

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 4, 2018

Agenda Item:

#4

Project/Item Name:

January meeting date/time

Location:

Citywide

Requested Action:

Approval of meeting date

Staff Report/
Description:

First Tuesday in January falls on January 1, 2019. Staff is recommending either Thursday December 27th or Thursday January 3, 2019 for the meeting date.

Attachments:

none

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 4, 2018

Agenda Item:

#5

Project/Item Name:

Capital Projects budget

Location:

Citywide

Requested Action:

Set date & time for public hearing

Staff Report/
Description:

The public hearing scheduled for the December meeting was moved to the January meeting due posting of the public hearing not occurring within the time needed. Staff is recommending the public hearing be set for the date finalized for the January meeting.

Attachments:

2018 – 2020 proposed Capital Improvement
Budget

CITY OF ONALASKA
2019 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</u> <u>Amount</u> <u>Already</u> <u>Bonded</u>	<u>Less</u> <u>Amount</u> <u>Other</u> <u>Sources</u>	<u>Amount</u> <u>Needed by</u> <u>Borrowing</u>
<u>I. Public Works Department</u>									
1. Sidewalk program (NEW)									
a. Sidewalk replacement program (1/7 City)	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ 75,000
b. Miscellaneous repairs throughout City	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ 25,000
2. Pavement maintenance program w/ La Crosse County Hwy Dept (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ 300,000
3. Green Coulee intersection improvements at East Main St (2015 #16, 2016 #7, 2017 #6, 2018 #6)									
a. Design							<i>2018 CIP #6</i>		
1) Schematic Design	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -
2) Preliminary Design	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 100,000
4. Street paving - Irvin St from 2nd Ave S to 3rd Ave S including streetscaping (PASER 2.0) (2018 #26)	\$ -	\$ -	\$ -	\$ -	\$ 186,000	\$ 186,000	<i>2018 CIP #26</i>	\$ 62,000	\$ -
5. Sand Lake Rd reconstruction - Redwood St to Riders Club Rd (2016 #14, 2017 #7, 2018 #7)									
a. Design (2019)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 50,000
b. Construction (2021)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
c. USH 53 - Access rights along Sand Lake Rd - Future intersection	\$ -	\$ -	\$ -	\$ -	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ 85,000
6. Stormwater Management pond capacity enhancements @ USH 53 & Sand Lake Rd (2018 CIP #8)	\$ -	\$ -	\$ 137,000	\$ -	\$ -	\$ 137,000	\$ -	\$ -	\$ 137,000
7. Railroad quiet zone study 2nd Ave SW & Irvin St							<i>2006 CIP</i>		
a. Design Study (2013 CIP #24, 2017 CIP #3)	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ 15,000	\$ -	\$ -
b. Construction (2017 CIP #3)	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	<i>2017 CIP</i>	\$ 30,000	\$ -
8. Street paving - Pinecrest Ln, Valley Ct, Fairfield Pl, 13th Ave S (2017 #22, 2018 #10) (PASER 2.5)	\$ -	\$ -	\$ -	\$ -	\$ 145,000	\$ 145,000	\$ -	\$ -	\$ 145,000

CITY OF ONALASKA 2019 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>
I. Public Works Department (cont'd)									
9. Street reconstruction - 2nd Ave SW - STH 35 to railroad tracks & Oak Forest Dr - 2nd Ave SW to STH 35 (2017 #23, 2018 #11) (PASER 2.0)	\$ 10,000	\$ 257,000	\$ 78,000	\$ -	\$ 233,000	\$ 578,000	\$ -	\$ -	\$ 578,000
10. Abbey Rd reconstruction, City limits to Commerce Rd (2017 #26, 2018 #13)								Water \$45,000 Sewer \$45,000	
a. Design	\$ 45,000	\$ 45,000	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ 90,000	\$ -
b. Construction	\$ 445,000	\$ 487,000	\$ 187,000	\$ -	\$ 402,000	\$ 1,521,000	\$ -	\$ -	\$ 1,521,000
11. Commerce Road reconstruction (NEW) - Abbey Rd to Abbey Rd	\$ 133,000	\$ 184,000	\$ 86,000	\$ -	\$ 196,000	\$ 599,000	\$ -	\$ -	\$ 599,000
12. Green Coulee water high service zone improvements Reservoir Design (2016 #9, 2017 #17, 2018 #10)							2016 CIP #11 (\$50,000) 2017 CIP #17 (\$20,000) 2018 CIP #16 (\$80,000)		
a. Design	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ -
b. Construction (2020) Est. \$1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13. Street paving - Oak Ave N from Vilas St to Westwood Dr, Parkridge Dr, Sunset Pl, Terrace Dr & Sunrise Ct - (2018 #20) (PASER 2.1)	\$ -	\$ -	\$ -	\$ -	\$ 357,000	\$ 357,000	\$ -	\$ -	\$ 357,000
14. Street paving - Wilson St from 13th Ave S to Oak Forest Dr (2018 #21) (PASER 2.0)	\$ -	\$ -	\$ -	\$ -	\$ 188,000	\$ 188,000	2016 CIP \$ 133,060	LRIP \$ 54,940	\$ -
15. Sanitary sewer slip lining (2018 #23)	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000
16. Street paving - Pierce St from Oak to 8th, 7th Ave N from Madison to Well St (2018 #27) (PASER 2.3)	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 100,000
17. 6th Ave lift station - reconstruction (2017 #30, 2018 #28)							2017 CIP		
a. Preliminary Design (2017)	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -
b. Final Design & Bidding (2018)	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000	2018 CIP \$ 60,000	\$ -	\$ -
c. Construction (2019)	\$ 740,000	\$ -	\$ -	\$ -	\$ -	\$ 740,000	\$ -	\$ -	\$ 740,000
18. Traffic signal replacement/renovation (2018 #29)									
a. Theater Rd & East Main St	\$ -	\$ -	\$ -	\$ -	\$ 170,000	\$ 170,000	\$ -	\$ -	\$ 170,000
19. John St storm sewer lining & rehabilitation (2018 #32)	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000

CITY OF ONALASKA 2019 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>									
20. Sand Lake Rd street lighting - Rolling Oaks to CTH SN (2018 #33)	\$ —	\$ —	\$ —	\$ —	\$ 113,000	\$ 113,000	\$ —	\$ —	\$ 113,000
21. Street reconstruction - Troy St -Hwy 35 to 6th Ave N (PASER 1.9) (2018 #64)	\$ 222,000	\$ 251,000	\$ 699,000	\$ -	\$ 235,000	\$ 1,407,000	\$ -	\$ -	\$ 1,407,000
22. Street paving - Monica Ct, Monica Ln & Hope Ct (PASER 2.0) (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 139,000	\$ 139,000	\$ -	\$ -	\$ 139,000
23. Court St lift station - replacement (NEW)	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	TIF(SWR) \$ 150,000	\$ 150,000
24. CTH SN - La Crosse County - Onalaska's share for intersection improvements at CTH SN & CTH OT (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000	\$ -	\$ -	\$ 45,000
25. Election equipment --electronic poll books (NEW)	\$ —	\$ —	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ 50,000
26. Cemetery fencing (NEW)	\$ —	\$ —	\$ —	\$ —	\$ 60,000	\$ 60,000	\$ —	\$ —	\$ 60,000
27. One-ton truck w/plow, box & anti-icing system (NEW)(No trade in)	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ 20,000	\$ 80,000	\$ -	\$ -	\$ 80,000
28. Alley Paving - 2nd - 3rd/Main - King (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ 30,000
29. Public Works Facility - heated storage addn to west end of bldg (60' X 156') (NEW) (Design/Construction)	\$ 263,500	\$ 263,500	\$ 263,500	\$ -	\$ 263,500	\$ 1,054,000	\$ -	\$ -	\$ 1,054,000
30. French Rd/Crestwood Ln areas - (Proposed 2011)									
									2015 CIP (\$60,700)WTR
									2018 CIP (\$58,300)(SWR 14,700, GF 19,600, WTR 24,000)
a. Project Design	\$ 14,700	\$ 84,700	\$ -	\$ -	\$ 19,600	\$ 119,000	\$ 119,000	\$ -	\$ -
b. Booster Station	\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ 800,000	\$ -	\$ -	\$ 800,000
c. Crestwood Ln - street improvements	\$ 106,000	\$ 285,000	\$ -	\$ -	\$ 170,000	\$ 561,000	\$ -	\$ -	\$ 561,000
d. Reservoir (2022) Est \$1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31. Cemetery Master Plan (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ 20,000

