee/TLE limits are not anticipated nor included, but can be added as an extra cost as listed in the Compensation section herein. Compensable utilities are assumed not required and are not included.
 - i. Regular updates will be provided to keep the City informed of the progress and any

ATTACHMENT C – RIGHT OF WAY ACQUISITION SERVICES

negotiation issues.

- j. If payment is greater than \$600, the City will complete federal form 1099-S for distribution.
- k. This scope is based on obtaining a negotiated settlement.
- l. If a negotiated settlement cannot be reached based on the appraisal, MSA can then prepare the Jurisdictional Offer, Lis Pendens and Award of Damages for signature and delivery by the City, as an extra service. We anticipate the City's Attorney will handle the condemnation proceeding after the Award of Damages.

C. Extra Services not included in scope:

- 1. No services are included for services if a negotiated settlement cannot be reached.
- 2. Services related to preparing the Jurisdictional Offer, Lis Pendens and Award of Damages for signature and delivery by the City.
- 3. Difficult negotiations with a landowner requiring more than one meeting will be considered extra services.
- 4. Attend meetings with City Council or staff.
- 5. Should the right of way plat be revised and any changes made to parcels already acquired by MSA, or parcels where significant progress has been made, the parcel will be considered to be a new parcel and a new fee negotiated with the City. Right of way plat changes have the potential to delay the acquisition delivery schedule. The acquisition agents require a minimum of 150 days between the time the offer is presented to the landowners and title is acquired, in order to meet the project schedule.

D. Services Provided by client

- 1. Timely approvals of introduction letter, Offering Price Report, and parcel payments with checks are critical to keeping the project on schedule and obtaining the parcels by the city's desired acquisition date.
- 2. Property information including: contact and tax information.
- 3. File Relocation Order.
- 4. Review and approval of the Kwik Trip parcel owner's cost estimate of the cost to relocate an existing air pumping station or any other items of valuation agreed upon between the City and the Kwik Trip parcel owner.

ATTACHMENT C – RIGHT OF WAY ACQUISITION SERVICES

E. Compensation for the work is as follows:

All services shall be performed in accordance with the General Terms and Conditions of MSA, which is attached and made part of this Agreement. All references to the OWNER in the General Terms and Conditions refer to the City of Onalaska. Payment for these services will be on the following basis. Land costs are not included.

Service Provided	Unit	Qty	Cost/Unit	Estimated Cost
Standard Abbreviated Appraisal (2 @\$3,500/ea) For Parcels 1 and 2	Each	2	\$3,500	\$7,000
Appraisal Review	Each	2	\$350	\$700
Offering Price Report For Parcels 1 and 2	Each	2	\$400	\$800
Acquisition for Parcel 1, (Fee and TLE, with coordination of Kwik Trip Parcel driveway relocation and air pumping station)	Hourly plus Expenses	--	Estimated Fee: \$10,000	\$10,000
Encroachments (Kwik Trip parking lot) (WisDOT & City)	Each	2	\$500	\$1,000
Acquisition for Parcel 2 (Fee and TLE) (one commercial owner, involving sign and parking loss)	Each	1	\$3,500	\$3,500
Partial Release of Mortgage, average complexity (Parcels 1 & 2)	Each	2	\$500	\$1,000
Project Management & Administration	LS		\$1,800	\$1,800
Estimated Fee				\$25,800
Extra Services, if needed				
Additional Meetings at City, if requested (per MSA attendee)	Each			\$1,000/ea
Utility Release of Rights parcel (non-compensable)	Each			\$600/ea
Prepare Eminent Domain documents	Each			\$1,500/ea

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item:

#8

Project/Item Name:

Win fiber install

Location:

12th Avenue South & SS

Requested Action:

Approval of fiber installation

Staff Report/
Description:

Win, LLC has requested installation of a fiber line along 12th Avenue South from I-90 to SS and along SS from 12th Avenue south to the City limit line. Fiber duct will be installed within existing city right of way.

Attachments:

Plan sheets

PLANNING LOCATE TICKETS

- 20194122056
- 20194121563
- 20194121713
- 20194121755

PLANNING PRINTS TICKETS

- 20194121564
- 20194121720
- 20194121758
- 20194122061



PROJECT ID #01-852
2340 ENTERPRISE AVENUE ~ AGROPUR
CITY OF ONALASKA/LA CROSSE ~ LA CROSSE COUNTY ~ WISCONSIN

CONSTRUCTION CONTRACTOR MUST ADHERE TO ALL PERMIT PROVISIONS, NOTES, & REQUIREMENTS AS LISTED ON THE APPROVED PERMITS.
 CONSTRUCTION CONTRACTOR IS RESPONSIBLE FOR ALL PRE AND POST CONSTRUCTION NOTIFICATIONS.
 A COPY OF THE PERMIT(S) MUST BE ON THE PROJECT SITE AT ALL TIMES.

UNIT SUMMARY
CONTRACTOR TO COMPLETE

DESCRIPTION	UNIT	UNIT TYPE	QUANTITY
BORE TO PLACE ONE (1) CONVENTIONAL DUCT 2.00" OR LESS	BMDB1	FT	3,267'
PLACE ONE (1) 24" x 36" x 36" COMPOSITE HAND HOLE	UH36	EA	3
SIDEWALK REMOVAL, REPLACEMENT, & RESTORATION	BM74	SQ FT	200
WARNING SIGN (MARKER POST) WHITE CAP	BM53	EA	2
WARNING SIGN (MARKER POST) BLACK CAP	BM53	EA	2
WARNING SIGN (MARKER POST) WITH TEST STATION	BM53(TS)	EA	2
ENTER EXISTING HAND HOLE WITH DUCT	WUH	EA	1
ABOVE GRADE BUILDING ENTRANCE	BM22	EA	1
BLOWING 96ct CONVENTIONAL FIBER	UFOB(96)	FT	3,717'
PULLING 6ct PRE-CONNECTORIZED FIBER	UFOP(06)	FT	200'
INSTALL #12 SOLID, COPPER CLAD STEEL, ORANGE LOCATE WIRE	UTWB(12)	FT	60'

WIN Project Engineer:
 Ken Whiting
 Office: (715) 858-3172
 Cell: (920) 379-2996
 ken.whiting@wintechnology.com

WIN Project Manager:
 John Louis
 Office: (715) 838-4012
 Cell: (715) 864-2918
 john.louis@wintechnology.com

Construction Contractor Information

Name: _____
 Phone: _____
 Foreman: _____
 Cell: _____
 Address: _____

PERMITS LIST:

- WISCONSIN DEPARTMENT OF TRANSPORTATION
- CITY OF ONALASKA
- WISCONSIN DEPARTMENT OF NATURAL RESOURCES

AS STAKED

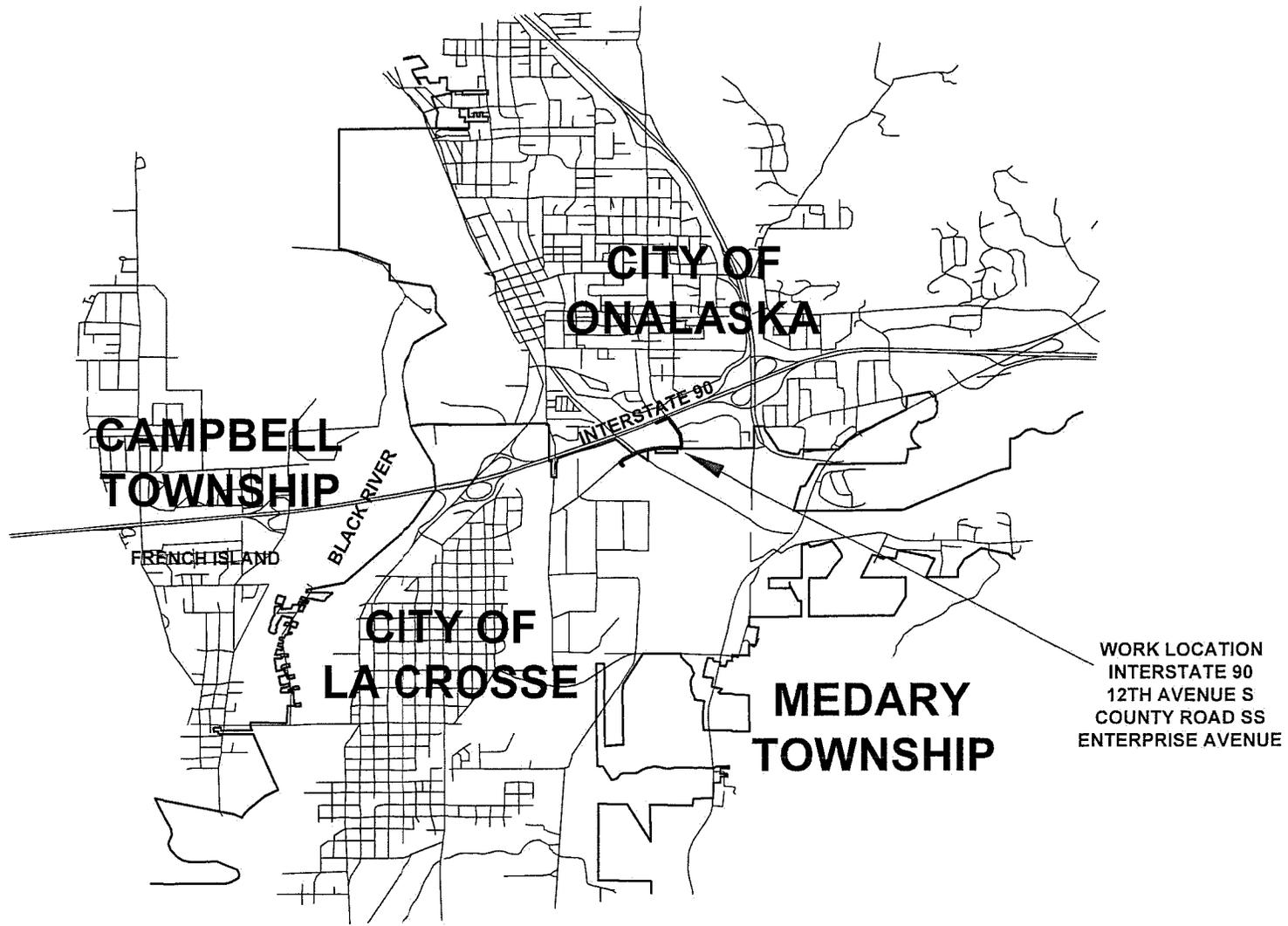
AS BUILT DATE:

SOC CODE _____ - _____ - _____

GENERAL CONSTRUCTION NOTES

- 1) State Law requires excavators to notify the One-Call System a minimum of three (3) business days prior to all excavations (excluding Saturdays, Sundays, and legal Holidays). Hand dig with care within the 18" safety zone when exposing underground utilities. Caution - One Call may not mark all private lines.
- 2) Underground utilities have been plotted from available records and field observations but are not necessarily exact. It is the contractor's responsibility to field locate all underground obstructions and utilities prior to construction. Complete repair of any and all damages incurred shall be at the expense of the construction contractor. Fiber placement subject to change upon field locate completion.
- 3) Coordinate all construction activities with WIN Project Engineer prior to construction.
- 4) Contractor is responsible for any erosion control, which includes submitting erosion plans, related to this project, should it become necessary.
- 5) Construction contractor shall provide all information for as-built drawings, including but not limited to: Fiber sequential's at hand hole walls and end of fiber; Depths of fiber at a minimum of 200' intervals along with centerline of all hard surface crossings, ie: roads, alleys, drives, waterways pipelines, railroads; Actual GPS location of hand holes; Actual running line from right-of-way, back of curb, edge of pavement or other known landmarks shown on sheets; Actual location of warning markers; and any other information required to produce an accurate and permanent record of the project.
- 6) The top of all hand holes set shall match final grade.
- 7) The contractor shall comply with all Wisconsin Independent Network policies and procedures and all requirements from local permitting authorities. The various permits obtained for the project are on file in the office of the Wisconsin Independent Network engineer.
- 8) Miscellaneous structures and obstructions such as sign posts; mail boxes; meter boxes; or other obstructions shall be avoided or removed and reinstalled to original or better condition.
- 9) The contractor shall be responsible, at all times; for the maintenance of streets and other utilities affected by construction operations - debris shall not be permitted to accumulate and all premises shall be maintained in a neat and workmanlike condition.
- 10) The contractor shall take adequate precautions to protect existing facilities, sidewalks, curbs, pavements, utilities, foliage, and adjoining property and structures outside of right-of-way; and to avoid damage thereto.
- 11) The following special provisions shall apply to traffic regulation during the extent of this project:
 - a. There shall be, at all times, adequate vehicle and pedestrian access for ingress and egress for the properties adjacent to the project.
 - b. During non-working hours, the contractor shall keep the existing traffic lanes clear from interference including all approaches and intersections.
 - c. If lane blockage is unavoidable, the contractor shall notify the traffic engineering department, police department, fire department, ambulance services, school bus garages, and other agency operations as appropriate so these agencies may re-route their vehicles around the construction zone(s).
 - d. Contractor is responsible to adhere to the Wisconsin DOT manual on traffic control along with submitting traffic plans if required by permitting authority.
- 12) If required, trenches in paved areas shall be saw-cut to the full depth of surfacing or as required by the permitting authority. Paved surfaces shall be repaired in accordance with the permitting authority's specifications.
- 13) The contractor shall comply with all current and applicable Occupational Safety and Health Administration (OSHA), federal, state, and local rules and regulations governing the safety of employees and material during excavation, trenching, ditching, and installation and backfilling operations on this project.
- 14) No trench or excavation site shall be left open overnight or unattended.
- 15) Right-of-way restoration and street and sidewalk repair/replacement shall be in compliance with the local permitting authority.
- 16) All fiber cable minimum depth must be 36". 48" minimum depth under roadways and waterways. See typical roadway and waterway crossing details.
- 17) Inner ducts occupied by cable shall be sealed at termination points using rubber plugs and compression bands. Foam sealant will not be used.
- 18) Brushing and trimming as-required. Brush, branches, and refuse from clearing operations shall, without delay, be removed from the vicinity of the right-of-way.
- 19) Construction contractor(s) shall have a copy of the permit(s) on-site and shall be available for inspection immediately upon request by the permitting authority or permitting authority representative.
- 20) No excavation, digging, tunneling, trenching, boring, plowing, installation of facilities, equipment or improvements above, on or beneath the surface of any right-of-way may begin without a signed permit from the governing permitting authority.