CITY OF ONALASKA
2019 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>III. Fire Department</u>									
41 Land & Facilities (Proposed 2008)- a. Purchase land (1.5 acres@\$6.00/sq ft) Fire Station #2 - STH 16 & I-90 vicinity	\$	\$	\$	\$	\$ 396,000	\$ 396,000	\$		\$ 396,000
								EquipRpl \$8,000 Grant \$72,000	
42 Exhaust system for appartus bay/living quarters (NEW)(90/10)	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000	\$ -	\$ 80,000	\$ -
43 Rapid Deployment Craft (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 8,000	\$ 8,000	\$ -	\$ -	\$ 8,000
<u>IV. Parks & Recreation Department</u>									
44 Rowe Park a. Parking lot for Shelter #1 (2018 #47)	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ 60,000
45 Miscellaneous concrete - accessibility for parks, approx. 400 linear ft (NEW) (ADA Transition Plan)	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 40,000
46 Open air shelters a. Meier Farm	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -	<i>Park Fund</i> \$ 15,000	\$ 15,000
b. Hilltopper Heights	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	\$ -	<i>Park Fund</i> \$ 15,000	\$ 15,000
47 Rowe Park a. Master Plan (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 15,000
b. Window replacement at shop (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 4,000	\$ 4,000	\$ -	\$ -	\$ 4,000
48 Oak Park playground replacement (NEW)	\$	\$	\$	\$	\$ 50,000	\$ 50,000	\$	\$	\$ 50,000
49 Public art (Proposed 2018 #34)	\$	\$	\$	\$	\$ 90,000	\$ 90,000	\$	\$	\$ 90,000
<u>V. Police</u>									
50 Squad car - unmarked (2018 #48)	\$ -	\$ -	\$ -	\$ -	\$ 40,600	\$ 40,600	\$ -	\$ -	\$ 40,600
51 Squad cars (2) (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 106,200	\$ 106,200	\$ -	\$ -	\$ 106,200

CITY OF ONALASKA
2019 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</u> <u>Amount</u> <u>Already</u> <u>Bonded</u>	<u>Less</u> <u>Amount</u> <u>Other</u> <u>Sources</u>	<u>Amount</u> <u>Needed by</u> <u>Borrowing</u>
							<i>Spec Proj Reserve \$193,660 (Proj # 52-58)</i>		
<u>VI. Omni Center</u>									
52 Close in shelter area west of Arena #1 (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 52,420	\$ 52,420	\$ -	\$ 52,420	\$ -
53 Cabinets & counter in Concession #1 (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 18,500	\$ 18,500	\$ -	\$ 18,500	\$ -
54 Replace main power panels in Building #1 (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 25,490	\$ 25,490	\$ -	\$ 25,490	\$ -
55 Electric ice edger (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 6,750	\$ 6,750	\$ -	\$ 6,750	\$ -
56 Locker room showers & flooring (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 5,500	\$ 5,500	\$ -	\$ 5,500	\$ -
57 Used ice resurfacer (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ -	\$ 75,000	\$ -
58 Carpet Arena #2 entry (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 12,000	\$ 12,000	\$ -	\$ 12,000	\$ -
							<i>Trade \$2000 Sp Prj Res \$73,000</i>		
<u>VII. Library</u>									
59 New chairs & foot stools in general areas (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 22,755	\$ 22,755	\$ -	\$ -	\$ 22,755
60 LED lights (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ 10,000
61 Ceiling fans (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 5,290	\$ 5,290	\$ -	\$ -	\$ 5,290
62 Repaint under walkway (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ 2,000	\$ -	\$ -	\$ 2,000
<u>VIII. City Hall</u>									
63 Add dedicated water line to Fire Dept from water main (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 9,500	\$ 9,500	\$ -	\$ -	\$ 9,500
64 Roof replacement over original bldg - Council Chambers & PD and Fire areas (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 44,250	\$ 44,250	\$ 44,250	\$ -	\$ -
65 New kitchen & living area in Fire Dept living area (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ 60,000
66 Parking lot maintenance (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 15,000

CITY OF ONALASKA
2019 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</u> <u>Amount</u> <u>Already</u> <u>Bonded</u>	<u>Less</u> <u>Amount</u> <u>Other</u> <u>Sources</u>	<u>Amount</u> <u>Needed by</u> <u>Borrowing</u>
VIII. City Hall (cont)									
67 Cement & brick work around City Hall & Main St pillars (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	CIP1998 \$ 10,750	\$ -	\$ 39,250
68 OPD/OFD/City Hall - Carpet Replacement & Office furnishings (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ 25,000
69 Paint stairwells (4) & lower level hallways (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 4,500	\$ 4,500	\$ -	\$ -	\$ 4,500
IX. Information Technology Dept									
70 Microsoft Office Upgrade for all computers	\$ 3,000	\$ 3,000	\$ 1,200	\$ -	\$ 40,800	\$ 48,000	\$ -	Equip Rplcmnt 82.5% Water 6.25% Sewer 6.25% Storm Wtr 2.5% *Omni 2.5% (INCLUDED IN GF) \$ 48,000	\$ -
71 Phone system update, includes phones & installation/setup	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000	\$ -	\$ -	\$ 175,000
72 Transfer of new hire info from NeoGov to Tyler Technologies	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 40,000
73 Emergency Operations Center updating technology in the room (wiring, etc.)	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 40,000
74 Downton Parking Study	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ -	CDA \$ 10,000	\$ -
TOTALS:	\$ 2,719,200	\$ 2,489,200	\$ 1,460,700	\$ -	\$ 4,618,655	\$ 11,287,755	\$ 797,060	\$ 948,600	\$ 9,542,095

	<u>Projected</u> <u>Costs</u>	<u>Less Already</u> <u>Bonded</u>	<u>Less Other</u> <u>Sources</u>	<u>Net Project</u> <u>Cost</u>	<u>Issuance Costs</u>	<u>Projected</u> <u>Bond Issue</u>
Sewer Projects	\$ 2,719,200	\$ 124,700	\$ 198,000	\$ 2,396,500	\$ -	\$ 2,396,500
Water Projects	\$ 2,489,200	\$ 244,700	\$ 88,000	\$ 2,156,500	\$ -	\$ 2,156,500
Storm Water Projects	\$ 1,460,700	\$ 3,000	\$ 1,200	\$ 1,456,500	\$ -	\$ 1,456,500
Tourism	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Projects	\$ 4,618,655	\$ 424,660	\$ 661,400	\$ 3,532,595	\$ -	\$ 3,532,595
Grand Totals	\$ 11,287,755	\$ 797,060	\$ 948,600	\$ 9,542,095	\$ -	\$ 9,542,095

CITY OF ONALASKA
2018 Capital Improvement Projects - ADOPTED / TO BE REFINANCED

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed to be Refinanced</u>
<u>I. Public Works Department</u>							
4. Water Main Replacement & Street Reconstruction (incl. curb & gutter) - Holiday Heights (2015 Proposed #10, 2016 Proposed #4 & 2017 Proposed #4), East Young Dr, West Young Dr, Medary Ln, & Hoffman Pl - (PASER 2.4)	\$ 76,000	\$ 585,000	\$ 200,000	\$ 861,000	\$ -	\$ -	\$ 861,000
9. Street reconstruction - King St, 5th Ave N to 6th Ave N & 6th Ave N reconstruction - Main St to Monroe St (2015 Proposed #25, 2016 Proposed #15, 2017 Proposed #8) (PASER 2.5)	\$ 9,000	\$ 51,000	\$ 21,000	\$ 81,000	\$ -	\$ -	\$ 81,000
14. Riders Club Rd street renovation (2014 CIP #21, 2015 CIP #7, 2016 CIP #33 & 2017 CIP #15) - STH 35 to Sand Lake Rd (PASER 2.6)							
a. Design (100%)	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
b. Right of way acquisition (100%)	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
c. Construction (80% STP-U Funding) (20% - City Funding)	\$ 20,000	\$ -	\$ -	\$ 20,000	\$ -		\$ 20,000
15. Braund St/PH Design - Braund St to Theater Rd PH to Hwy 16 - street reconstruction (2014 CIP #22, 2015 CIP #8, 2016 CIP #34, & 2017 CIP #16)							
a. Design - PASER 2.0 (100%)	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -
b. Right of way acquisition local (100%)	\$ -	\$ -	\$ -	\$ -			\$ -
c. Construction (80% STP-U) (20% City)	\$ 6,000	\$ -	\$ -	\$ 6,000	\$ -		\$ 6,000

CITY OF ONALASKA
2018 Capital Improvement Projects - ADOPTED / TO BE REFINANCED

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed to be Refinanced</u>
24. Fiber computer cable from City Hall to Public Works Facility & Library (NEW)							
a. Design (2018)	\$ 10,000	\$ 10,000	\$ 3,000	\$ 23,000	\$ -	\$ -	\$ 23,000
b. Construction (2019) - \$165,000	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
25. SCADA System upgrades (NEW)	\$ 44,000	\$ 76,000	\$ -	\$ 120,000	\$ -	\$ -	\$ 120,000
28. 6th Ave lift station - reconstruction (2017 #30)							
a. Preliminary Design (2017)		\$ -	\$ -			\$ -	\$ -
b. Final Design & Bidding (2018)	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000
b. Construction (2019) \$600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTALS:	\$ 205,000	\$ 722,000	\$ 224,000	\$ 1,151,000	\$ -	\$ -	\$ 1,151,000

OK

	<u>Projected Costs</u>	<u>Less Already Bonded</u>	<u>Less Other Sources</u>	<u>Issuance Costs</u>	<u>Projected Bond Issue</u>
Sewer Projects	\$ 205,000	\$ -	\$ -	\$ -	\$ 205,000
Water Projects	\$ 722,000		\$ -	\$ -	\$ 722,000
Storm Water Projects	\$ 224,000	\$ -		\$ -	\$ 224,000
Grand Totals	\$ 1,151,000	\$ -	\$ -	\$ -	\$ 1,151,000

**CITY OF ONALASKA
2020 Capital Improvement Projects - *Proposed***

	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Total Cost</u>	<u>Less Amount Already Bonded</u>	<u>Less Amount Other Sources</u>	<u>Amount Needed by Borrowing</u>	<u>Info Only 2020 General</u>
I. Public Works Department								
1 Green Coulee water high service zone reservoir	\$ -	\$ 1,100,000	\$ -	\$ 1,100,000	\$ -	\$ -	\$ 1,100,000	
2 11th Ave N - forcemain replacement/street reconstruction - Main St to Well St , Monroe St 11th to East, Pierce St 11th to 12th	\$ 204,000	\$ 189,000	\$ 14,000	\$ 407,000	\$ -	\$ -	\$ 407,000	\$ 469,000
3 SCADA System upgrades	\$ 44,000	\$ 76,000	\$ -	\$ 120,000	\$ -	\$ -	\$ 120,000	
4 Vacuum Street Sweeper	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 250,000	
5 Wellhouse improvements - chemical rooms	\$ -	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000	
6 Street reconstruction - Sunset Vista Subdivision (2018 #62)								
a. West Ave - Troy St to Royal	\$ 95,000	\$ 165,000	\$ 23,000	\$ 283,000	\$ -	\$ -	\$ 283,000	\$ 167,000
b. Park Ave W - Troy St to Park	\$ -	\$ -	\$ 39,000	\$ 39,000	\$ -	\$ -	\$ 39,000	\$ 107,000
c. Park Ave - Troy St to Royal St	\$ 129,000	\$ 153,000	\$ 25,000	\$ 307,000	\$ -	\$ -	\$ 307,000	\$ 173,000
d. 4th Ave N - Troy St to Quincy St	\$ 161,000	\$ 197,000	\$ 19,000	\$ 377,000	\$ -	\$ -	\$ 377,000	\$ 212,000
e. Royal St - STH 35 to East Ave	\$ 69,000	\$ 111,000	\$ -	\$ 180,000	\$ -	\$ -	\$ 180,000	\$ 113,000
7 Street reconstruction - 2nd Ave SW - STH 35 to railroad tracks & Oak Forest Dr - 2nd Ave SW to STH 35 (2017 #23, 2018 #11, 2019 #9) (PASER 2.0)	\$ 10,000	\$ 257,000	\$ 78,000	\$ 345,000	\$ -	\$ -	\$ 345,000	\$ 233,000
8 Fiber computer cable from City Hall to Public Works Facility & Library (NEW) (2019 #35)								\$ 100,000
b. Construction (2019)								

ok

TOTALS: \$ 712,000 \$ 2,498,000 \$ 448,000 \$ 3,658,000 \$ - \$ - \$ 3,658,000

ok

	<u>Projected Costs</u>	<u>Less Already Bonded</u>	<u>Less Other Sources</u>	<u>Issuance Costs</u>	<u>Projected Bond Issue</u>
Sewer Projects	\$ 712,000	\$ -	\$ -	\$ -	\$ 712,000
Water Projects	\$ 2,498,000	\$ -	\$ -	\$ -	\$ 2,498,000
Storm Water Projects	\$ 448,000	\$ -	\$ -	\$ -	\$ 448,000
Grand Totals	\$ 3,658,000	\$ -	\$ -	\$ -	\$ 3,658,000

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 4, 2018

Agenda Item:

#6

Project/Item Name:

Water system corrosion control

Location:

Citywide

Requested Action:

Update on Orthophosphate addition

Staff Report/
Description:

Attached is the Wisconsin DNR approval for addition of Orthophosphate within the City of Onalaska water system. Staff has been working on obtaining this approval since April 2018. The addition of Orthophosphate will begin in December 2018 and will require additional testing of the water system.

Attachments:

Wis. DNR approval letter

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



November 20, 2018

CARI BURMASTER CLERK
CITY OF ONALASKA
415 MAIN STREET
ONALASKA WI 54650

Project Number: W-2018-0459A
PWSID#: 63203272
DNR Region: WCR
County: LA CROSSE

SUBJECT: WATER SYSTEM FACILITIES PLAN AND SPECIFICATION APPROVAL

Dear Ms. Burmaster:

The Wisconsin Department of Natural Resources, Division of Environmental Management, Bureau of Drinking Water and Groundwater, is conditionally approving plans and specifications for the following project. An engineering report or information of sufficient detail to meet the requirements of s. NR 811.09 (3), Wis. Adm. Code, was submitted along with the plans and specifications.

Water system name: Onalaska Waterworks

Date received: 11/01/2018

Engineering firm: Process Research Solutions, LLC (PRS)

Professional Engineer: Abigail Cantor

Regional DNR Contact: Charlie Cameron, DNR, 3550 Mormon Coulee Rd Rm 104, La Crosse, WI 54601, (608) 785-9013, charles.cameron@wisconsin.gov

Project description: The Department conditionally approved plans and specifications for temporary phosphate chemical feed equipment on September 11, 2018, under project number W-2018-0459. Proposed modifications to the dosing and treatment screening plan have been submitted. The dosing plan has been modified to start the phosphate at a minimum dose of 0.20 PPM as product (0.064 ppm total phosphate, 0.058 ppm as orthophosphate) and gradually increase the dose to a maximum of 3.5 ppm as product (1.12 ppm total phosphate, 1.01 ppm as orthophosphate). The dose increases will take place over a time frame of 6 to 12 months. The plans and specifications are being approved by the Department subject to the conditions below.

Initial Chemical Dosing Information: The City of Onalaska will introduce diluted LPC-132 (90% orthophosphate/10% polyphosphate) at a starting dose of 0.20 ppm as product (0.064 ppm total phosphate, 0.058 ppm as orthophosphate) at Well No. 7, Well No. 8, Well No. 9, and Well No. 10. While dilution is necessary, LPC-132 will be diluted at an approximate ratio of 3:1. Initial feeder settings for each well are provided in the table below. New LMI Model No. B911-490SI diaphragm chemical feed pumps will be installed at each well. During the pilot, pump settings must be configured with each chemical feed pump operating at a minimum 12 strokes per minute (SPM) and 20% stroke length. In lieu of maintaining a 10 mg/L chlorine residual, the City has indicated they will routinely disinfect the storage tanks before new chemical additions and monitor for bacterial growth in the tank through ATP testing. If bacterial growth is not controlled through these methods, a 10mg/L residual of chlorine will be maintained for the diluted solution.

	Well No. 7	Well No. 8	Well No. 9	Well No. 10
Chemical Pump Speed Setting (SPM)	21	22	25	25
Chemical Pump Stroke Length Setting (% of Max)	50	50	50	50

Chemical Dose Increase Information: Dose increases will be initiated based on copper concentrations monitored in the distribution system. Monitoring will be conducted at PRS monitoring stations, and at residences through sequential sampling. Copper concentration monitoring will determine if current doses are providing optimal corrosion control treatment or if additional dose increases are required to minimize copper concentrations to the greatest possible extent. Increases to phosphate doses will be conducted simultaneously and at identical rates at each well. **Changes to phosphate dosing must be reported to the Department in writing within 5 days of making the change.** Notification of the dose increase amount must include proposed increase, proposed orthophosphate entry point residual, and new chemical pump settings. An example notification and reporting document titled *Incremental Dose Change Record* is included for your reference. The Department understands the phosphate dose will be increased over 6-12 months until the approved dose of 3.5 ppm as product (1.12 ppm total phosphate, 1.01 ppm as orthophosphate) is achieved. If the pilot study results indicate a different dose would be appropriate, a modified plan review submittal must be submitted for review and approval. Prior Department approval must be obtained to continue the use of Hawkins LPC-132 after 12 months from the date that the Department authorizes startup.

Approval conditions related to Chapters NR 809, NR 810, and NR 811, Wis. Adm. Code:

1. A preconstruction conference shall be held to ensure the understanding of, and compliance with, the approved plans and specifications, the duties of the resident project representative, the disinfection and bacteriological sampling requirements of s. NR 810.09(4), Wis. Adm. Code and any special conditions listed below.
2. Charlie Cameron of the Department's La Crosse office shall be notified when this project is completed so he can inspect the installation as he deems it necessary and to grant approval to place the chemical feed systems in service. (s. NR 810.26 (1), Wis. Adm. Code)
3. The Department understands the calculated corrosion control treatment (CCT) doses were based on water quality parameters (WQPs) from samples collected in the distribution system. **The final phosphate dose and distribution system orthophosphate residuals are expected to achieve the levels approved. The proposed dose of 3.5 ppm (1.12 ppm as total phosphate, 1.01 ppm as orthophosphate) is considered both a final target dose and a long-term maintenance dose; any changes to the long-term doses or residual targets would require additional plan review.** (s. NR 108.02 (13)(b), Wis. Adm. Code)
4. In accordance with s. NR 809.542, Wis. Adm. Code, Onalaska shall conduct investigative lead and copper sequential monitoring at consumer taps and PRS monitoring stations (s. NR 809.542 (2)(c)(3), Wis. Adm. Code) and WQP monitoring at entry points *and* within the distribution system following changes in CCT. Onalaska shall monitor orthophosphate residuals at the entry point and within the distribution system and include the results in the monthly operating report. In addition, the daily usage of all chemicals including orthophosphate added to the water shall be reported in the monthly operating report. (s. NR 810.07 (2)(b), Wis. Adm. Code). Sampling requirements are described in detail in a-1 below. The Department will evaluate the results of the lead, copper, and WQP testing to determine if

Onalaska has installed and optimized corrosion control. A summary table titled *Onalaska Waterworks Treatment Screening Sampling* has been included for reference.