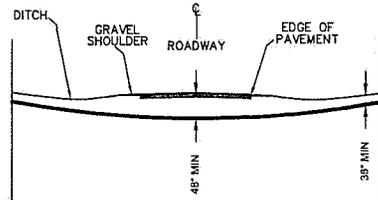
PROJECT LOCATION MAP



WORK LOCATION
INTERSTATE 90
12TH AVENUE S
COUNTY ROAD SS
ENTERPRISE AVENUE

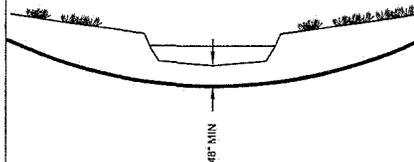
TYPICAL DETAIL DRAWINGS

TYPICAL ROADWAY CROSSING



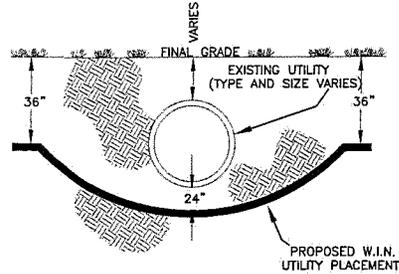
ALL DIMENSIONS SHOWN ARE MINIMUM DEPTHS
 PROPOSED FACILITIES PLACEMENT SHALL CROSS ALL EXISTING STREETS AT 48" MINIMUM DEPTH
 PERMITTING AUTHORITIES MAY REQUIRE GREATER THAN 48" MINIMUM DEPTH ROAD CROSSINGS

TYPICAL WATERWAY CROSSING



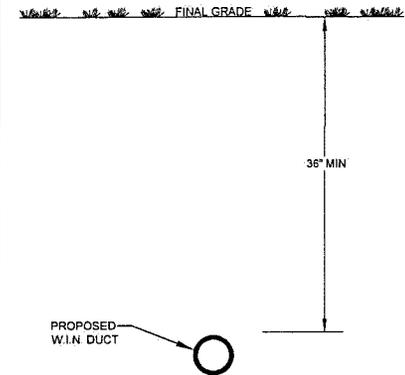
ALL DIMENSIONS SHOWN ARE MINIMUM DEPTHS
 PROPOSED FACILITIES PLACEMENT SHALL CROSS ALL WATERWAYS AT 48" MINIMUM DEPTH FROM BASE OF WATERWAY
 PERMITTING AUTHORITIES MAY REQUIRE GREATER THAN 48" MINIMUM DEPTH

TYPICAL UTILITY CROSSING



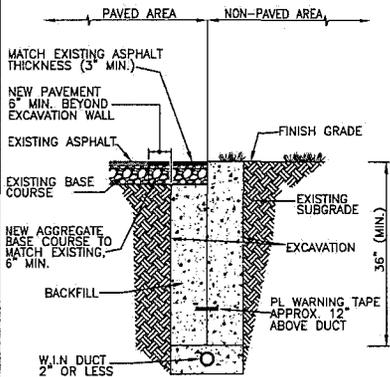
ALL DIMENSIONS SHOWN ARE MINIMUM DISTANCES
 PROPOSED FACILITIES PLACEMENT SHALL CROSS ALL EXISTING UTILITIES WITH A 24" MINIMUM VERTICAL AND HORIZONTAL SEPARATION
 FOREIGN UTILITY OWNERS AND/OR PERMITTING AUTHORITIES MAY REQUIRE GREATER THAN 24" SEPARATIONS

TYPICAL BORE DETAIL



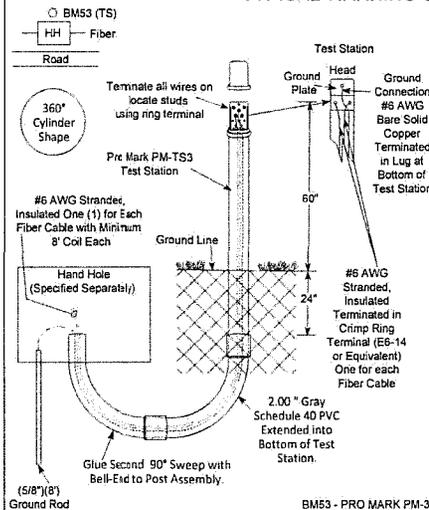
MAINTAIN MINIMUM HORIZONTAL AND VERTICAL SEPARATION OF EXISTING UTILITIES; REVIEW PERMITTING AUTHORITIES SPECIFICATIONS AND DETAILS FOR SEPARATION REQUIREMENTS
 NOT TO SCALE

TYPICAL TRENCH DETAIL BMT1 (ONE DUCT - 2" OR LESS) 1 DUCT HORIZONTALLY BY 1 DUCT VERTICALLY



MAINTAIN MINIMUM HORIZONTAL AND VERTICAL SEPARATION OF EXISTING UTILITIES; REVIEW PERMITTING AUTHORITIES SPECIFICATIONS AND DETAILS FOR SEPARATION REQUIREMENTS
 NOT TO SCALE

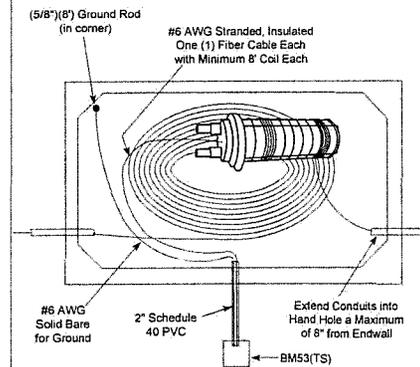
TYPICAL WARNING SIGN MARKER POST



- NOTES --
- Cap Colors:
 -- Black: Warning Post Only
 -- White: Hand Hole with Slack
 -- Green: Test Station at Splice Locations
 - Test Station to be Installed in Center of Long Side of Hand Hole Away from Roadway
 - Test Station Assembly Unit includes: 84" Dome Pro Mark Marker Post with 5 Position Test Station; 5/8" x 8" Ground Rod; Ground Rod Clamp; 2 - 2.00" 90° Duct Sweeps; Isolation Lever.
 - Test Station Conductors:
 -- Ground Rod to Locate Plate: #6 Bare Solid
 -- Test Station to Hand Hole for Each Cable: #6 Stranded, Insulated
 -- #6 Bare Solid Terminated in Lug at Top of Test Station for Ground
 -- Stranded #6 to be Terminated in Crimp Ring Terminal T&B E-6-14 or Equivalent
 - BMS3 Markers will require Post Anchor. Set BMS3 Markers 18" Below Ground Line.



TYPICAL HANDHOLE DETAIL VIEW FROM TOP



6" COMPACTED #1 Washed Stone (not shown)
 1/4" SCREEN MESH (not shown)
 NOT TO SCALE



COUNTY:

LA CROSSE

TOWNSHIP:

ONALASKA

TOWN:

16N

RANGE:

7W

SECTION:

9 & 16

MUNICIPALITY:

CITY OF ONALASKA

ROAD NAME:

1-90 & 12TH AVENUES S



PROJECT ID #: 01-852

PROJECT DESCRIPTION:

FIBER CONNECTIVITY TO 2340 ENTERPRISE AVENUE, LA CROSSE - WI - AGROPUR

ENG DATE: 10/2019

REVISIONS:

REV 1:

REV 2:

REV 3:

W.I.N. PROJECT ENGINEER
KEN WHITING
O: 715-838-3172 | C: 920-376-2996
ken.whiting@wintechology.com

W.I.N. PROJECT MANAGER
JOHN LOUIS
O: 715-838-4012 | C: 715-864-2918
john.louis@wintechology.com

REDLINE:

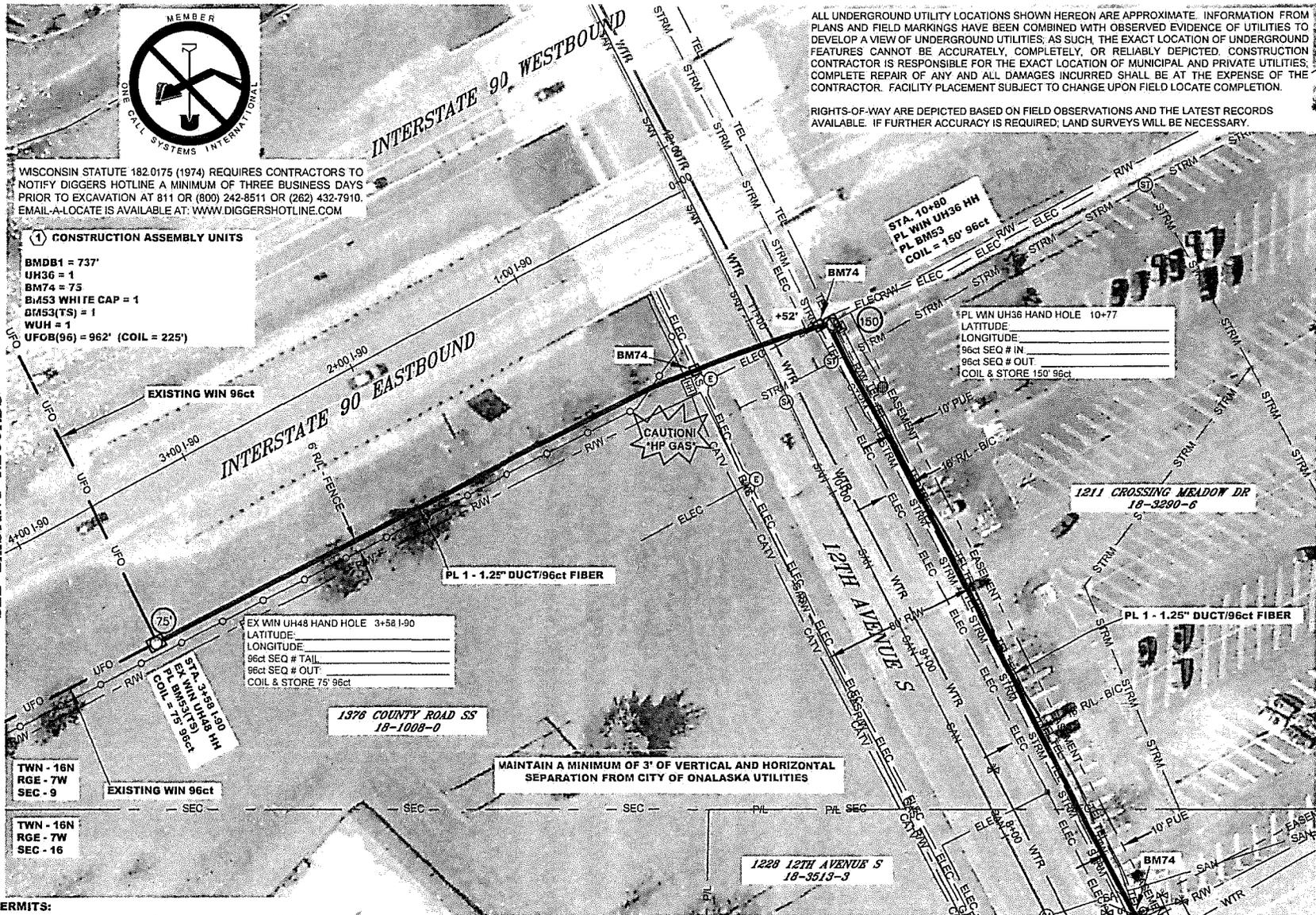
AS BUILT:

SCALE: 1" = 50'

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ALL UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE. INFORMATION FROM PLANS AND FIELD MARKINGS HAVE BEEN COMBINED WITH OBSERVED EVIDENCE OF UTILITIES TO DEVELOP A VIEW OF UNDERGROUND UTILITIES. AS SUCH, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, OR RELIABLY DEPICTED. CONSTRUCTION CONTRACTOR IS RESPONSIBLE FOR THE EXACT LOCATION OF MUNICIPAL AND PRIVATE UTILITIES. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR. FACILITY PLACEMENT SUBJECT TO CHANGE UPON FIELD LOCATION COMPLETION.

RIGHTS-OF-WAY ARE DEPICTED BASED ON FIELD OBSERVATIONS AND THE LATEST RECORDS AVAILABLE. IF FURTHER ACCURACY IS REQUIRED, LAND SURVEYS WILL BE NECESSARY.



WISCONSIN STATUTE 182.0175 (1974) REQUIRES CONTRACTORS TO NOTIFY DIGGERS HOTLINE A MINIMUM OF THREE BUSINESS DAYS PRIOR TO EXCAVATION AT 811 OR (800) 242-8511 OR (262) 432-7910. EMAIL-A-LOCATE IS AVAILABLE AT: WWW.DIGGERSHOTLINE.COM

1 CONSTRUCTION ASSEMBLY UNITS

- BMDB1 = 737'
- UH36 = 1
- BM74 = 75
- BM153 WHITE CAP = 1
- DM153(TS) = 1
- WUH = 1
- UFOB(96) = 962' (COIL = 225')

PL 1 - 1.25" DUCT/96ct FIBER

EX WIN UH48 HAND HOLE 3+58 1-90
LATITUDE _____
LONGITUDE _____
96ct SEQ # TAIL _____
96ct SEQ # OUT _____
COIL & STORE 75' 96ct

STA 10+80
PL WIN UH36 HH
PL BM63
COIL = 150' 96ct

PL WIN UH36 HAND HOLE 10+77
LATITUDE _____
LONGITUDE _____
96ct SEQ # IN _____
96ct SEQ # OUT _____
COIL & STORE 150' 96ct

MAINTAIN A MINIMUM OF 3' OF VERTICAL AND HORIZONTAL SEPARATION FROM CITY OF ONALASKA UTILITIES

SEE EXISTING RECORDS

TWN - 16N
RGE - 7W
SEC - 9

TWN - 16N
RGE - 7W
SEC - 16

MATCH LINE STA. 7+53 SHEET 2

- PERMITS:
1. WISCONSIN DEPARTMENT OF TRANSPORTATION
 2. CITY OF ONALASKA

(2) CONSTRUCTION ASSEMBLY UNITS
 BMDB1 = 499'
 BM74 = 50
 UFOB(96) = 499'

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COUNTY: LA CROSSE
 TOWNSHIP: ONALASKA
 TOWN: 16N
 RANGE: 7W
 SECTION: 16
 MUNICIPALITY: CITY OF ONALASKA
 ROAD NAME: 12TH AVENUE S