- a. **Prior to making the CCT change:** A series of *investigative* lead and copper profile samples (sequential samples) from 3 sites shall be collected prior to making the CCT change. Locations shall be single family homes with the historically highest copper levels. **Sites shall be selected to be returned to for the 3-month and 9-month sampling events described below.** The City shall have samples analyzed for lead and copper at a laboratory certified for Safe Drinking Water analysis and report results to the Department. The sample results shall be reported to your Drinking Water Engineer.
- b. **Prior to making the CCT change:** TWO SETS of WQP samples from five sites within the distribution system shall be collected. The FIRST SET of samples shall be collected at least 5-14 days before making the CCT change and submitted to the lab and the results provided to the Department. The SECOND SET of samples shall be collected 5-14 days later and submitted to the lab and the results provided to the Department. The sample locations shall best represent whole-system water quality. **Note:** Bacti sites are acceptable WQP sampling locations, and two of the five sites may be flowing water samples taken from the PRS Monitoring Stations.
- c. **Prior to making the CCT change:** TWO SETS of WQP samples from each entry point within the distribution system shall be collected. The FIRST SET of samples shall be collected at least 5-14 days before making the CCT change and submitted to the lab and the results provided to the Department. The SECOND SET of samples shall be collected 5-14 days later and submitted to the lab and the results provided to the Department.
- d. **Immediately following CCT Change:** Orthophosphate residuals within the distribution system shall be monitored no less than *twice a week*. Sample sites shall be rotated to capture orthophosphate residuals system-wide. Values shall be reported on Electric Monthly Operating Reports (EMOR).
- e. **Immediately following CCT Change:** Orthophosphate residuals at each entry point shall be monitored no less than *twice a week*. Values shall be reported on EMOR.
- f. **Immediately following CCT Change:** The orthophosphate dose at each entry point shall be reported *daily*. The values shall be reported on EMOR.
- g. **Three Months following the CCT change:** A series of *investigative* lead and copper profile samples (sequential samples) from 3 sites shall be collected three months following the CCT change. The locations shall be single family homes with the historically highest copper levels. The City shall have samples analyzed for lead and copper at a laboratory certified for Safe Drinking Water analysis by February 20, 2019 and report results to the Department. The sample results shall be reported to your Drinking Water Engineer.
- h. **Three Months following the CCT change:** TWO SETS of WQP samples from five sites within the distribution system shall be collected. The FIRST SET of samples shall be collected three months following the CCT change and submitted to the lab and the results provided to the Department. The SECOND SET of samples shall be collected 5-14 days later and submitted to the lab and the results provided to the Department. Sample locations should best represent whole-system water quality. **Note:** Bacti sites are acceptable WQP sampling locations, and two of the five sites may be flowing water samples taken from the PRS Monitoring Stations.

- i. **Three Months following the CCT change:** TWO SETS of WQP samples from each entry point within the distribution system shall be collected. The FIRST SET of samples shall be collected three months following the CCT change and submitted to the lab and the results provided to the Department. The SECOND SET of samples shall be collected 5-14 days later and submitted to the lab and the results provided to the Department.
 - j. **Nine Months following the CCT change:** A series of *investigative* lead and copper profile samples (sequential samples) from 3 sites shall be collected nine months following the CCT change. The locations shall be single family homes with the historically highest copper levels. The City shall have samples analyzed for lead and copper at a laboratory certified for Safe Drinking Water analysis by August 19, 2019 and report results to the Department. The sample results shall be reported to your Drinking Water Engineer.
 - k. **Nine Months following the CCT change:** TWO SETS of WQP samples from five sites within the distribution system shall be collected. The FIRST SET of samples shall be collected nine months following the CCT change and submitted to the lab and the results provided to the Department. The SECOND SET of samples shall be collected 5-14 days later and submitted to the lab and the results provided to the Department. Sample locations should best represent whole-system water quality. **Note:** Bacti sites are acceptable WQP sampling locations, and two of the five sites may be flowing water samples taken from the PRS Monitoring Stations.
 - l. **Nine Months following the CCT change:** TWO SETS of WQP samples from each entry point within the distribution system shall be collected. The FIRST SET of samples shall be collected nine months following the CCT change and submitted to the lab and the results provided to the Department. The SECOND SET of samples shall be collected 5-14 days later and submitted to the lab and the results provided to the Department.
 - m. Once sample data for lead, copper, and WQPs described above has been received, the Department will determine future *Treatment Screening Sampling* requirements. The Department may also use this information to set optimized water quality parameters (OWQPs), if copper values are shown to be reduced at customer's taps as a result of dosing changes proposed. The Department will specify, under a separate approval, OWQP values for optimal corrosion control under s. NR 809.543(6-7) and 809.548(4), Wis. Adm. Code.
5. Water systems optimizing corrosion control shall continue to operate and maintain optimal corrosion control treatment. The continued operation of optimized corrosion control treatment includes maintaining optimal water quality parameters at or above minimum values or within ranges designated by the Department including approved treatment doses. (s. NR 809.543 (8), Wis. Adm. Code). The cessation or modification of corrosion control treatment requires Department approval. This approval is for a 12-month pilot study, and Onalaska should plan accordingly and request Department approval for a permanent treatment approval or request an extension to the pilot study timeframe before the 12-month expiration date of this approval.
 6. Following each copper sampling event, the City shall notify consumers of test results within 30-days of receiving results from the lab. (s. NR 809.546(4) Wis. Adm. Code).
 7. Any treatment alterations which may affect the quality of water delivered by a community water system shall be submitted to the Department for review and approval prior to making the alteration. (s. NR 108.02 (13), Wis. Adm. Code)

8. If new chemical feed equipment will be needed, plans and specifications shall be submitted to the Department prior to the installation or construction of the new equipment. (s. NR 108.04 (2), Wis. Adm. Code)

If you have questions regarding the sampling requirements, please contact Bridget Kelly at 608-266-9257, or the Regional Water Supply Engineer, Charlie Cameron.

Approval conditions related to other Department requirements: None.

Approval constraints: The project was reviewed in accordance with ss. 281.34 and 281.41, Wis. Stats. for compliance with Chapters NR 108, NR 810, NR 811 and NR 820, Wis. Adm. Code and is hereby approved in accordance with ss. 281.34 and 281.41, Wis. Stats. subject to the conditions listed above. This approval is valid for two years from the date of approval. If construction or installation of the improvements has not commenced within two years the approval shall become void and a new application must be made and approval obtained prior to commencing construction or installation.

This approval is based upon the representation that the plans submitted to the Department are complete and accurately represent the project being approved. Any approval of plans that do not fairly represent the project because they are incomplete, inaccurate, or of insufficient scope and detail is voidable at the option of the Department.

Be advised that this project may require permits or approvals from other federal, state or local authorities. For example, a certificate of authority from the Public Service Commission of Wisconsin may be required per s. 196.49, Wis. Stats. and ch. PSC 184, Wis. Adm. Code.

Appeal rights: If you believe that you have a right to challenge this decision, you should know that the Wisconsin Statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. To request a contested case hearing pursuant to s. 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. Requests for contested case hearings must be made in accordance with ch. NR 2, Wis. Adm. Code. Filing a request for a contested case hearing does not extend the 30 day period for filing a petition for judicial review. For judicial review of a decision pursuant to ss. 227.52 and 227.53, Wis. Stats., you must file your petition with the appropriate circuit court and serve the petition on the Department within 30 days after the decision is mailed. A petition for judicial review must name the Department of Natural Resources as the respondent.

Recommendations: The following recommendations are based on staff review of the project. The owner is not required to implement the recommendations in order to comply with the approval.

1. The Department recommends notifying consumers of tests results within 24-hrs. of receiving results from the lab.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
For the Secretary



Florence A. Olson, P.E.
Public Water Engineering Section
Bureau of Drinking Water and Groundwater
(608) 266-8470

Enclosed:

- 1) *Incremental Dose Change Record*
- 2) *Onalaska Waterworks Treatment Screening Sampling*

cc: Jarrod Holter – City of Onalaska (by email)
Jim Prindle – City of Onalaska (by email)
Abigail Cantor – Process Research Solutions LLC, Madison (by email)
Charlie Cameron – DNR, La Crosse (by email)
Troy Stapelmann – DNR, Eau Claire (by email)
Bridget Kelly – DNR, Madison (by email)
Mark Williams – PSC, Madison (by email)
Stephen Kemna – PSC, Madison (by email)
Peggy Wischhoff – PSC, Madison (by email)
Bradley Siefker – DNR, Madison, Plan Reviewer (by email and hard copy to the file)

Onalaska Lead and Copper Treatment Screening Sampling

Sampling Timeframe	Analyte Type	Location	Number of Sites	Type of Sample	Parameters	Number of samples
IMMEDIATELY Following CCT Change	Operational WQP	Entry Point Sites	EP No. 7 EP No. 8 EP No. 9 EP No. 10	Grab	orthophosphate residual	Twice a week - reported on monthly operating report (eMOR)
	Operational WQP	Distribution System Sites	Rotating sites* - bacti sites are acceptable	Grab	orthophosphate residual	Twice a week - reported on monthly operating report (eMOR)
	Operational WQP	Entry Point Sites	EP No. 7 EP No. 8 EP No. 9 EP No. 10	NA	orthophosphate dose	Daily - reported on monthly operating reports (eMOR)
PRIOR TO CCT Change	PBCU	Distribution System Sites – consumer taps	3 single family homes with historically highest copper levels	Sequential Sampling. <i>See additional resource.</i>	lead, copper	Collect a series of samples from each site – the number of samples will depend on in-home plumbing and the length of the service line. All samples must be collected and submitted to the lab prior to the CCT change.
	WQP	Distribution System Sites – bacti sites are acceptable	5 sites that best represent whole-system water quality (3 single family homes and 2 PRS Monitoring Stations flowing system water taps – not test chamber samples)	Grab	alkalinity, aluminum, calcium, chloride, conductivity, free chlorine, total chlorine, hardness, iron, manganese, orthophosphate, total phosphorus, pH, sulfate, water temp	Two SETS of samples must be collected from each site. The first set must be collected prior to the treatment change and submitted to lab. The second set must be collected 5-14 days after the first set.
	WQP	Entry Point Sites	EP No. 7 EP No. 8 EP No. 9 EP No. 10	Grab	alkalinity, aluminum, calcium, chloride, conductivity, free chlorine, total chlorine, hardness, iron, manganese, orthophosphate, total phosphorus, pH, sulfate, water temp	Two SETS of samples must be collected from each site. The first set must be collected prior to the treatment change and submitted to lab. The second set must be collected 5-14 days after the first set.

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Onalaska Lead and Copper Treatment Screening Sampling

Sampling Timeframe	Analyte Type	Location	Number of Sites	Type of Sample	Parameters	Number of samples
THREE MONTHS (90 days) Following CCT Change	PBCU	Distribution System Sites – consumer taps	3 single family homes with historically highest copper levels	Sequential Sampling. <i>See additional resource.</i>	lead, copper	Collect a series of samples from each site – the number of samples will depend on in-home plumbing and the length of the service line. All samples must be collected and submitted to the lab within 90-100 days of the CCT change.
	WQP	Distribution System Sites – bacti sites are acceptable	5 sites that best represent whole-system water quality (3 single family homes and 2 PRS Monitoring Stations flowing system water taps – not test chamber samples)	Grab	alkalinity, aluminum, calcium, chloride, conductivity, free chlorine, total chlorine, hardness, iron, manganese, orthophosphate, total phosphorus, pH, sulfate, water temp	Two SETS of samples must be collected from each site. The first set must be collected 90-100 days after the treatment change and submitted to lab. The second set must be collected 5-14 days after the first set.
	WQP	Entry Point Sites	EP No. 7 EP No. 8 EP No. 9 EP No. 10	Grab	alkalinity, aluminum, calcium, chloride, conductivity, free chlorine, total chlorine, hardness, iron, manganese, orthophosphate, total phosphorus, pH, sulfate, water temp	Two SETS of samples must be collected from each site. The first set must be collected 90-100 days after the treatment change and submitted to lab. The second set must be collected 5-14 days after the first set.

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Onalaska Lead and Copper Treatment Screening Sampling

Sampling Timeframe	Analyte Type	Location	Number of Sites	Type of Sample	Parameters	Number of samples
NINE MONTHS (270 days) Following CCT Change	PBCU	Distribution System Sites – consumer taps	3 single family homes with historically highest copper levels	Sequential Sampling. <i>See additional resource.</i>	lead, copper	Collect a series of samples from each site – the number of samples will depend on in-home plumbing and the length of the service line. All samples must be collected and submitted to the lab within 270-280 days of the CCT change.
	WQP	Distribution System Sites – bacti sites are acceptable	5 sites that best represent whole-system water quality (3 single family homes and 2 PRS Monitoring Stations flowing system water taps – not test chamber samples)	Grab	alkalinity, aluminum, calcium, chloride, conductivity, free chlorine, total chlorine, hardness, iron, manganese, orthophosphate, total phosphorus, pH, sulfate, water temp	Two SETS of samples must be collected from each site. The first set must be collected 270-280 days after the treatment change and submitted to lab. The second set must be collected 5-14 days after the first set.
	WQP	Entry Point Sites	EP No. 7 EP No. 8 EP No. 9 EP No. 10	Grab	alkalinity, aluminum, calcium, chloride, conductivity, free chlorine, total chlorine, hardness, iron, manganese, orthophosphate, total phosphorus, pH, sulfate, water temp	Two SETS of samples must be collected from each site. The first set must be collected 270-280 days after the treatment change and submitted to lab. The second set must be collected 5-14 days after the first set.

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 4, 2018

Agenda Item:

#7

Project/Item Name:

2018 Utility Project

Location:

Citywide

Requested Action:

Approval of C.O. #1

Staff Report/
Description:

C.O. #1 includes a variety of services that were added to the project. The total project cost, with the change order attached, falls within the budgeted amounts for these projects.

Attachments:

C.O. #1

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 4, 2018

Agenda Item:

#8

Project/Item Name: Sand Lake/12th Avenue & Main Street Traffic
Signal Project

Location: 12th and Main Street

Requested Action: Approval of C.O. #1

Staff Report/
Description: C.O. #1 includes services that were added to the
project. The total project cost, with the change
order attached, falls within the budgeted amounts
for these projects.

Attachments: C.O. #1

Main Street and Sand Lake Road/12th Avenue Traffic Signal Improvements

CHANGE ORDER # 1

Contract Date: August 8, 2018

Owner:	City of Onalaska
Contractor:	Poellinger Electric Inc.
Contract/Project:	Main Street and Sand Lake Road/12 th Avenue Traffic Signal Improvements

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

Description:

- a) Cleaning of existing conduits to prevent damage to new wire (\$619.53).
- b) Catch basin and curb repair at northwest corner of intersection and pavement removal for new conduit across 12th Avenue South (\$2,279.87).

Change Order Request

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ 112,247.88
Net Increase from previous Change Orders: \$ 0.00
Contract Price prior to this Change Order: \$ 112,247.88
Net Increase of this Change Order: \$ 2,899.40
Contract Price with all approved Change Orders: \$ 115,147.28

CHANGE IN CONTRACT TIMES:
Original Contract Times: Contract Substantial Comp: November 15, 2018
Net change from previous Change Orders: Contract Substantial Comp: 0 days
Contract Times prior to this Change Order: Contract Substantial Comp: November 15, 2018
Net Increase this Change Order: Contract Substantial Comp:
Contract Times with all approved Change Orders: Contract Substantial Comp: November 15, 2018

APPROVED:
City of Onalaska

ACCEPTED BY:
Poellinger Electric Inc.

By: _____
(Authorized Signature)

By: _____
(Authorized Signature)

Date:

Date:

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

2018 Utility Project

CHANGE ORDER # 1

Contract Date: March 29, 2018

Owner:	City of Onalaska
Contractor:	Gerke Excavating Inc.
Contract/Project:	2018 Utility Project

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

Description:

- a) Gerke Change Order (CO) #1 – Afton PL & Custer Ct storm water flume washout repair (\$10,415.00).
- b) Gerke CO #2 – Medary LN storm water flume washout repair (\$5,403.73).
- c) Gerke CO #3 – Medary LN storm water outlet grouting (\$1,429.88).
- d) Gerke CO #4 – Holiday Heights sanitary sewer manhole grouting (\$2,700.00).
- e) Gerke CO #5 – Holiday Heights water main insulation (\$2,121.42).
- f) Gerke CO #6 – Holiday Height fire hydrant extensions (\$6,035.50).
- g) Gerke CO #7 – CTH PH water main capping (\$1,642.00).
- h) Gerke CO #8 – King St & 6th Ave N storm sewer repair (\$1,745.36).
- i) Gerke CO #11 – Medary LN temporary flooding berm (\$2,096.00).
- j) Gerke CO #13 – 12th Ave S & Schafer DR water main replacement (\$1,824.00).
- k) Gerke CO #14 – Stonebridge Ave water service replacement (\$3,820.00).
- l) Gerke CO #15 – Medary LN gas main conflict (\$5,313.00).
- m) Gerke CO #17 – 40 working day time extension.
- n) Holiday Heights additional 6” concrete replacement (5,921 sq. ft. @ \$4.67/sq. ft. = \$27,651.07).

Change Order Request

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ 1,708,611.00
Net Increase from previous Change Orders: \$ 0.00
Contract Price prior to this Change Order: \$ 1,708,611.00
Net Increase of this Change Order: \$ 72,196.96
Contract Price with all approved Change Orders: \$ 1,780,807.96

CHANGE IN CONTRACT TIMES:
Original Contract Times: Contract Substantial Comp: September 14, 2018
Net change from previous Change Orders: Contract Substantial Comp: 0 days
Contract Times prior to this Change Order: Contract Substantial Comp: September 14, 2018
Net Increase this Change Order: Contract Substantial Comp: 40 Working days
Contract Times with all approved Change Orders: Contract Substantial Comp: November 9, 2018

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.



Proposal

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: The City Of Onalaska

Project: Onalaska Utility Project
Afton Pl. and Custer Ct. Washouts

Proposal #: Q18130 C.O. 1
Date: April 9, 2018

Scope:

Work will consist of the following only:

- Mobilization and Demobilization.
- Remove trees at locations.
- Haul away culvert and concrete.
- Haul in fill to fill in the wash outs
- Install HR fabric, Rip-Rap and Concrete Slurry.
- Provide traffic control.
- Respread onsite topsoil. Topsoil only to be placed in areas that we disturb/grade within construction limits.
- Seed, fertilizer and mulch over spread topsoil.