PROJECT ID #: 01-852
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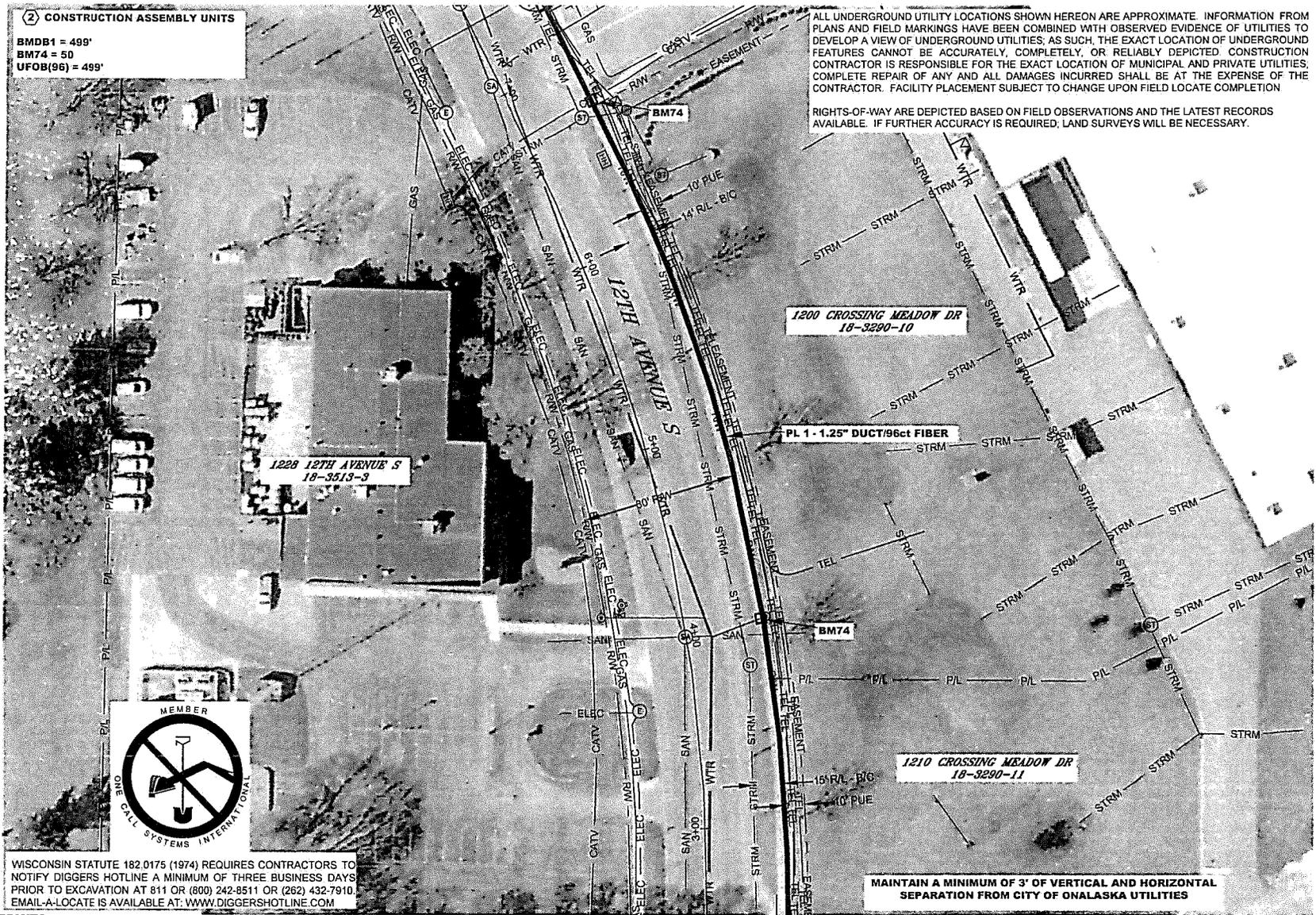
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W.I.N. PROJECT ENGINEER
 KEN WHITING
 O: 715-858-3172 | C: 920-376-2996
 ken.whiting@wintechnology.com

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REDLINE:
 AS BUILT:
 SCALE: 1" = 50'

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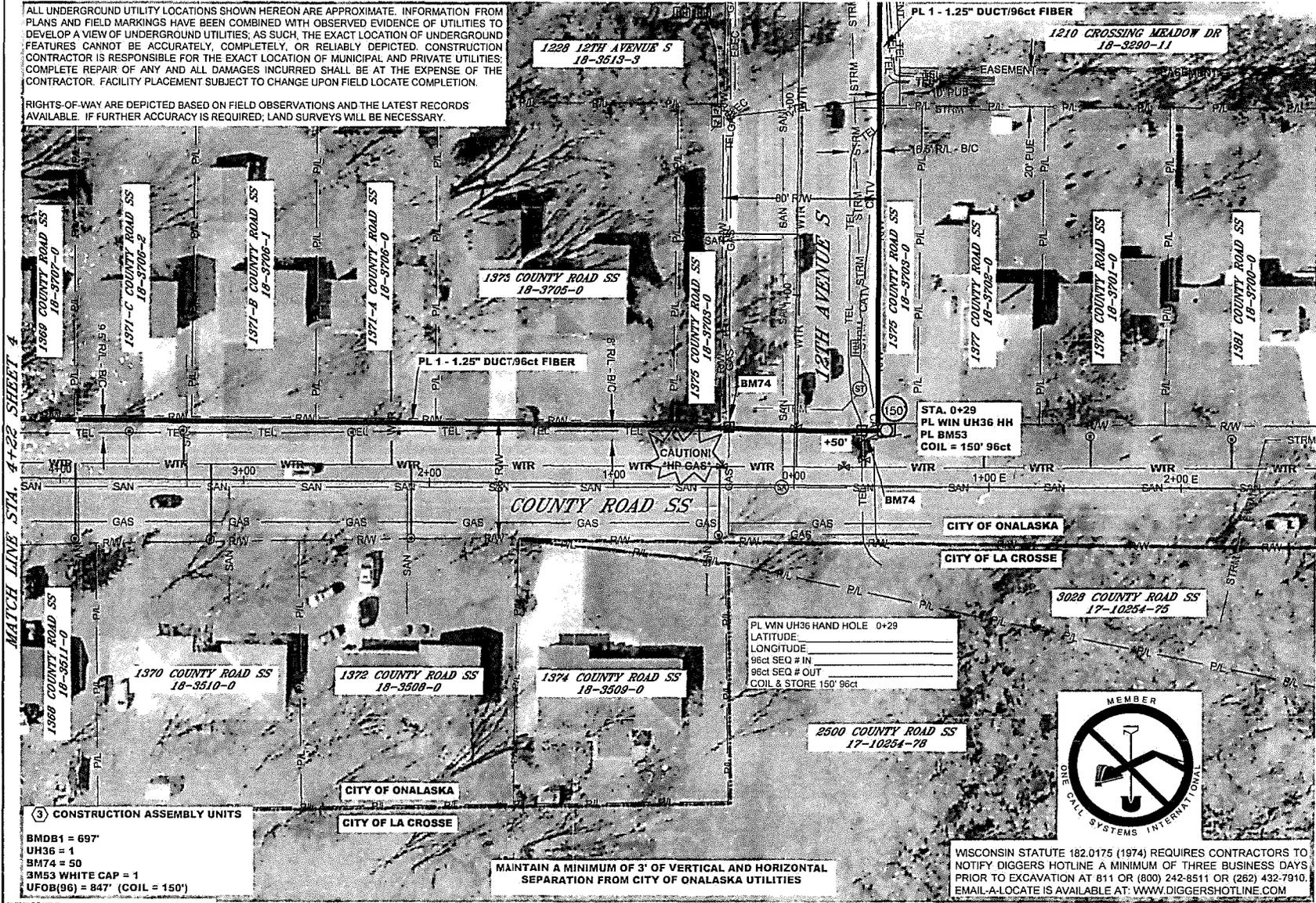


PERMITS:
 1. CITY OF ONALASKA



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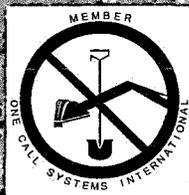
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MATCH LINE STA. 4+22 SHEET 4

CAUTION!
HP-GAS!

PL WIN UH36 HAND HOLE 0+29
 LATITUDE: _____
 LONGITUDE: _____
 96ct SEQ # IN _____
 96ct SEQ # OUT _____
 COIL & STORE 150' 96ct



3 CONSTRUCTION ASSEMBLY UNITS
 BMDB1 = 697'
 UH36 = 1
 BM74 = 50
 3M53 WHITE CAP = 1
 UFOB(96) = 847' (COIL = 150')

MAINTAIN A MINIMUM OF 3' OF VERTICAL AND HORIZONTAL SEPARATION FROM CITY OF ONALASKA UTILITIES

WISCONSIN STATUTE 182.0175 (1974) REQUIRES CONTRACTORS TO NOTIFY DIGGERS HOTLINE A MINIMUM OF THREE BUSINESS DAYS PRIOR TO EXCAVATION AT 811 OR (800) 242-8511 OR (262) 432-7910. EMAIL-A-LOCATE IS AVAILABLE AT: WWW.DIGGERSHOTLINE.COM

COUNTY:	LA CROSSE
TOWNSHIP:	ONALASKA
TOWN:	16N
RANGE:	7W
SECTION:	16
MUNICIPALITY:	CITY OF ONALASKA
ROAD NAME:	12TH AVENUE S



PROJECT ID #: 01-852
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ENG DATE: 10/2019

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 REV 2:
 REV 3:
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 O: 715-858-3172 | C: 920-376-2996
 ken.whiting@wintechnology.com
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REDLINE:
 AS BUILT:
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PERMITS:
 1. CITY OF ONALASKA



COUNTY: LA CROSSE
 TOWNSHIP: ONALASKA/LA CROSSE
 TOWN: 16N
 RANGE: 7W
 SECTION: 16
 MUNICIPALITY: CITY OF ONALASKA/LA CROSSE
 ROAD NAME: CR SS/ENTERPRISE AVENUE



PROJECT ID #: 01-852
 PROJECT DESCRIPTION:
 FIBER CONNECTIVITY TO 2340 ENTERPRISE AVENUE, LA CROSSE - WI - AGROPUR

ENG DATE: 10/2019

REVISIONS:
 REV 1:
 REV 2:
 REV 3:

W.I.N. PROJECT ENGINEER
 KEN WHITING
 O: 715-858-3172 | C: 920-376-2996
 ken.whiting@wintechnology.com
 W.I.N. PROJECT MANAGER
 JOHN LOUIS
 O: 715-838-4012 | C: 715-864-2918
 john.louis@wintechnology.com

REDLINE:
 AS BUILT:
 SCALE: 1" = 50'

NOTICE
 Information contained in this document is proprietary and shall not be used, copied, reproduced, or disclosed, in whole or in part, without written consent of WIN, LLC.

ALL UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE. INFORMATION FROM PLANS AND FIELD MARKINGS HAVE BEEN COMBINED WITH OBSERVED EVIDENCE OF UTILITIES TO DEVELOP A VIEW OF UNDERGROUND UTILITIES, AS SUCH, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, OR RELIABLY DEPICTED. CONSTRUCTION CONTRACTOR IS RESPONSIBLE FOR THE EXACT LOCATION OF MUNICIPAL AND PRIVATE UTILITIES. COMPLETE REPAIR OF ANY AND ALL DAMAGES INCURRED SHALL BE AT THE EXPENSE OF THE CONTRACTOR. FACILITY PLACEMENT SUBJECT TO CHANGE UPON FIELD LOCATE COMPLETION.

MAINTAIN A MINIMUM OF 3' OF VERTICAL AND HORIZONTAL SEPARATION FROM CITY OF ONALASKA UTILITIES

RIGHTS-OF-WAY ARE DEPICTED BASED ON FIELD OBSERVATIONS AND THE LATEST RECORDS AVAILABLE. IF FURTHER ACCURACY IS REQUIRED, LAND SURVEYS WILL BE NECESSARY.

5 CONSTRUCTION ASSEMBLY UNITS

- BMDB1 = 620'
- UH36 = 1
- BM74 = 25
- BM53 BLACK CAP = 2
- BM53(TS) = 1
- UF0B(96) = 695' (COIL = 75')

BUILDING ENTRANCE

- BMDB1 = 53'
- BM22 = 1
- UF0P(06) = 200'
- UTWB(12) = 60'

PL WIN UH36 HAND HOLE 16+82
 LATITUDE _____
 LONGITUDE _____
 96cct SEQ # IN _____
 96cct SEQ # TAIL _____
 COIL & STORE 75' 96cct _____
 6cct SEQ # TAIL _____
 6cct SEQ # OUT _____
 COIL & STORE 75' 6cct _____

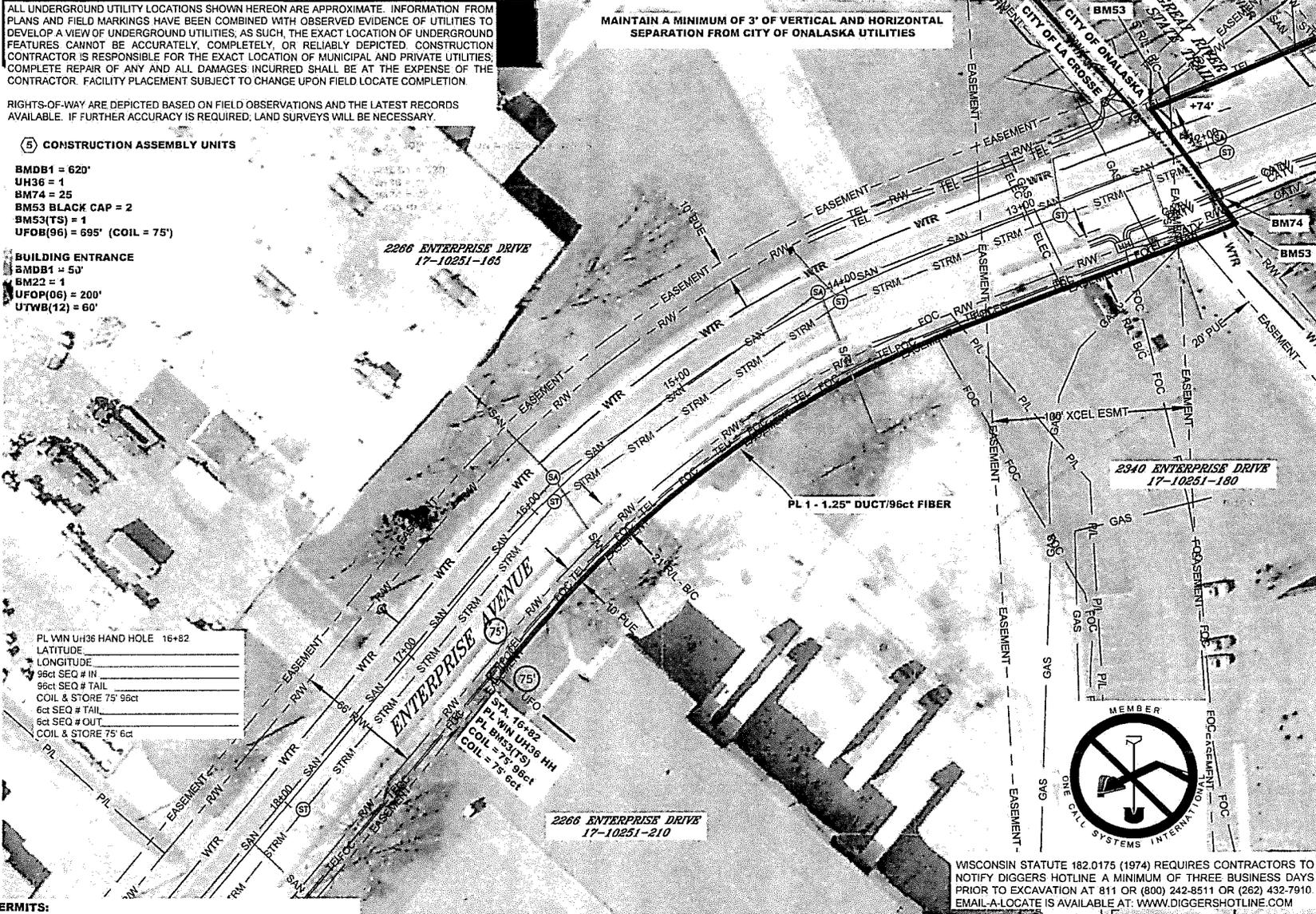
STA. 16+82
 PL WIN UH36 HH
 PL BM53(TS)
 COIL = 75' 96cct
 COIL = 75' 6cct



WISCONSIN STATUTE 182.0175 (1974) REQUIRES CONTRACTORS TO NOTIFY DIGGERS HOTLINE A MINIMUM OF THREE BUSINESS DAYS PRIOR TO EXCAVATION AT 811 OR (800) 242-8511 OR (262) 432-7910. EMAIL-A-LOCATE IS AVAILABLE AT: WWW.DIGGERSHOTLINE.COM

- PERMITS:
1. CITY OF ONALASKA
 2. WISCONSIN DEPARTMENT OF NATURAL RESOURCES

MATCH LINE STA. 11+36 SHEET 4



STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item:

#9

Project/Item Name:

Sustainable La Crosse

Location:

Citywide

Requested Action:

Update of activities

Staff Report/
Description:

Staff or board members may offer update regarding sustainability or the Sustainable La Crosse Committee.

Attachments:

none

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item:

#10

Project/Item Name:

Green Coulee Reservoir Project

Location:

Green Coulee

Requested Action:

Approval of soil boring

Staff Report/
Description:

Soil borings are needed for the design of the Green Coulee Reservoir Project. With the site access limited only one soil boring quote could be obtained. Staff is recommending approval of the quote with the costs being covered by the budgeted Capital Improvement funds.

Attachments:

quote



Braun Intertec Corporation
2309 Palace Street
La Crosse, WI 54603

Phone: 608.781.7277
Fax: 608.781.7279
Web: braunintertec.com

November 11, 2019

Proposal QTB110711

Jarrold Holter, PE
City of Onalaska
c/o Ms. Jana Nyhagen, PE
Short Elliot Hendrickson, Inc.
329 Jay Street, Suite 301
La Crosse, WI 54601

Re: Proposal for a Geotechnical Evaluation
Proposed Greens Coulee Reservoir
Quarry Lane
Onalaska, Wisconsin

Dear Ms. Nyhagen:

We respectfully submit this proposal to complete a geotechnical evaluation for the proposed Greens Coulee Reservoir to be located in Onalaska, Wisconsin.

Our Understanding of Project

Based on previous work Geotechnical Evaluation reports we have completed within Greens Coulee Subdivision, we know that the geology is composed of loess soils that extend to depths of 20 to 30 feet. These soils are soft and compressible. Beneath the loess, the geology consists of alluvial soils and sandstone bedrock.

Based on the information you provided to us and our conversation, we understand this project includes design and construction of a water reservoir which will be approximately 40 feet in diameter. The reservoir will extend approximately 17 feet below the ground surface and will have about 3 ½ feet exposed above the ground surface. The bottom of the reservoir will have a 2-foot thick concrete mat foundation with 18-inch thick sidewalls. With the reservoir being constructed on a hillside, a retaining wall is planned on the downhill side and would have a maximum height of 10 feet. A parking area is proposed at the bottom of the retaining wall.

Additionally, a water main is planned and will extend from the reservoir west, then south and will connect to the existing water main, located on Quarry Lane. The water main will be installed by both directional boring and open cut methods.

AA/EOE

Purpose

The purpose of our geotechnical evaluation will be to characterize subsurface geologic conditions at selected exploration locations, evaluate their impact and provide geotechnical recommendations for the design and construction of the proposed reservoir tank foundations, below grade walls, and installation of underground utilities. Our evaluation does not include global slope stability analysis.

Scope of Services

The following tasks are proposed to help achieve the stated purpose. If unfavorable or unforeseen conditions are encountered at any point during the completion of the tasks that lead us to recommend an expanded scope of services, we will contact you to discuss the conditions before resuming work.

Site Reconnaissance Prior to Drilling

Prior to drilling, we will assess the marked access route to mark trees with temporary markings for removal prior to our arrival. We understand the City of Onalaska will be responsible for the tree and brush removal.

We understand the site topography is 3 Vertical to 8 Horizontal. These areas are will need to be prepared by having earthwork equipment create a level area for our drill rig. We have included pricing in this proposal to account for that.

Site Access, Staking, and Utility Clearance

Based on our knowledge of the site and provided aerial photographs with prospective boring locations, we believe an all-terrain style drill rig will be required to access the prospective boring locations.

We will stake prospective subsurface exploration locations and obtain surface elevations at those locations using GPS (Global Positioning System) technology. For purposes of linking the GPS data to an appropriate reference, we request that you provide CAD files indicating location/elevation references appropriate for this project, or contact information for the consultant that might have such information.

Prior to drilling or excavating, we will contact Digger's Hotline and arrange for notification to the appropriate utility vendors to mark and clear the exploration locations of public underground utilities. You or your authorized representative is responsible to notify us before we begin our work of the

presence and location of any underground objects or private utilities that are not the responsibility of public agencies.

Penetration Test Borings

As requested, we will drill a total of six (6) standard penetration test borings. For the water reservoir, we will drill three (3) of the borings to a depth of 95 feet, or auger refusal on bedrock, whichever is encountered first. For the proposed water main alignment, we will drill three (3) additional borings to a depth of 10 feet. Standard penetration tests will be performed at 2 ½-foot vertical intervals to a depth of about 15 feet, and at 5-foot intervals at greater depths.

We have also made provisions to obtain up to two (2) thin-walled tube samples of the soils for laboratory testing (in general accordance with ASTM Method D1587).

Groundwater Measurements

If groundwater is encountered in the boreholes during or immediately after drilling, the depth where it is observed will be recorded on the boring logs.

Borehole Abandonment

Wisconsin Administrative Code NR 141.25 requires us to seal any boring greater than 10 feet deep or any boring that intersects the water table. Boreholes greater than 4-inches in diameter that are less than 250 feet deep and have less than 150 feet of standing water may be abandoned using 3/8-inch bentonite chips.

Based on the intended exploration depths, we have made provisions to seal 315 lineal feet of borehole with 3/8-inch bentonite chips, and prepare associated Wisconsin borehole abandonment forms.

Sample Review and Laboratory Testing

As noted above, we anticipate the site will be composed of loess soils, which are soft and compressible. Considering this, we have budgeted to perform additional soil testing on soil samples. To help classify the materials encountered and estimate/measure the engineering properties necessary to our analyses, we have budgeted to perform the following laboratory tests:

- *(10) Moisture content tests (ASTM D2216)* – intended to aid in classification, evaluation of moisture condition, and estimation of engineering parameters.

- *(2) Moisture content and unit weight tests* – intended to provide measurement of the soils’ wet and dry unit weights for slope stability analysis and bearing capacity calculations.
- *(1) Atterberg limits tests (ASTM D4318)* – intended to evaluate the soils’ plasticity, estimate whether the materials have the potential for shrink/swell, to aid in estimation of engineering parameters, and to evaluate the reusability of proposed cut/balance materials.
- *(3) Sieve Analyses through the #200 sieve (ASTM D1140)* – intended to aid in classification and determination of the gravel- and sand-sized particle distribution.
- *(1) Unconfined compression tests (ASTM D2166)* – tests performed to measure the soils’ undrained shear strength.
- *(1) One-dimensional consolidation tests (ASTM D2435)* – test performed to measure the soils’ settlement characteristics.

It is our intention to only perform laboratory tests that will be necessary to complete our analyses. If after review of the soils it is our opinion that portions of the above schedule would not be cost-beneficial to the project, we will reduce the schedule and we will not charge for tests that are not performed. Conversely, if after review it appears that additional testing would provide potential cost-benefits to the project, we will request authorization for the additional testing through a Change Order.

Reporting

Data obtained from the borings and laboratory tests will be used to evaluate the subsurface profile and groundwater conditions, perform engineering analyses related to structure design and performance and prepare a report, including:

- A CAD-generated sketch showing project components, limits, and exploration locations.
- Logs of the borings describing the materials encountered and presenting the results of our groundwater measurements and laboratory tests.
- A summary of the subsurface profile and groundwater conditions.
- Discussion identifying the site conditions that will impact structure design and performance, qualifying the nature of their impact, and outlining alternatives for mitigating their impact.

- Discussion regarding the reuse of on-site materials during construction and the impact of groundwater on construction.
- Recommendations for preparing structure subgrades, including excavation support, if applicable, and the selection, placement and compaction of excavation backfill and other structural fill.
- Conduct global slope stability analysis for the proposed reservoir and retaining wall.
- Recommendations for earthwork construction on slopes.
- Recommended net allowable bearing pressures for the design of mat footings and estimated settlements.
- Recommendations for design of below grade walls for the reservoir and retaining wall.
- Recommendations for underground utility subgrade preparation and utility trench backfill.

We will submit, via email, an electronic PDF copy of our final report when it is completed.

Cost

We will furnish the services described in this proposal for an estimate cost of **\$16,800**. We will not exceed this estimated fee without your authorization through a Change Order.

Our work may extend over multiple invoicing periods. As such, for work that is performed during the course of each invoicing period, we will submit partial progress invoices.

Cost Savings

If the borings encounter bedrock prior to reaching our planned termination depths, we will reduce the fees by \$15 per lineal foot.

If the project team would consider extending two (2) borings in-lieu of three (3) borings for the water tank, we would reduce our fees accordingly.

Additional Services

We have not included potential costs due to the need for snow plowing, towing, stand-by time or work that is not included in the above Scope of Services. Costs for snow plowing or towing (if necessary) will be charged at a rate of 1.15x the actual cost. Costs for stand-by time (defined as time spent by our field crew due to circumstances that are beyond the control of our field crew or its equipment, or beyond the scope of services indicated above) will be charged at a rate of \$225 per hour.

Schedule

We anticipate our work can be performed according to the following schedule:

- *Drill rig mobilization* – within 2 weeks following receipt of written authorization;
- *Field exploration* – 2 to 3 days on-site to complete the work;
- *Classification and laboratory testing* – within 2 to 4 days following completion of the field exploration;
- *Preliminary results* – as the samples are obtained and reviewed;
- *Report submittal* – Completed within approximately 3 to 4 weeks following authorization.

If our proposed scope of services cannot be completed according to this schedule due to circumstances beyond our control, we may need to revise this proposal prior to completing the remaining tasks.

General Remarks

We appreciate the opportunity to present this proposal to you. ***If you find this proposal acceptable, please return the signed copy in its entirety.***

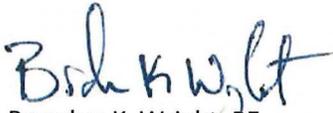
The proposed fee is based on the scope of services described and the assumptions that our services will be authorized within 30 days and that others will not delay us beyond our proposed schedule.

We include the Braun Intertec General Conditions, which provide additional terms and are a part of our agreement.

To have questions answered or schedule a time to meet and discuss our approach to this project further, please contact Brandon Wright at 608.781.7277 or at bwright@braunintertec.com.

Sincerely,

BRAUN INTERTEC CORPORATION



Brandon K. Wright, PE
Associate Principal/Senior Engineer



Joseph C. Butler, PE
Principal/Senior Engineer

Attachments:
Estimated Cost Tabulation
General Conditions (1/1/18)

The proposal is accepted, and you are authorized to proceed.

Authorizer's Firm

Authorizer's Signature

Authorizer's Name (please print or type)

Authorizer's Title

Date



The Science You Build On.

Project Proposal

QTB110711

Greens Coulee Reservoir

Client: City of Onalaska Jarrod Holter 415 Main Street Onalaska, WI 54650 (608) 781-9530	Work Site Address: Greens Coulee Onalaska, WI 54650	Service Description: Geotechnical Evaluation
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	Description	Quantity	Units	Unit Price	Extension
Phase 1	Geotechnical Evaluation				
Activity 1.1	Site Layout - Staking - Utility Clearance - CADD				\$11,680.00
205	Site layout and utility clearance	9.00	Hour	100.00	\$900.00
	<i>Work Activity Detail</i>	<i>Qty</i>	<i>Units</i>	<i>Hrs/Unit</i>	<i>Extension</i>
	Site Recon - Mark Trees for Removal	1.00	Trip	6.00	6.00
	Stake Borings	1.00	Trip	3.00	3.00
SUB1	Subcontractor: Strupp Trucking & Excavating	1.00	Each	1,500.00	\$1,500.00
1862	Utility Trip Charge	2.00	Each	15.00	\$30.00
SUB	Subcontractor: Drilling & Exploration	8,880.00	Each	1.00	\$8,880.00
	<i>Work Activity Detail</i>	<i>Qty</i>	<i>Units</i>	<i>Hrs/Unit</i>	<i>Extension</i>
	Drilling; Borings B-1 to B-3	30.00	Feet	22.00	660.00
	Drilling; Borings B-4 to B-6 (0-50 feet)	150.00	Feet	22.00	3,300.00
	Drilling; Borings B-4 to B-6 (50-90 feet)	120.00	Feet	26.00	3,120.00
	Mobilization	1.00	Each	1,200.00	1,200.00
	Daily Support Truck	1.00	Lump Sum	600.00	600.00
5099	Trimble R8 Rover (horizontal and vertical), per hour	3.00	Each	50.00	\$150.00
371	CADD/Graphics Operator	2.00	Hour	110.00	\$220.00
Activity 1.2	Geotechnical Soil Tests				\$1,105.00
1156	Atterberg Limits LL and PL, Single-Point, per sample	1.00	Each	100.00	\$100.00
1166	Loss by Washing Through #200 Sieve, per sample	3.00	Each	75.00	\$225.00
1186	Unconfined Compression, per sample	1.00	Each	100.00	\$100.00
1154R	Moisture Content and Density (ASTM D 2937) (rework)	2.00	Each	30.00	\$60.00
1152	Moisture content, per sample	10.00	Each	10.00	\$100.00
1022	Thin-walled sample tubes (ASTM D 15 87), each	2.00	Each	30.00	\$60.00
1234	Extrusion of thin-walled tube, per sample	2.00	Each	30.00	\$60.00
1196	Consolidation testing, one-dimensional (Strain vs. Pressure curve only) (ASTM D 2435), per sample	1.00	Each	400.00	\$400.00
Activity 1.3	Evaluation/Analysis/Reports				\$4,015.00
138	Project Assistant	3.00	Hour	80.00	\$240.00
126	Project Engineer	24.00	Hour	130.00	\$3,120.00
	<i>Work Activity Detail</i>	<i>Qty</i>	<i>Units</i>	<i>Hrs/Unit</i>	<i>Extension</i>
	Logging Soil Samples	1.00	Each	2.00	2.00
	Slope Stability	1.00	Each	8.00	8.00
	Review Soil Laboratory Tests	1.00	Each	2.00	2.00
	Geotechnical Engineering Analysis	1.00	Each	4.00	4.00
	Report	1.00	Each	8.00	8.00
128	Senior Engineer	3.00	Hour	175.00	\$525.00
125	Project Manager	1.00	Hour	130.00	\$130.00
Phase 1 Total:					\$16,800.00

Project Proposal

QTB110711

Greens Coulee Reservoir

Proposal Total:	\$16,800.00
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Section 1: Agreement

1.1 Our agreement with you consists of these General Conditions and the accompanying written proposal or authorization ("Agreement"). This Agreement is the entire agreement between you and us. It supersedes prior agreements. It may be modified only in a writing signed by us, making specific reference to the provision modified.