Exclusions/Clarifications/Notes:

- All items are tied without discussion.
- Bonds and permits are excluded.
- Barriers and Safety fences excluded.
- Utility disconnects if any (gas, electrical, cable, fiber, etc.) excluded.
- A locate request thru Diggers Hotline will be submitted. However, private lines (gas, electrical, cable, fiber, etc.) are to be located by others. If not located Gerke Excavating is not responsible if damaged.

- **Total Cost:**
- Work will be completed for a lump sum of **\$10,415.00 Ten Thousand Four Hundred Fifteen Dollars**

Sincerely,

Thad Rezin  Gerke Excavating Inc., Estimator, tmr@gerkeexcavating.com

ADDITIONAL AGREEMENT PROVISIONS

NOTICE OF LIEN RIGHTS

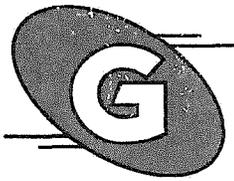
AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW, CONTRACTOR HEREBY NOTIFIES OWNER THAT PERSONS OR COMPANIES FURNISHING LABOR OR MATERIALS FOR THE CONSTRUCTION ON OWNER'S LAND MAY HAVE LIEN RIGHTS ON OWNER'S LAND AND BUILDINGS IF NOT PAID. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO THE UNDERSIGNED CONTRACTOR, ARE THOSE WHO CONTRACT DIRECTLY WITH THE OWNER OR THOSE WHO GIVE THE OWNER NOTICE WITHIN SIXTY (60) DAYS AFTER THEY FIRST FURNISH LABOR OR MATERIALS FOR CONSTRUCTION. ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO THE MORTGAGE LENDER, IF ANY. CONTRACTOR AGREES TO COOPERATE WITH THE OWNER AND THE OWNER'S LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMS ARE DULY PAID.

The terms listed hereon are satisfactory and (I/We) hereby authorize the performance of said work.

Signed:  Date: 4-9-18

Printed Name: Kevin Schubert Title: Assistant City Engineer

Mail To?
Street Address?
City, State Zip Code



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#2

Date: November 5, 2018

Scope of Work:

As directed by the Engineer, Gerke forces furnished and installed Medium Riprap (and underlying geotextile fabric), along slopes and at pipe apron outlets to dissipate water energy and protect from potential erosion.

Exclusions/Clarifications/Notes:

- Work shall be Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- CAT 336 Excavator = 5.5 HR @ \$163.00 / HR = \$896.50
- CAT 323 Excavator = 2.0 HR @ \$133.00 / HR = \$266.00
- CAT 320M Excavator = 2.5 HR @ \$140.00 / HR = \$350.00
- Laborer = 10.0 HR @ \$67.00 / HR = \$670.00
- Supervisor = 3.0 HR @ \$88.00 / HR = \$264.00
- Quad-Axle Truck = 15.25 HR @ \$89.00 / HR = \$1,357.25
- Medium Rip Rap = 108.48 TON @ \$12.00 / TON = \$1,301.76
- Light Rip Rap = 22.94 TON @ \$13.00 / TON = \$298.22
- SUBTOTAL = \$5,403.73
- TAX EXEMPT

Total Cost:

\$5,403.73

Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____

Job Unit Cost Drilldown

Contract: 18130-00 City of Onalaska 2018 Utility Project

CCO 2 Change Order 2-Medium Rip Rap for Holid

20.0002- 00	Change Order 2	Estimated			This Period			Job To Date			**Gain/Loss**		
		Units	UC	Cost	Units	UC	Cost	Units	UC	Cost	To Date Projected		
3	M	0.00	HRS	0.00000	0.00			0.00	HRS	0.00000	1,690.90	0.00	0.00

Mth	Trans	Posted Dt	Actual Dt	Type	Source	Detail Desc	Actual Hours	Actual Units	Actual Cost
03/18	56043	06/21/18	03/01/18	OE	PM Intface	JCTransType/Source: OE / PM Intface			
05/18	18565	05/11/18	05/09/18	MS	MS Tickets	Mat 161 Medium Rip Rap / 2761Loc 1001 Revels QuarryMedium Rip Rap	22.50	0.00	264.38
09/18	42891	09/24/18	09/07/18	MS	MS Tickets	Mat 161 Medium Rip Rap / 2627Loc 105 Richardson QuarryMedium Rip Rap	21.19	0.00	248.98
09/18	42892	09/24/18	09/07/18	MS	MS Tickets	Mat 161 Medium Rip Rap / 2628Loc 105 Richardson QuarryMedium Rip Rap	21.91	0.00	257.44
09/18	73551	10/01/18	09/12/18	MS	MS Tickets	Mat 161 Medium Rip Rap / 5677Loc 105 Richardson QuarryMedium Rip Rap	21.66	0.00	254.51
09/18	73552	10/01/18	09/12/18	MS	MS Tickets	Mat 161 Medium Rip Rap / 5678Loc 105 Richardson QuarryMedium Rip Rap	21.22	0.00	249.34
10/18	41466	10/22/18	10/09/18	MS	MS Tickets	Mat 205 Common or Unclassified / 2923Loc 1000 Gerke Job - Onsite/Hauling off Bid .	0.00	0.00	0.00
10/18	41467	10/22/18	10/09/18	MS	MS Tickets	Mat 400 Topsoil/Black Dirt / 2922Loc 101 Jackson PitTopsoil/Black Dirt	0.00	0.00	123.76
10/18	41468	10/22/18	10/09/18	MS	MS Tickets	Mat 162 Small Rip Rap / 2719Loc 105 Richardson QuarrySmall Rip Rap	22.94	0.00	292.49

108.48 TON MEDIUM

22.94 TON SMALL

MS Ticket Detail by Job

All Tickets
Locations: 1001 - 1001

All JC Companies

Jobs: 18130-00 - 18130-00

All Ticket Dates

Ticket	Month	Material	Phase	From Location	UM	Mat'l Units	Unit Price	Mat'l Amt	Haul Amt	Tax Amt
Job Cost Company: 2 - Gerke Excavating, Inc										
Job: 18130-00 City of Onalaska 2018 Utility Project										
Sale Date: 05/09/18										
7028737	05/18	161 / Medium Rip Rap	20.0002-	00 1001	TON	22.500	11.75000	264.38	0.00	0.00
Sale Date: 05/23/18										
7029302	05/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	21.990	6.30000	138.54	0.00	0.00
Sale Date: 05/31/18										
7029655	05/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	22.700	6.30000	143.01	0.00	0.00
7029661	05/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	22.910	6.30000	144.33	0.00	0.00
Sale Date: 06/05/18										
7029936	06/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	23.050	6.30000	145.22	0.00	0.00
7029937	06/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	22.550	6.30000	142.07	0.00	0.00
Sale Date: 07/06/18										
7031743	07/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	21.900	6.30000	137.97	0.00	0.00
7031744	07/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	21.670	6.30000	136.52	0.00	0.00
Sale Date: 08/17/18										
7035404	08/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	20.680	6.30000	130.28	0.00	0.00
Sale Date: 08/21/18										
7035658	08/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	22.210	6.30000	139.92	0.00	0.00
Sale Date: 08/22/18										
7035663	08/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	21.990	6.30000	138.54	0.00	0.00
Sale Date: 08/23/18										
7035693	08/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	20.030	6.30000	126.19	0.00	0.00
Sale Date: 08/24/18										
7035716	08/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	19.800	6.30000	124.74	0.00	0.00
Sale Date: 09/11/18										
7036954	09/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	20.490	6.30000	129.09	0.00	0.00
7036955	09/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	20.820	6.30000	131.17	0.00	0.00
7036956	09/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	19.990	6.30000	125.94	0.00	0.00
7036962	09/18	112 / 1-1/4" Base Course	305.0120-0046	1001	TON	21.600	6.30000	136.08	0.00	0.00
Job 18130-00 Total:								2,433.99	294.50	0.00
JC Company 2 Total:								2,433.99	294.50	0.00

MS Ticket Detail by Job

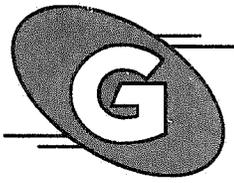
All Tickets
Locations: 105 - 105

All JC Companys

Jobs: 18130-00 - 18130-00

All Ticket Dates

Ticket	Month	Material	Phase	From Location	UM	Mat'l Units	Unit Price	Mat'l Amt	Haul Amt	Tax Amt
Job Cost Company: 2 - Gerke Excavating, Inc										
Job: 18130-00 City of Onalaska 2018 Utility Project										
Sale Date: 09/07/18										
18001625	09/18	161 / Medium Rip Rap	20.0002- 00	105	TON	21.190	11.75000	248.98	0.00	0.00
18001626	09/18	161 / Medium Rip Rap	20.0002- 00	105	TON	21.910	11.75000	257.44	0.00	0.00
Sale Date: 09/12/18										
18001635	09/18	161 / Medium Rip Rap	20.0002- 00	105	TON	21.660	11.75000	254.51	0.00	0.00
18001636	09/18	161 / Medium Rip Rap	20.0002- 00	105	TON	21.220	11.75000	249.34	0.00	0.00
Sale Date: 10/09/18										
18001715	10/18	162 / Small Rip Rap	20.0002- 00	105	TON	22.940	12.75000	292.49	0.00	0.00
Job 18130-00 Total:								1,302.76	0.00	0.00
JC Company 2 Total:								1,302.76	0.00	0.00



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#3

Date: November 6, 2018

Scope of Work:

As directed by the Engineer, Gerke forces grouted the installed rip rap at the flared end section at Medary Ln Sta. 30+25, RT. Rip rap was installed to protect roadway embankment from potential erosion at the storm sewer system outlet.