1.2 The words "you," "we," "us," and "our" include officers, employees, and subcontractors.

1.3 In the event you use a purchase order or other documentation to authorize our scope of work ("Services"), any conflicting or additional terms are not part of this Agreement. Directing us to start work prior to execution of this Agreement constitutes your acceptance. If, however, mutually acceptable terms cannot be established, we have the right to terminate this Agreement without liability to you or others, and you will compensate us for fees earned and expenses incurred up to the time of termination.

Section 2: Our Responsibilities

2.1 We will provide Services specifically described in this Agreement. You agree that we are not responsible for services that are not expressly included in this Agreement. Unless otherwise agreed in writing, our findings, opinions, and recommendations will be provided to you in writing. You agree not to rely on oral findings, opinions, or recommendations without our written approval.

2.2 In performing our professional services, we will use that degree of care and skill ordinarily exercised under similar circumstances by reputable members of our profession practicing in the same locality. If you direct us to deviate from our recommended procedures, you agree to hold us harmless from claims, damages, and expenses arising out of your direction. If during the one year period following completion of Services it is determined that the above standards have not been met and you have promptly notified us in writing of such failure, we will perform, at our cost, such corrective services as may be necessary, within the original scope in this Agreement, to remedy such deficiency. Remedies set forth in this section constitute your sole and exclusive recourse with respect to the performance or quality of Services.

2.3 We will reference our field observations and sampling to available reference points, but we will not survey, set, or check the accuracy of those points unless we accept that duty in writing. Locations of field observations or sampling described in our report or shown on our sketches are based on information provided by others or estimates made by our personnel. You agree that such dimensions, depths, or elevations are approximations unless specifically stated otherwise in the report. You accept the inherent risk that samples or observations may not be representative of things not sampled or seen and further that site conditions may vary over distance or change over time.

2.4 Our duties do not include supervising or directing your representatives or contractors or commenting on, overseeing, or providing the means and methods of their services unless expressly set forth in this Agreement. We will not be responsible for the failure of your contractors, and the providing of Services will not relieve others of their responsibilities to you or to others.

2.5 We will provide a health and safety program for our employees, but we will not be responsible for contractor, owner, project, or site health or safety.

2.6 You will provide, at no cost to us, appropriate site safety measures as to work areas to be observed or inspected by us. Our employees are authorized by you to refuse to work under conditions that may be unsafe.

2.7 Unless a fixed fee is indicated, our price is an estimate of our project costs and expenses based on information available to us and our experience and knowledge. Such estimates are an exercise of our professional judgment and are not guaranteed or warranted. Actual costs may vary. You should allow a contingency in addition to estimated costs.

Section 3: Your Responsibilities

3.1 You will provide us with prior environmental, geotechnical and other reports, specifications, plans, and information to which you have access about the site. You agree to provide us with all plans, changes in plans, and new information as to site conditions until we have completed Services.

3.2 You will provide access to the site. In the performance of Services some site damage is normal even when due care is exercised. We will use reasonable care to minimize damage to the site. We have not included the cost of restoration of damage in the estimated charges.

3.3 You agree to provide us, in a timely manner, with information that you have regarding buried objects at the site. We will not be responsible for locating buried objects at the site. *You agree to hold us harmless, defend, and indemnify us from claims, damages, losses, penalties and expenses (including attorney fees) involving buried objects that were not properly marked or identified or of which you had knowledge but did not timely call to our attention or correctly show on the plans you or others furnished to us.*

3.4 You will notify us of any knowledge or suspicion of the presence of hazardous or dangerous materials present on any work site or in a sample provided to us. You agree to provide us with information in your possession or control relating to such materials or samples. If we observe or suspect the presence of contaminants not anticipated in this Agreement, we may terminate Services without liability to you or to others, and you will compensate us for fees earned and expenses incurred up to the time of termination.

3.5 Neither this Agreement nor the providing of Services will operate to make us an owner, operator, generator, transporter, treater, storer, or a disposal facility within the meaning of the Resource Conservation Recovery Act, as amended, or within the meaning of any other law governing the handling, treatment, storage, or disposal of hazardous substances. *You agree to hold us harmless, defend, and indemnify us from any damages, claims, damages, penalties or losses resulting from the storage, removal, hauling or disposal of such substances.*

3.6 Monitoring wells are your property, and you are responsible for their permitting, maintenance, and abandonment unless expressly set forth otherwise in this Agreement.

3.7 You agree to make all disclosures required by law. In the event you do not own the project site, you acknowledge that it is your duty to inform the owner of the discovery or release of contaminants at the site. *You agree to hold us harmless, defend, and indemnify us from claims, damages, penalties, or losses and expenses, including attorney fees, related to failures to make disclosures, disclosures made by us that are required by law, and from claims related to the informing or failure to inform the site owner of the discovery of contaminants.*

Section 4: Reports and Records

4.1 Unless you request otherwise, we will provide our report in an electronic format.

4.2 Our reports, notes, calculations, and other documents and our computer software and data are instruments of our service to you, and they remain our property. We hereby grant you a license to use the reports and related information we provide only for the related project and for the purposes disclosed to us. You may not transfer our reports to others or use them for a purpose for which they were not prepared without our written approval. *You agree to indemnify, defend, and hold us harmless from claims, damages, losses, and expenses, including attorney fees, arising out of such a transfer or use.*

4.3 If you do not pay for Services in full as agreed, we may retain work not yet delivered to you and you agree to return to us all of our work that is in your possession or under your control.

4.4 Samples and field data remaining after tests are conducted and field and laboratory equipment that cannot be adequately cleansed of contaminants are and continue to be your property. They may be discarded or returned to you, at our discretion, unless within 15 days of the report date you give us written direction to store or transfer the materials at your expense.

4.5 Electronic data, reports, photographs, samples, and other materials provided by you or others may be discarded or returned to you, at our discretion, unless within 15 days of the report date you give us written direction to store or transfer the materials at your expense.

Section 5: Compensation

5.1 You will pay for Services as stated in this Agreement. If such payment references our Schedule of Charges, the invoicing will be based upon the most current schedule. An estimated amount is not a firm figure. You agree to pay all sales taxes and other taxes based on your payment of our compensation. Our performance is subject to credit approval and payment of any specified retainer.

5.2 You will notify us of billing disputes within 15 days. You will pay undisputed portions of invoices upon receipt. You agree to pay interest on unpaid balances beginning 30 days after invoice dates at the rate of 1.5% per month, or at the maximum rate allowed by law.

5.3 If you direct us to invoice a third party, we may do so, but you agree to be responsible for our compensation unless the third party is creditworthy (in our sole opinion) and provides written acceptance of all terms of this Agreement.

5.4 Your obligation to pay for Services under this Agreement is not contingent on your ability to obtain financing, governmental or regulatory agency approval, permits, final adjudication of any lawsuit, your successful completion of any project, receipt of payment from a third party, or any other event. No retainage will be withheld.

5.5 If you do not pay us in accordance with this Agreement, you agree to reimburse all costs and expenses for collection of the moneys invoiced, including but not limited to attorney fees and staff time.

5.6 You agree to compensate us in accordance with our Schedule of Charges if we are asked or required to respond to legal process arising out of a proceeding related to the project and as to which we are not a party.

5.7 If we are delayed by factors beyond our control, or if project conditions or the scope or amount of work changes, or if changed labor conditions result in increased costs, decreased efficiency, or delays, or if the standards or methods change, we will give you timely notice, the schedule will be extended for each day of delay, and we will be compensated for costs and expenses incurred in accordance with our Schedule of Charges.

5.8 If you fail to pay us in accordance with this Agreement, we may consider the default a total breach of this Agreement and, at our option, terminate our duties without liability to you or to others, and you will compensate us for fees earned and expenses incurred up to the time of termination.

5.9 In consideration of our providing insurance to cover claims made by you, you hereby waive any right to offset fees otherwise due us.

Section 6: Disputes, Damage, and Risk Allocation

6.1 Each of us will exercise good faith efforts to resolve disputes without litigation. Such efforts will include, but not be limited to, a meeting(s)

attended by each party's representative(s) empowered to resolve the dispute. Before either of us commences an action against the other, disputes (except collections) will be submitted to mediation.

6.2 *Notwithstanding anything to the contrary in this Agreement, neither party hereto shall be responsible or held liable to the other for punitive, indirect, incidental, or consequential damages, or liability for loss of use, loss of business opportunity, loss of profit or revenue, loss of product or output, or business interruption.*

6.3 You and we agree that any action in relation to an alleged breach of our standard of care or this Agreement shall be commenced within one year of the date of the breach or of the date of substantial completion of Services, whichever is earlier, without regard to the date the breach is discovered. Any action not brought within that one year time period shall be barred, without regard to any other limitations period set forth by law or statute. We will not be liable unless you have notified us within 30 days of the date of such breach and unless you have given us an opportunity to investigate and to recommend ways of mitigating damages. You agree not to make a claim against us unless you have provided us at least 30 days prior to the institution of any legal proceeding against us with a written certificate executed by an appropriately licensed professional specifying and certifying each and every act or omission that you contend constitutes a violation of the standard of care governing our professional services. Should you fail to meet the conditions above, you agree to fully release us from any liability for such allegation.

6.4 *For you to obtain the benefit of a fee which includes a reasonable allowance for risks, you agree that our aggregate liability for all claims will not exceed the fee paid for Services or \$50,000, whichever is greater. If you are unwilling to accept this allocation of risk, we will increase our aggregate liability to \$100,000 provided that, within 10 days of the date of this Agreement, you provide payment in an amount that will increase our fees by 10%, but not less than \$500, to compensate us for the greater risk undertaken.* This increased fee is not the purchase of insurance.

6.5 *You agree to indemnify us from all liability to others in excess of the risk allocation stated herein and to insure this obligation. In addition, all indemnities and limitations of liability set forth in this Agreement apply however the same may arise, whether in contract, tort, statute, equity or other theory of law, including, but not limited to, the breach of any legal duty or the fault, negligence, or strict liability of either party.*

6.6 This Agreement shall be governed, construed, and enforced in accordance with the laws of the state in which our servicing office is located, without regard to its conflict of laws rules. The laws of the state of our servicing office will govern all disputes, and all claims shall be heard in the state or federal courts for that state. Each of us waives trial by jury.

6.7 No officer or employee acting within the scope of employment shall have individual liability for his or her acts or omissions, and you agree not to make a claim against individual officers or employees.

Section 7: General Indemnification

7.1 *We will indemnify and hold you harmless from and against demands, damages, and expenses of others to the comparative extent they are caused by our negligent acts or omissions or those negligent acts or omissions of persons for whom we are legally responsible. You will indemnify and hold us harmless from and against demands, damages, and expenses of others to the comparative extent they are caused by your negligent acts or omissions or those negligent acts or omissions of persons for whom you are legally responsible.*

7.2 To the extent it may be necessary to indemnify either of us under Section 7.1, you and we expressly waive, in favor of the other only, any immunity or exemption from liability that exists under any worker compensation law.

7.3 You agree to indemnify us against losses and costs arising out of claims of patent or copyright infringement as to any process or system that is specified or selected by you or by others on your behalf.

Section 8: Miscellaneous Provisions

8.1 We will provide a certificate of insurance to you upon request. Any claim as an Additional Insured shall be limited to losses caused by our negligence.

8.2 You and we, for ourselves and our insurers, waive all claims and rights of subrogation for losses arising out of causes of loss covered by our respective insurance policies.

8.3 Neither of us will assign or transfer any interest, any claim, any cause of action, or any right against the other. Neither of us will assign or otherwise transfer or encumber any proceeds or expected proceeds or compensation from the project or project claims to any third person, whether directly or as collateral or otherwise.

8.4 This Agreement may be terminated early only in writing. You will compensate us for fees earned for performance completed and expenses incurred up to the time of termination.

8.5 If any provision of this Agreement is held invalid or unenforceable, then such provision will be modified to reflect the parties' intention. All remaining provisions of this Agreement shall remain in full force and effect.

8.6 No waiver of any right or privilege of either party will occur upon such party's failure to insist on performance of any term, condition, or instruction, or failure to exercise any right or privilege or its waiver of any breach.

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item:

#11

Project/Item Name:

2019 Miscellaneous Concrete Project

Location:

Citywide

Requested Action:

Approval of change order #1

Staff Report/
Description:

Change order number one covers concrete sidewalk installation along Troy Street. Budgeted 2019 Capital Improvements funds will be used for costs incurred.

Attachments:

Change order #1

2019 Miscellaneous Concrete

CHANGE ORDER # 1

Contract Date: March 27, 2019

Owner:	City of Onalaska
Contractor:	Fowler & Hammer Inc.
Contract/Project:	2019 Miscellaneous Concrete

You are directed to make the following changes in the Contract Documents:

Description:

- a) 2019 Utility Project Concrete Assistance. Concrete subcontractor for the 2019 Utility project withdrew from the project on September 25, 2019 prior to performing any concrete work. Additional quantities for 4" sidewalk placement (3,625 SF @ \$5.50/SF = \$19,937.50), 6" sidewalk placement (1,669 SF @ \$6.20/SF = \$10,347.80), and curb ramp detectable warning fields (14 @ \$275/Each = \$3,850.00) were used on Troy Street to assist with project completion.
- b) Additional 4" sidewalk placement City wide (1,401 SF @ \$5.50/SF = \$7,705.50).
- c) Install concrete in median islands at STH 35 and Main Street to improve motorist vision at signal lights (\$1,311.00)
- d) Over payment on 2019 Irvin Street Streetscaping and Paseo project to Fowler & Hammer from accounting error by City of Onalaska Engineering Department. (- \$4,664.73).

Change Order Request

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$ 109,838.75	Original Contract Times: Contract Substantial Comp: October 25, 2019
Net Increase from previous Change Orders: \$ 0.00	Net change from previous Change Orders: Contract Substantial Comp: 0 days
Contract Price prior to this Change Order: \$ 109,838.75	Contract Times prior to this Change Order: Contract Substantial Comp: October 25, 2019
Net Increase of this Change Order: \$ 38,487.07	Net Increase this Change Order: Contract Substantial Comp: 0 days
Contract Price with all approved Change Orders: \$ 148,325.82	Contract Times with all approved Change Orders: Contract Substantial Comp: October 25, 2019

APPROVED:
City of Onalaska

ACCEPTED BY:
Fowler & Hammer Inc.

By: _____
(Authorized Signature)

By: _____
(Authorized Signature)

Date:

Date:

This Effective Date of this Change Order is the date when approved by all parties.

STAFF REVIEW SUMMARY

CITY OF ONALASKA
BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item: **#12**

Project/Item Name: 2019 Abbey Road Reconstruction

Location: Abbey Road

Requested Action: Approval of Change Order #1

Staff Report/
Description: Change Order #1 covers additional cost for 8" concrete apron for large commercial trucks, new fence installation, storm sewer cleaning and various small improvements.

Attachments: Change Order #1

2019 Abbey Road Reconstruction

CHANGE ORDER # 1

Contract Date: March 26, 2019

Owner:	City of Onalaska
Contractor:	Gerke Excavating Inc.
Contract/Project:	2019 Abbey Road Reconstruction

You are directed to make the following changes in the Contract Documents:

Description:

- a) Additional 8" concrete installed for driveway aprons and sidewalk for large vehicle traffic at Kwik Trip, Valley Cartage, and Modern Crane. (4,969 square feet @ \$5.20/SF = \$25,838.80).
- b) Existing fence along Modern Crane and HWY 53 right of way could not be salvaged. Installation of 300' of new 6' high chain link fence at \$25/FT = \$7,500.00.
- c) Epoxy painting curb head along median islands at Town of Onalaska Park. (94 feet @ \$11.06/FT = \$1,040.00).
- d) Saw cut existing curb for new driveway entrance to Town of Onalaska Park. (\$1,220.00).
- e) Clean sediment from two existing 30" storm sewer mains at Strawberry LN and Cloverdale RD. (\$5,625.00).
- f) Insulation installed over water main at storm sewer crossing. (\$300.00).
- g) Relocated water service curb stop for better future connection. (\$1,200.00)

Change Order Request

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ 1,536,651.19
Net Increase from previous Change Orders: \$ 0.00
Contract Price prior to this Change Order: \$ 1,287,302.00
Net Increase of this Change Order: \$ 42,723.00
Contract Price with all approved Change Orders: \$ 1,579,374.19

CHANGE IN CONTRACT TIMES:
Original Contract Times: Contract Substantial Comp: September 27, 2019
Net change from previous Change Orders: Contract Substantial Comp: 0 days
Contract Times prior to this Change Order: Contract Substantial Comp: September 27, 2019
Net Increase this Change Order: Contract Substantial Comp: 30 Working days
Contract Times with all approved Change Orders: Contract Substantial Comp: September 27, 2019

APPROVED:
City of Onalaska

ACCEPTED BY:
Gerke Excavating Inc.

By: _____
(Authorized Signature)

By: _____
(Authorized Signature)

Date:

Date:

This Effective Date of this Change Order is the date when approved by all parties.

STAFF REVIEW SUMMARY

CITY OF ONALASKA
BOARD OF PUBLIC WORKS

December 3, 2019

Agenda Item: **#13**

Project/Item Name: 2019 Crestwood Booster Pump Station

Location: Crestwood Lane

Requested Action: Approval of Change Order #1

Staff Report/
Description: Change Order #1 covers additional costs based on WI Department of Natural Resources plan review and approval.

Attachments: Change Order #1

Crestwood Booster Pump Station

CHANGE ORDER # 1

Contract Date: May 14, 2019

Owner: City of Onalaska
 Contractor: Olympic Builders General Contractors
 Contract/Project: Crestwood Booster Pump Station

You are directed to make the following changes in the Contract Documents:

Description:

- a) Additional plumbing and site utilities requirements per Wisconsin Department of Natural Resources Plan Review. (\$13,087.52)

Change Order Request

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$ 974,846.00	Original Contract Times: Contract Substantial Comp: February 28, 2020 Contract Final Comp: May 30, 2020
Net Increase from previous Change Orders: \$ 0.00	Net change from previous Change Orders: Contract Substantial Comp: 0 days Contract Final Comp: 0 days
Contract Price prior to this Change Order: \$ 974,846.00	Contract Times prior to this Change Order: Contract Substantial Comp: February 28, 2020 Contract Final Comp: May 30, 2020
Net Increase of this Change Order: \$ 13,087.52	Net Increase this Change Order: Contract Substantial Comp: 47 days Contract Final Comp: 34 days
Contract Price with all approved Change Orders: \$ 987,933.52	Contract Times with all approved Change Orders: Contract Substantial Comp: <i>February 28, 2020</i> Contract Final Comp: May 30, 2020

APPROVED:
City of Onalaska

By: _____
(Authorized Signature)

Date:

ACCEPTED BY:
Olympic Builders General Contractors

By: _____
(Authorized Signature)

Date:

This Effective Date of this Change Order is the date when approved by all parties.



August 29, 2019

Email

City of Onalaska
415 Main Street
Onalaska, WI 54650

Attn: Kevin Schubert

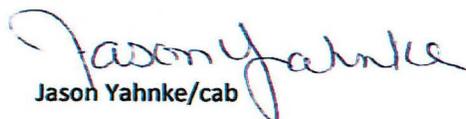
Re: Crestwood Booster Pump Station
Onalaska, WI 54650

REQUEST FOR CHANGE ORDER

Site utilities and plumbing cost changes per DNR review.

Plumbing Subcontractor		
Plumbing Labor:	\$4,230.00	- 45 hrs @ \$94.00/hr
Plumbing Materials:	\$2,450.00	
Site Utilities Labor:	\$1,088.00	- 16 hrs @ \$ 68.00/hr
Site Utilities Materials:	\$2,545.00	
Site Utilities Equipment:	\$900.00	Backhoe 4 hrs @ \$135.00/hr Compactor 4 hrs @ \$90.00/hr
<hr/>		
Subcontractor Subtotal	\$11,213.00	
<u>10% OH & P</u>	<u>\$1,121.30</u>	
Subcontractor Total	ADD	\$12,334.30
<u>Olympic-Supervision</u>	<u>\$130.00</u>	<u>- 2 hrs @ \$65.00/hr</u>
Subtotal	\$12,464.30	
<u>5% P & O</u>	<u>\$623.22</u>	
Total	ADD	\$13,087.52

Sincerely,


Jason Yahnke/cab

Attachments



Commercial/Residential-Plumbing

Cost Issue

Job Name: Crestwood Booster Pump Station

To: Olympic Builders

Date: August 29, 2019

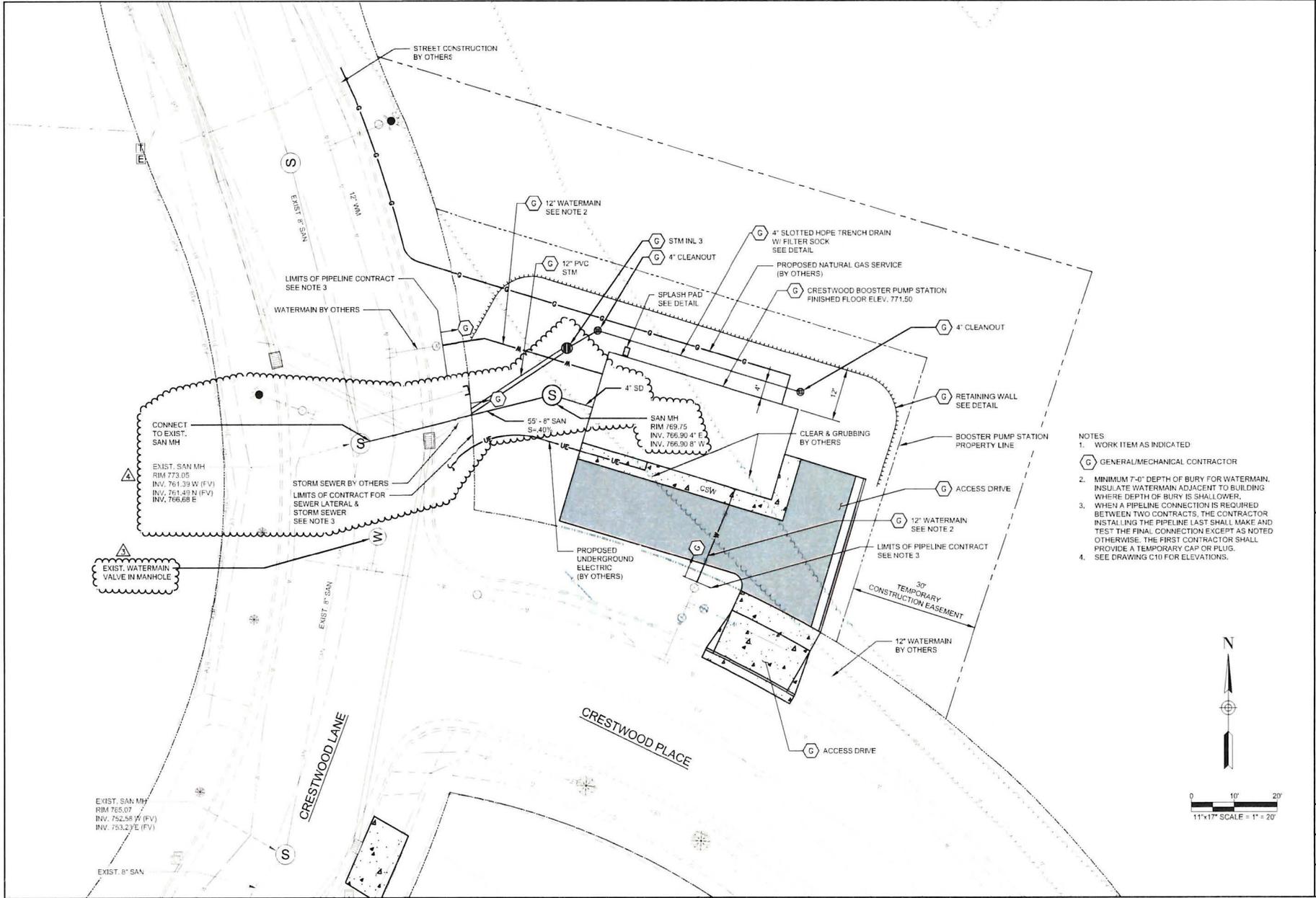
Cost Issue #001: Site utilities & plumbing changes per DNR review

Plumbing Labor:	\$ 4,230.00	45 hrs. @ \$ 94.00/hr.
Plumbing Materials:	\$ 2,450.00	
Site Utilities Labor:	\$ 1,088.00	16 hrs. @ \$ 68.00/hr.
Site Utilities Material:	\$ 2,545.00	
Site Utilities Equipment:	\$ 900.00	Backhoe 4 hrs. @ \$135.00/hr. Compactor 4 hrs. @ \$90.00/hr.
10% OH & P:	\$ 1,121.30	
<hr/>		
Total:	\$ 12,334.30	ADD

City of Onalaska to provide manhole frame & cover.
Cost issue does not include payment & performance bonds.

Al Schneider, O'Laughlin Trucking & Excavating, Mechanical LLC.

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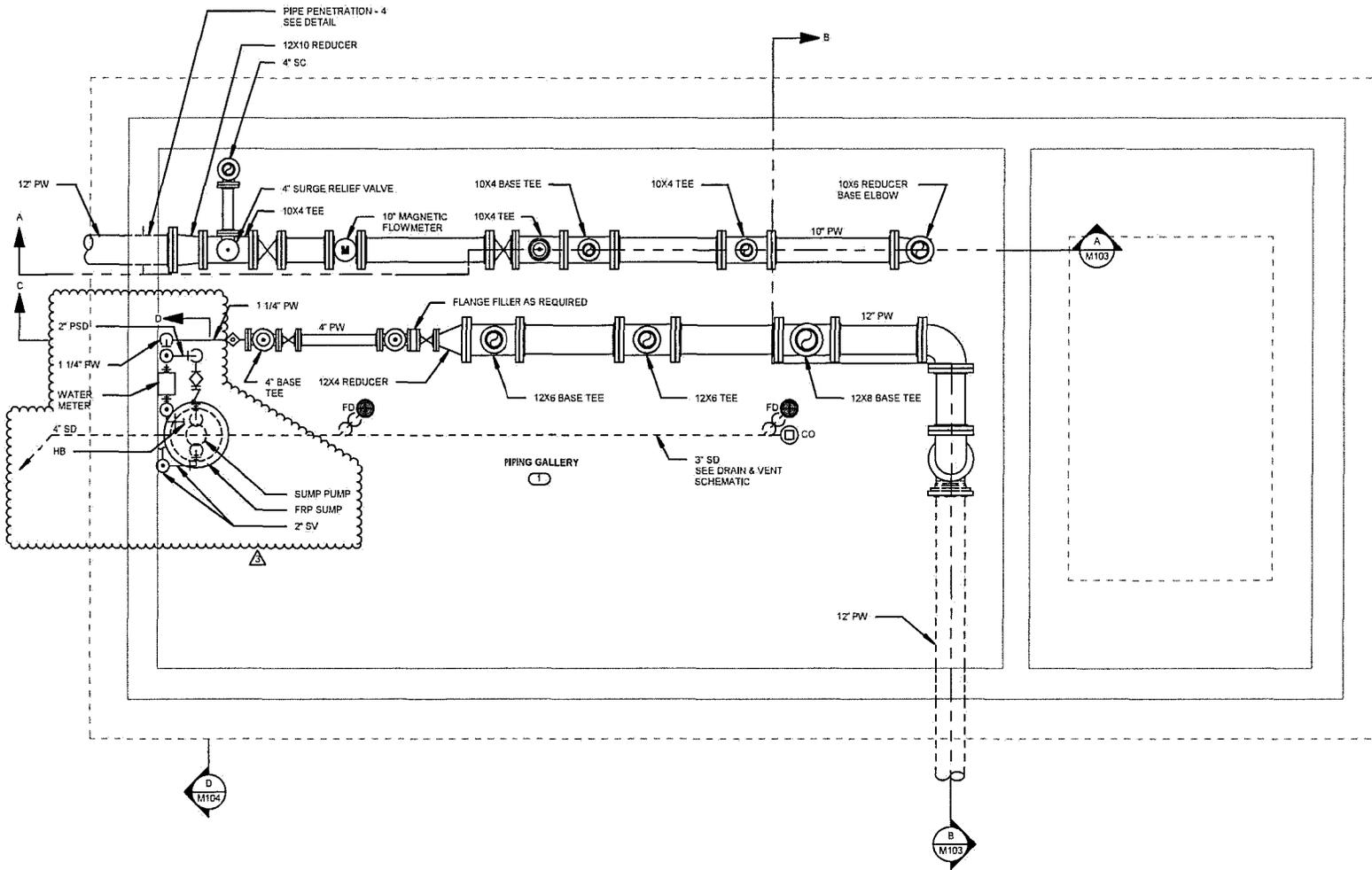


- NOTES
1. WORK ITEM AS INDICATED
 2. MINIMUM 7'-0" DEPTH OF BURY FOR WATERMAIN. INSULATE WATERMAIN ADJACENT TO BUILDING WHERE DEPTH OF BURY IS SHALLOWER.
 3. WHEN A PIPELINE CONNECTION IS REQUIRED BETWEEN TWO CONTRACTS, THE CONTRACTOR INSTALLING THE PIPELINE LAST SHALL MAKE AND TEST THE FINAL CONNECTION EXCEPT AS NOTED OTHERWISE. THE FIRST CONTRACTOR SHALL PROVIDE A TEMPORARY CAP OR PLUG.
 4. SEE DRAWING C10 FOR ELEVATIONS.