Exclusions/Clarifications/Notes:

- Work shall be Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- Grout Material – Delivered (Invoiced) = \$785.98
- Prime Contractor Materials Markup (15%) = \$117.90
- CAT 336 Excavator = 1.0 HR @ \$163.00 / HR = \$163.00
- CAT 950 Loader = 1.0 HR @ \$141.00 / HR = \$141.00
- Laborer = 2.0 HR @ \$67.00 / HR = \$134.00
- Supervisor = 1.0 HR @ \$88.00 / HR = \$88.00
- SUBTOTAL = \$1,429.88
- TAX EXEMPT

Total Cost:

\$1,429.88

Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____

RIVER CITY READY MIX

La Crosse
2845 Hemstock Drive
La Crosse, WI 54603
(608) 781-5577

Tomah
330 Plastic Avenue
Tomah, WI 54660
(608) 372-3090

Trempealeau
W21510 11th St.
Trempealeau, WI 54661
(608) 534-5620

Westby
209 Swiggum Rd.
Westby, WI 54667
(608) 634-4222

Plant	Time	Date	Account	Loads	Truck	Driver	Ticket
1	3:48 PM	5/10/18		1	87	ZIGGY	31196
Customer			Delivery Address:				
GERKE EXCAVATING 15341 HWT 131			Onalaska Holliday Heights behind Famous Daves				
TOMAH WI							
Purchase Order	Job No.	Ordered	Delivered	Air % Target	% Calcium	Slump	
		7.00	7.00	6.00 %		3.00 in	
QUANTITY	DESCRIPTION					UNIT PRICE	TOTAL
7.00 yd	GRADE A-FA STATE MIX DESIGN					105.00	735.00
1.00 ea	FUEL SURCHARGE					10.00	10.00

18130-00
20.0003-00

Terms: Accounts due and payable 10th of month following delivery. In the event the claim is not paid at maturity, I or we agree to pay full attorney fees and/or collection costs incurred in the collection of this account. I or we further agree that our account will be charged with a 1% carrying charge per month on past due accounts which is an annual rate of 21%. Net 30 days from date of invoice.

Notice to Owner: Failure of this contractor to pay those persons supplying material or services to complete this contract can result in filing of a mechanic's lien on the property. To avoid this result you may ask this contractor for Lien Waivers from all persons supplying material or services for the work described in this contract. Failure to secure lien waivers may result in your paying labor materials twice.

To Our Customers: This concrete is accurately weighed while the batch weights for each load are recorded. The water/cement ratio is designed for optimum strength and durability. We cannot assume responsibility for the concrete if excessive water is added to the mix. We make deliveries on private property at customer's risk only and accept no responsibility whatsoever for damage resulting from such deliveries.

Subtotal	745.00
Dis.	
Tax	40.98
Total	
Previous Total	
Grand Total	785.98

CAUTION MAY CAUSE EYE OR SKIN INJURY

Contains Portland Cement-CAS Registry No. 65997-15-1. Contact with freshly mixed mortar or concrete may cause eye or skin injury. Skin contact may result in irritation or burning. In case of eye contact, flush immediately and repeatedly with water, and consult a physician promptly. In case of skin contact wash thoroughly immediately after contact and consult a physician.

AVOID INHALING PORTLAND CEMENT DUST

Applicable MSDS must be consulted by user prior to handling or use.

By OSHA 29 CFR 1910.1000 Table Z-3, and employee's exposure shall not exceed the 8-hour time weighted average limit of 50 Mppcf in any 8-hour work shift of a 40-hour week. This information is supplied by requirement of OSHA regulation 29 CFR 1910.1200, and upon the express condition that the persons receiving same will be required to make their own determination as to its suitability for their purposes prior to use of this information and/or product.

KEEP OUT REACH OF CHILDREN

WATER ADDED ON JOB AT CUSTOMER'S REQUEST _____ gallons

RECEIVED BY _____

uck	Driver	User	Disp	Ticket	Num	Ticket	ID	Time	Date				
	ZIGGY	user				31196		15:48	5/10/18				
ad	Size	Mix Code	Returned	Qty	Mix Age	Seq	Load ID						
00	yd	GRADE AFA				D	33423						
redient	Source	MCFac	AbsFac	OD	ABS	SSD	Free Mst	TARGET	Actual	% Moisture	Free Wat	Abs.Wat	Tot.Wat
MI	KINGS BLUFF	0.043	0.020	1780	1b	1780	40.76	12745	12740	2.29%	285 lb	249	534
)	HAEF'S	0.035	0.008	1325	1b	1325	35.42	9523	9500	2.67%	247 lb	73	321
ENT	LAFDAIA			396	1b	396		2772	2840				
	GRT SA-50			1.10	/C	.00		43.58	44.00				
200	GRT KB 1200			3.00	/C	.00		118.86	120.00				
ER	LAX			27.0	gl	27.0		125.1	123.0		1026.4 lb		1026.4
ASH	GS3GEWI			170	1b	170		1190	1180				
ial	Num Batches: 1												
l Total:	27297 lb	Design W/C: 0.398		Water/Cement: 0.388		A Design Water: 1577.2		lb Total Water: 1559.0 lb		To Add: 18.2 lb			
ap:	3.00 in	Water in Truck: 0.0 gl		Adjust Water: 0.0 gl		/ Load Trim Water: 0.0 gl							

CERTIFICATE OF COMPLIANCE

R CONTENT _____ AIR TEMP. _____ WATER ADDED @ PLANT _____ gl

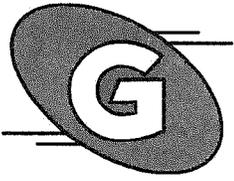
NCRETE TEMP. _____ SLUMP _____ WATER ADDED @ JOBSITE _____ gl

LINDER NO. _____ TIME DISCHARGED _____ TOTAL ACTUAL WATER _____ lb

ICATION / PART of STRUCTURE _____

SPECTOR SIGNATURE _____

ODUCER SIGNATURE _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#4

Date: November 6, 2018

Scope of Work:

The sanitary manhole cone section replacements were ordered with the bottom flange cast as female gasketed joints, as per standard construction practice. The actual existing underlying barrel sections of the manholes in question did not have the standard male / female overlapping gasketed joint. Instead, the existing manholes had flat non-overlapping joints. This change order is for the extra required joint work to install these cone sections (mastic joint of horizontal meeting surfaces) & grouting of interior void (area where the anticipated male flange would have overlapped the female flange).

Exclusions/Clarifications/Notes:

- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- Cone Section Joint Work = 12 EACH @ \$225 / EACH = \$2,700.00
- SUBTOTAL = \$2,700.00
- TAX EXEMPT

Total Cost:

\$2,700.00

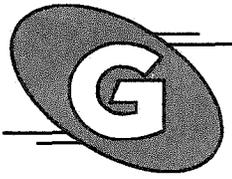
Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#5

Date: November 15, 2018

Scope of Work:

As directed by the Engineer, Gerke forces furnished and installed 2” polystyrene insulation in locations where the proposed cover over the installed water main was less than seven feet in depth. This occurred in areas where the proposed water main had to be installed shallower than plan to cross the existing live water main. The existing water main was required to be live throughout the project to maintain water service to the adjacent properties.

Exclusions/Clarifications/Notes:

- Work shall be Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- CAT 336 Excavator = 2.0 HR @ \$163.00 / HR = \$326.00
- CAT 950 Loader = 2.0 HR @ \$141.00 / HR = \$282.00
- Laborer = 5.0 HR @ \$67.00 / HR = \$335.00
- Supervisor = 7.0 HR @ \$88.00 / HR = \$616.00
- 2” Polystyrene Insulation (Material Cost) = \$489.06 (18 EA – 4’x8’ Sheets @ 27.17 / Sheet)
- Material Markup (15%) = \$73.36
- SUBTOTAL = \$2,121.42
- TAX EXEMPT

Total Cost:

\$2,121.42

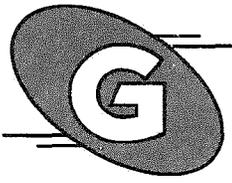
Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and I/(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#6

Date: November 15, 2018

Scope of Work:

During the installation of the proposed water main in the Holiday Heights neighborhood, Gerke crews were required to keep the existing water main operational in order that potable water service was maintained to all adjacent properties. After the proposed water main was installed and all services connected, the existing water main was removed and disposed of. This necessary sequence created issues during Hydrant installation. At 5 proposed hydrant assembly locations, it was necessary to install the hydrant leads beneath the existing water main so as to allow for the later removal of the existing main later on. Installing these hydrant leads deeper than plan led to lower installed elevations of the Hydrant Assemblies, therefore requiring the installation of Hydrant Extensions so that the Hydrant elevations matched proposed finish contours.