REVISION DATE	REMARKS
07/26/2019	AWORNER PLAN REVIEW
07/31/2019	AV DNR PLAN REVIEW
FIELDBOOK: 662B	
SCALE: AS SHOWN	
DRAWN: KKCSM	
CHECKED: SSW	
DATE: 04/01/2019	
DAVY ENGINEERING CO. LA CROSSE, WISCONSIN	
BOOSTER PUMP STATION SITE PLAN CRESTWOOD BOOSTER PUMP STATION ONALASKA, WISCONSIN	
PROJECT NUMBER	1398-109.021
DRAWING NO.	G10
SHEET NO.	8

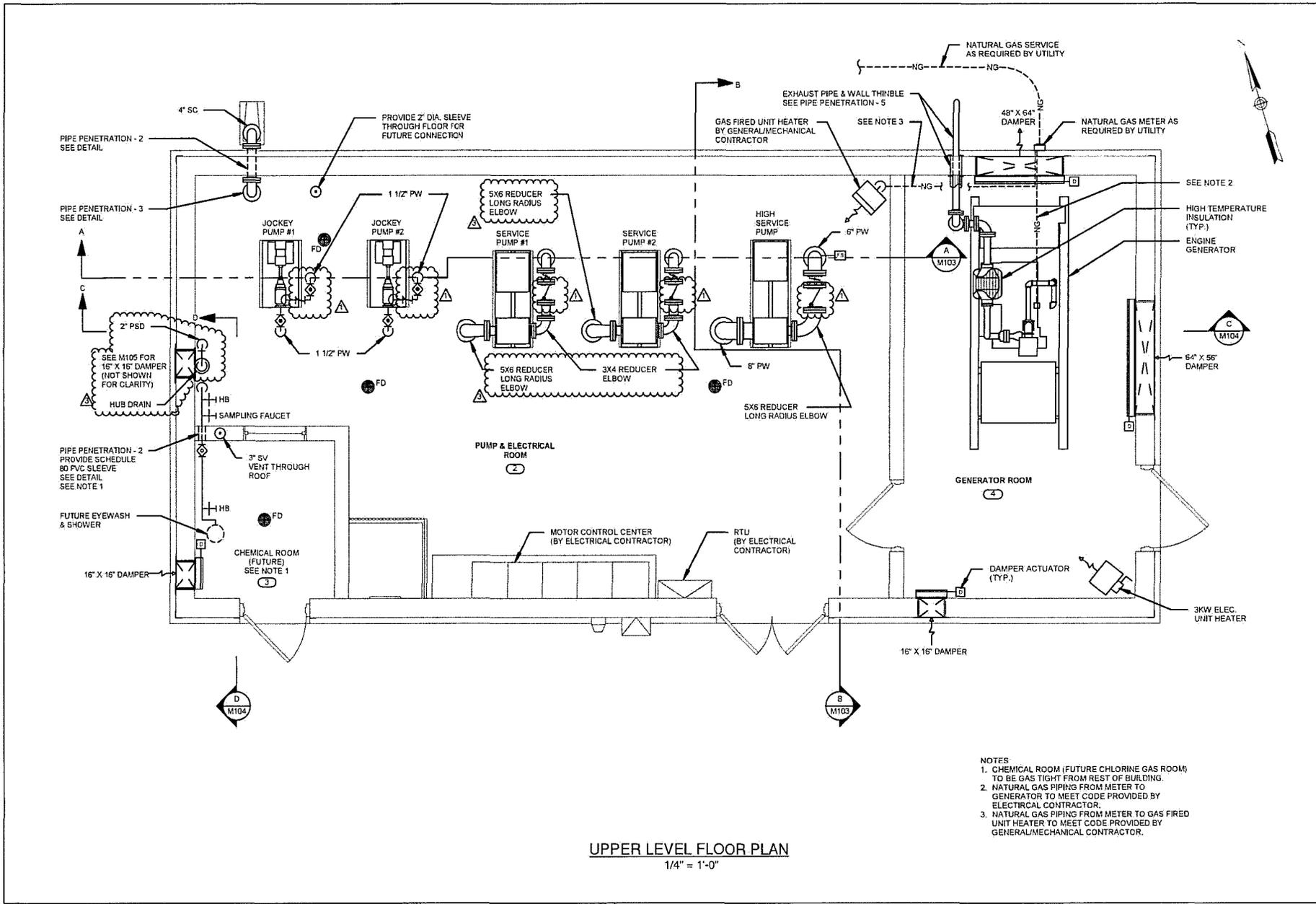
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LOWER LEVEL FLOOR PLAN
1/4" = 1'-0"

REVISION DATE	REVISIONS
07/26/2019	SEWER REVISION
07/26/2019	WASTEWATER PLAN REVIEW
PROJECT NUMBER 1398-109.021	
DRAWING NO. M101	
SHEET NO. 31	
FIELDWORK NO. 0 DRAWN: CSW CHECKED: SSW DATE: 04/12/2019	
DAVY ENGINEERING CO. LA CROSSE, WISCONSIN	
DAVY <small>ENGINEERING</small>	
LOWER LEVEL FLOOR MECHANICAL PLAN CRESTWOOD BOOSTER PUMP STATION ONALASKA, WISCONSIN	

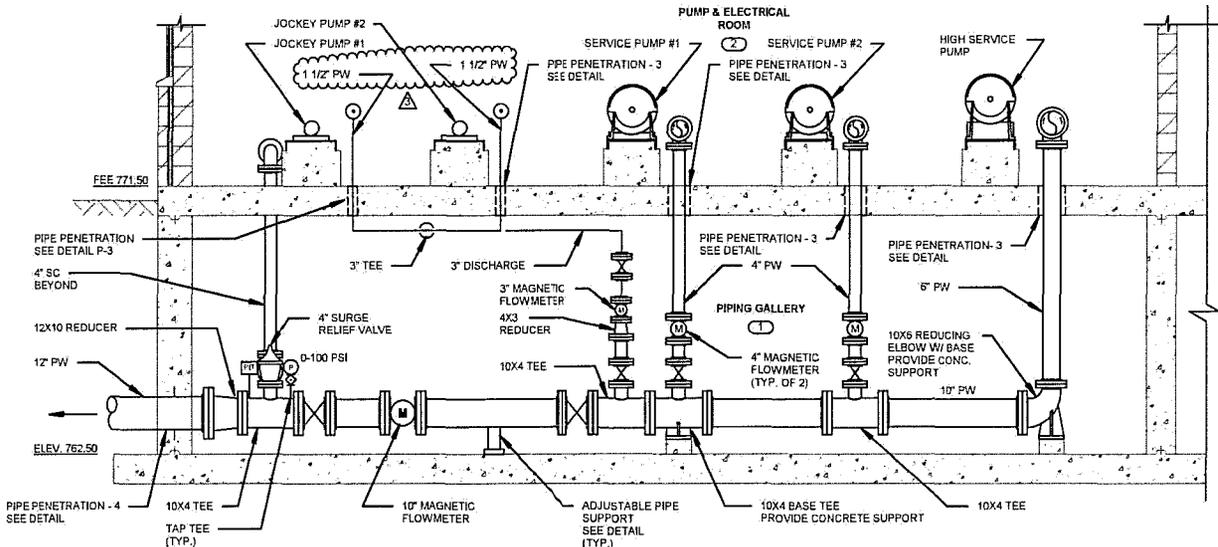
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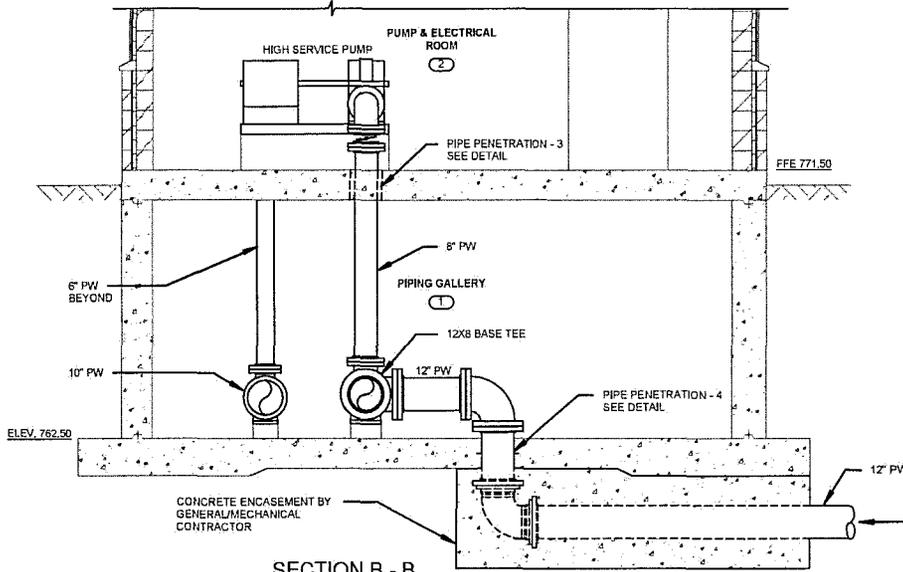
UPPER LEVEL FLOOR PLAN
 1/4" = 1'-0"

REVISION DATE	REVISION	REMARKS
07/28/2018	1	CHECK VALUE
07/28/2018	2	ADDITIONAL REVIEW
PROJECT NUMBER 1398-109.021		
DRAWING NO M102		
SHEET NO. 32		
FILE DROCK 6628 DRAWN: CSM CHECKED: SSW DATE: 03/01/2018		
DAVY ENGINEERING CO. LA CROSSE, WISCONSIN		

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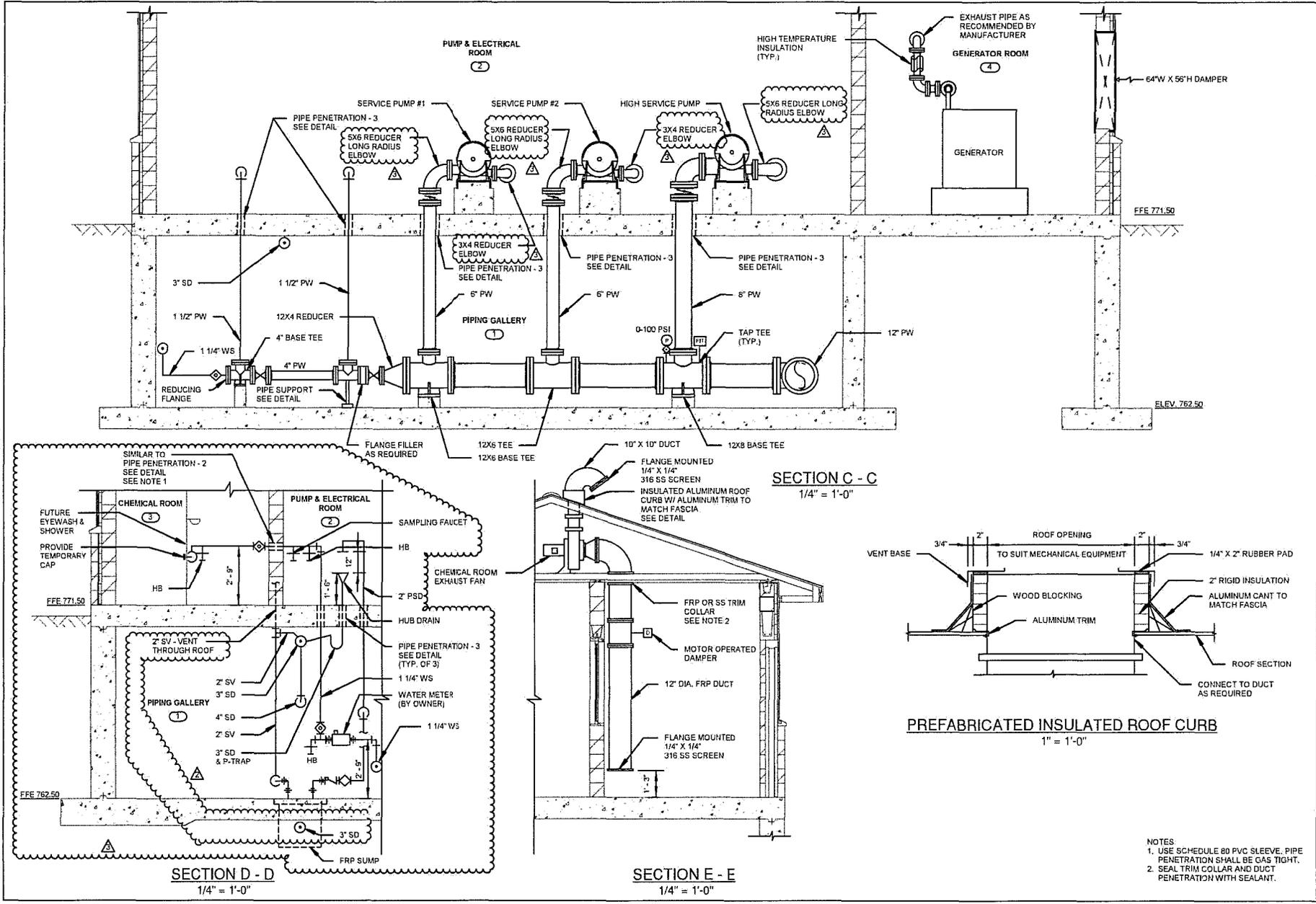
SECTION A - A
1/4" = 1'-0"



SECTION B - B
1/4" = 1'-0"

REVISION DATE	REVISIONS	FIELDWORK #28	DAVY ENGINEERING CO. LA CROSSE, WISCONSIN
07/26/2019	AWORK PLAN REVIEW	DRAWN: CSW CHECKED: SSW DATE: 04/07/2019	
MECHANICAL SECTIONS - 1 CRESTWOOD BOOSTER PUMP STATION ONALASKA, WISCONSIN			
PROJECT NUMBER	1388-109.021	DRAWING NO	M103
SHEET NO.	33		

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REVISION DATE	REVISION	REMARKS
07/25/2018	1	ISSUED FOR PERMIT
07/25/2018	2	SEWER REVISION
	3	ADJUST PUMP DEPTH

FILED BOOK 6498
DRAWN: L.C.S.M.
CHECKED: J.S.W.
DATE: 04/17/2019

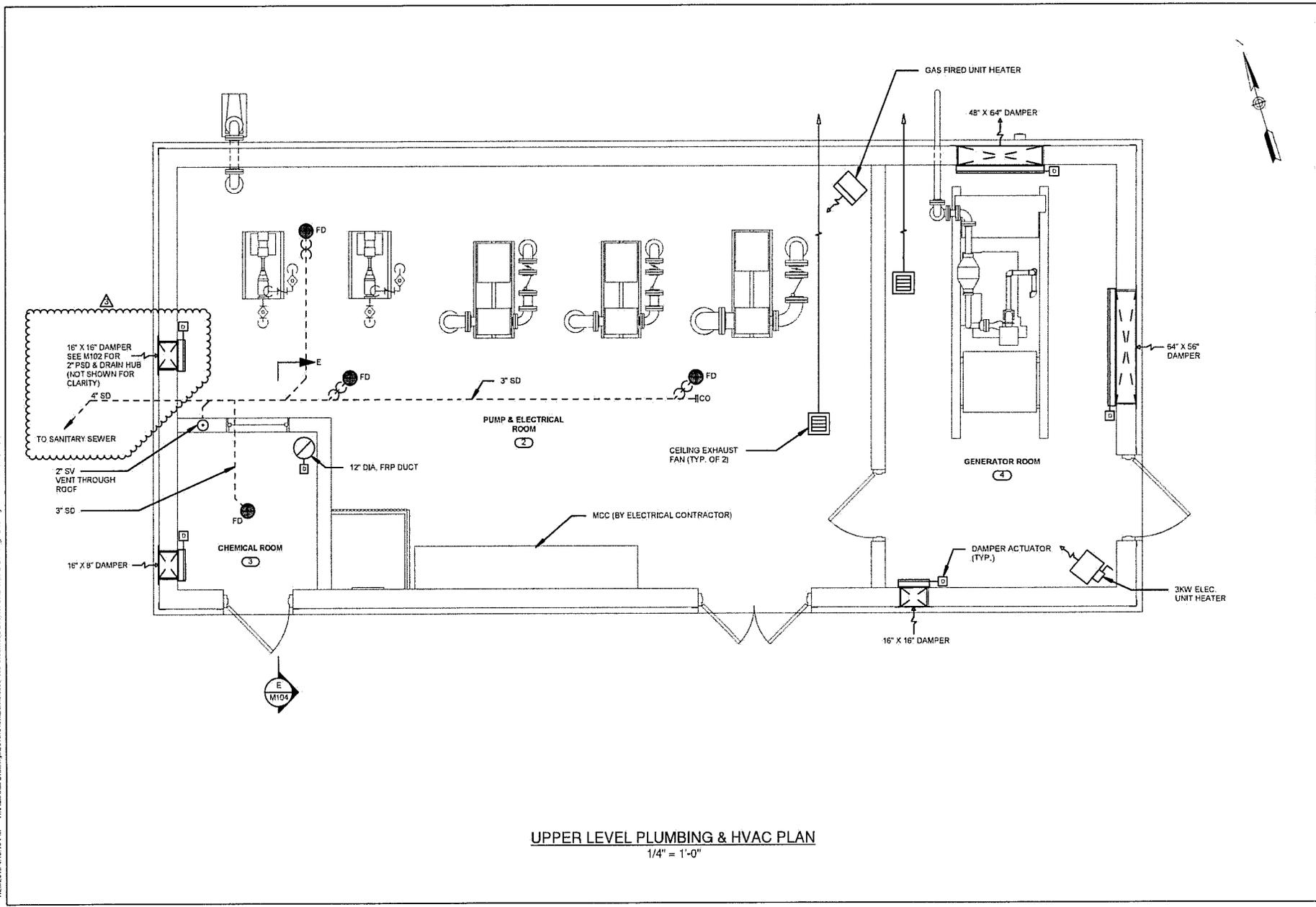
DAVY ENGINEERING CO.
LA CROSSE, WISCONSIN

MECHANICAL SECTIONS - 2
CRESTWOOD BOOSTER PUMP STATION
ONALASKA, WISCONSIN

PROJECT NUMBER	1356-105.071
DRAWING NO.	M104
SHEET NO.	34

- NOTES
- USE SCHEDULE 80 PVC SLEEVE, PIPE PENETRATION SHALL BE GAS TIGHT.
 - SEAL TRIM COLLAR AND DUCT PENETRATION WITH SEALANT.

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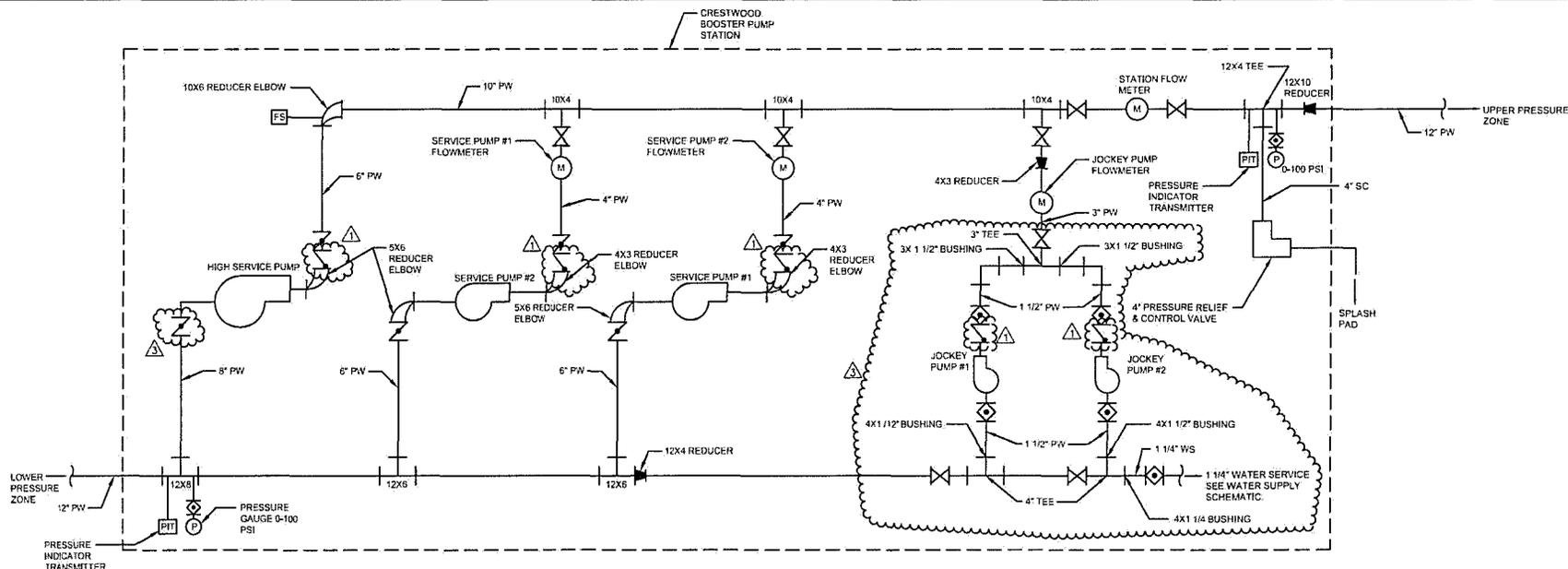
UPPER LEVEL PLUMBING & HVAC PLAN
1/4" = 1'-0"

REVISION DATE	REMARKS
07/26/2019	ANALYSIS PLAN REVIEW
FIELD BOOK 662B	
DRAWN: CSM	
CHECKED: SSW	
DATE: 03/01/2011	
PLUMBING & HVAC PLAN & DETAILS	
CRESTWOOD BOOSTER PUMP STATION	
ONALASKA, WISCONSIN	
PROJECT NUMBER	1398-109.021
DRAWING NO	M105
SHEET NO.	35

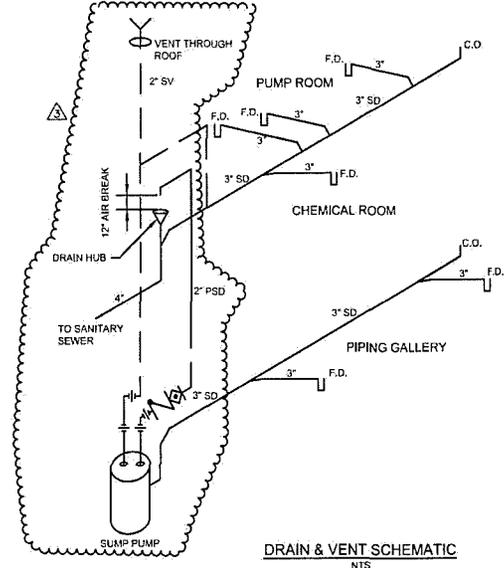
DAVY ENGINEERING CO.
LA CROSSE, WISCONSIN



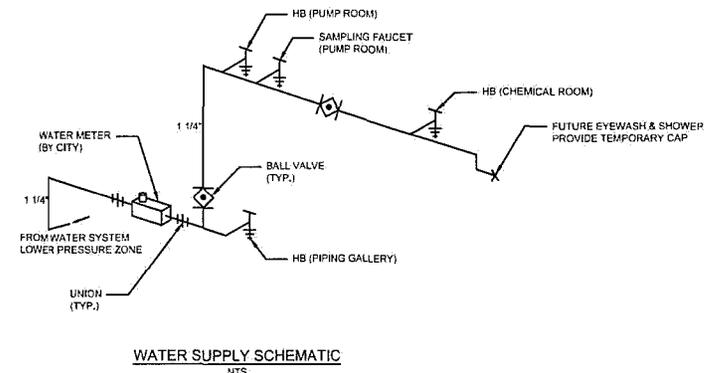
H:\AutoCad Drawings\2018\Crestwood\1398-109 Crestwood Booster Station\CAD Drawings\Building\1398-109 BOOSTER PUMP STATION SCHEMATIC.dwg, 1/25/2019 3:54:00 PM



BOOSTER PUMP STATION SCHEMATIC
NTS



DRAIN & VENT SCHEMATIC
NTS



WATER SUPPLY SCHEMATIC
NTS

REVISION/DATE	REMARKS
05/08/2018	✓ CHECK VALVE
07/26/2018	✓ ADD PUMP REVIEW
FIELD BOOK: 628	
SCALE: AS SHOWN	
DRAWN: KAC/SM	
CHECKED: SSW	
DATE: 04-01-2018	
DAVY ENGINEERING CO. LA CROSSE, WISCONSIN	
SCHEMATICS CRESTWOOD BOOSTER PUMP STATION CINALASKA, WISCONSIN	
PROJECT NUMBER	1398-109.021
DRAWING HD.	M2
SHEET NO.	30

**BOARD OF PUBLIC WORKS
MONTHLY ESTIMATES
December 3, 2019**

#14

REV 11/26/19

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
1. SEH INC. Green Coulee Reservoir Design Estimate #10	\$ 25,000.00	\$ -	\$ 21,201.93	\$ 2,170.13
2. DAVY ENGINEERING French Rd Booster Station/Crestwood Ln Design Estimate #14	\$ 126,490.00	\$ 76,010.00	\$ 218,312.17	\$ 488.08
3. GERKE EXCAVATING, INC Abbey Road Project Construction Estimate #8	\$ 1,536,651.19	\$ 42,723.00	\$1,494,332.44	\$ 78,236.14
4. OLYMPIC BUILDERS GENERAL CONTRACTORS 6th & Quincy Pumping Station Construction Estimate #8	\$ 989,678.00	\$ -	\$ 705,610.60	\$ 26,125.00
5. STRAND ASSOCIATES 6th & Quincy Lift Station Construction Estimate #7	\$ 33,000.00	\$ -	\$ 28,176.72	\$ 588.61
6. MATHY CONSTRUCTION 2019 Pavement Project Construction Estimate #6	\$ 1,082,820.45	\$ 86,159.30	\$1,037,782.75	\$ 13,929.16
7. STRAND ASSOCIATES Court St Lift Station Construction Estimate #4	\$ 24,300.00	\$ -	\$ 4,809.32	\$ 1,469.74
8. GERKE EXCAVATING INC 2019 Utility Project Construction Estimate #5	\$ 1,287,302.00	\$ -	\$ 785,279.10	\$ 154,312.97
9. ALL AMERICAN LUMBER INC Public Works Facility Addition Construction Estimate #4	\$ 1,155,183.00	\$ -	\$ 484,789.73	\$ 202,794.16

**BOARD OF PUBLIC WORKS
MONTHLY ESTIMATES
December 3, 2019**

REV 11/26/19

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
10. OLYMPIC BUILDERS GENERAL CONTRACTORS Crestwood Booster Station Construction Estimate #3	\$ 974,846.00	\$ 13,087.52	\$ 145,592.25	\$ 90,060.19
11. STRAND ASSOCIATES Well #9 Chlorine Addition Design Estimate #2	\$ 16,300.00	\$ -	\$ 1,605.07	\$ 2,083.10
12. GERKE EXCAVATING Court St Lift Station Construction Estimate #2	\$ 394,000.00	\$ -	\$ 79,099.28	
13. MSA PROFESSIONAL SERVICES Green Coulee Intersection Design Estimate #7	\$ 91,458.00	\$ -	\$ 50,204.79	\$ 3,803.01
14. FOWLER & HAMMER INC. 2019 Irvin St Streetscaping & Paseo Construction Estimate #4	\$ 225,854.00	\$ -	\$ 218,954.32	\$ 4,664.73
15. FOWLER & HAMMER INC 2019 Misc. Concrete Construction Estimate #6	\$ 109,838.75	\$ 38,487.07	\$ 73,530.00	\$ 71,785.27
16. A-1 EXCAVATING Crestwood Lane Utilities Construction Estimate #5	\$ 698,189.75	\$ 58,773.14	\$ 684,390.12	\$ 6,825.00