Exclusions/Clarifications/Notes:

- Work shall be Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- Laborer = 15.0 HR @ \$67.00 / HR = \$837.50
- Supervisor = 7.5 HR @ \$88.00 / HR = \$660.00
- 6” Hydrant Extension = 1 EACH @ \$531.50 / EACH = \$531.50
- 12” Hydrant Extension = 3 EACH @ \$644.35 / EACH = \$1,933.05
- 18” Hydrant Extension = 2 EACH @ \$740.77 / EACH = \$1,481.54
- Material Markup (15%) = \$591.91
- SUBTOTAL = \$6,035.50
- TAX EXEMPT

Total Cost:

\$6,035.50

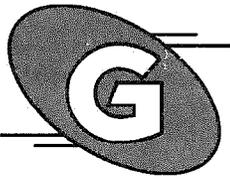
Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#7

Date: November 15, 2018

Scope of Work:

As directed by the Engineer, Gerke forces cut & capped an existing water main service along Cty PH in the vicinity of the Shopko shopping center area. This work was completed over night so as to minimize any impacts of the temporary water shut down on the surrounding local businesses.

Exclusions/Clarifications/Notes:

- Work shall be Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- CAT 336 Excavator = 4.0 HR @ \$163.00 / HR = \$652.00
- CAT 950 Loader = 2.0 HR @ \$141.00 / HR = \$282.00
- Laborer = 4.0 HR @ \$67.00 / HR = \$268.00
- Supervisor = 5.0 HR @ \$88.00 / HR = \$440.00
- Materials = \$0.00 (Provided by the City of Onalaska)
- SUBTOTAL = \$1,642.00
- TAX EXEMPT

Total Cost:

\$1,642.00

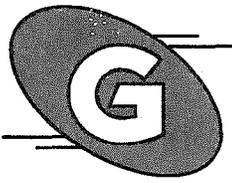
Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#8

Date: November 15, 2018

Scope of Work:

As directed by the Engineer, Gerke forces replaced a 14 LIN FT portion of a run of 12” SDR 35 PVC Storm sewer between a Storm Drain Inlet and a Storm Manhole at the intersection of King St and 6th Ave.

Exclusions/Clarifications/Notes:

- Work shall be Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- CAT 336 Excavator = 2.0 HR @ \$163.00 / HR = \$326.00
- CAT 950 Loader = 2.0 HR @ \$141.00 / HR = \$282.00
- Jackhammer (Rental) = 1 DAY @ \$125 / DAY = \$125.00
- Laborer = 5.0 HR @ \$67.00 / HR = \$335.00
- Supervisor = 4.5 HR @ \$88.00 / HR = \$396.00
- 14 Lin Ft (1 Stick) – 12” SDR 35 PVC = \$123.33
- Concrete for Mudding Pipe Inverts / Doghouses = \$121.33
- Material Markup (15%) = \$36.70
- SUBTOTAL = \$1,745.36
- TAX EXEMPT

Total Cost:

\$1,745.36

Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#11

Date: November 8, 2018

Scope of Work:

Consecutive days of heavy rain led to rising river levels and areas of localized flooding in the region, including in the Holiday Heights neighborhood of Onalaska, WI. As requested by the City Engineer, Jarrod Holter, Gerke Excavating assisted in flood prevention at this location, as we were already working on a project in the area. Our work consisted of constructing and later removing an aggregate berm along the south side of Medary Lane to an elevation exceeding the forecasted flood level. Our work also included plugging off storm sewer inlet grates to prevent the water from breaching the roadway through the drainage system.

Exclusions/Clarifications/Notes:

- Work shall be paid Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- CAT 336 Excavator = 4 HRS @ \$163.00 / HR = \$652.00
- CAT D6N Dozer = 3 HRS @ \$140.00 / HR = \$420.00
- CAT 289D Posi-Trac = 2 HRS @ \$113.00 / HR = \$226.00
- Quad Axle Dump Truck = 2 HRS @ \$89.00 / HR = \$267.00
- Foreman = 4 HRS @ \$88.00 / HR = \$352.00
- Laborer = 4 HRS @ \$67.00 / HR = \$268.00
- SUBTOTAL = \$2,096.00
- TAX EXEMPT

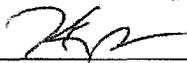
Total Cost:

\$2,096.00

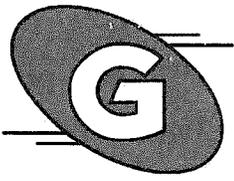
Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and I/(We) hereby authorize the performance of said work.

Signed:  Date: 11-8-18

Printed Name: Kevin Schubert Title: Assistant City Engineer



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#13

Date: November 16, 2018

Scope of Work:

In conjunction with a contract Hydrant replacement near the intersection of 12th Avenue and Schafer Drive, Gerke crews, as directed by the Engineer, completed additional water main repair work. In addition to the Contract items at this location, the crew installed 1 Each – 8”x6” Tee, 1 Each – 8” Long Sleeve, and 3 Each – 8” Gate Valves. The materials for this work were provided by the City of Onalaska. This Change Order accounts for the crew time required to install these additional water main apparatuses.

Exclusions/Clarifications/Notes:

- Work shall be Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- CAT 323 Excavator = 3.5 HR @ \$133.00 / HR = \$465.50
- CAT 950 Loader = 3.5 HR @ \$141.00 / HR = \$493.50
- Laborer = 7.0 HR @ \$67.00 / HR = \$469.00
- Supervisor = 4.5 HR @ \$88.00 / HR = \$396.00
- SUBTOTAL = \$1,824.00
- TAX EXEMPT

Total Cost:

\$1,824.00

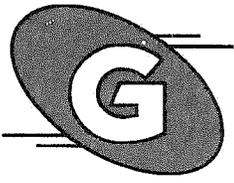
Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#14

Date: November 16, 2018

Scope of Work:

As directed by the Engineer, a Gerke Pipe Crew installed 2 Each - 1" Water Services at a location along Stonebridge Avenue near the Coulee Golf Bowl. The installed services were connected via Wet-Tap to the existing main. This change order is for Labor and Equipment only. All required materials were provided by the City of Onalaska.

Exclusions/Clarifications/Notes:

- Work shall be Lump Sum, based upon Time and Material calculations using Gerke's 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- CAT 336 Excavator = 7.0 HR @ \$163.00 / HR = \$1,141.00
- CAT 950 Loader = 7.0 HR @ \$141.00 / HR = \$987.00
- Laborer = 14.0 HR @ \$67.00 / HR = \$938.00
- Supervisor = 8.0 HR @ \$88.00 / HR = \$704.00
- Hand Compactor = 1 DAY @ \$50.00 / DAY = \$50.00
- SUBTOTAL = \$3,820.00
- TAX EXEMPT

Total Cost:

\$3,820.00

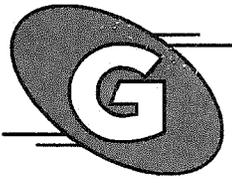
Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#15

Date: November 16, 2018

Scope of Work:

During grading operations along Medary Ln, it was determined that the alignment and profile of the Xcel Energy owned gas main was in conflict with the subcut and proposed aggregate base section between ~STA. 27+00 – 34+00. The relocation schedule for Xcel Energy crews would have imposed serious construction delays, so it was determined by the Engineer that Gerke crews should expose the gas main in its entirety through this area and lower the main as possible. This change order is for the labor and equipment associated with locating this section of gas main. In the end, the Engineer directed us to reduce the depth of subcut and aggregate base so as to minimize the impacts of the gas main conflict.

Exclusions/Clarifications/Notes:

- Work shall be paid Lump Sum, based upon Time and Material calculations using Gerke’s 2018 Time & Material rates.
- All Exclusions/Clarifications/Notes from the original proposal apply to this change order.

Cost Breakdown:

- Foreman = 10 HR @ \$88.00 / HR = \$880.00
- Laborer = 49 HRS @ \$67.00 / HR = \$3,283.00
- Hydro-Vac Trailer = 10 HR @ \$115 / HR = \$1150.00
- SUBTOTAL = \$5,313.00
- TAX EXEMPT

Total Cost:

\$5,313.00

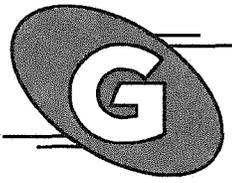
Sincerely,

Matt John, PE
Project Manager

The terms listed hereon are satisfactory and (I)(We) hereby authorize the performance of said work.

Signed: _____ Date: _____

Printed Name: _____ Title: _____



Change Order

Gerke Excavating, Inc
15341 State Hwy 131, S
Tomah, WI 54660
www.gerkeexcavating.com
Phone: 608-372-4203
Fax: 608-372-4139

To: City of Onalaska
Kevin Schubert – (608) 769-6061
kschubert@onalaska.wi.gov

Project: City of Onalaska – 2018 Utility Project

Proposal #: Q18130 – CO#17

Date: November 21, 2018

Scope of Work:

This Change Order is a request for an extension of the original Contract Completion Date. Due to a number of unforeseen conditions, added work items, and an unusually wet construction season, Gerke Excavating was unable to meet the Contract Completion Date of September 14th, 2018. Actual completion of the project, minus minor miscellaneous punch list items was delivered on October 22nd, 2018, 32 Working Days after the Contract Completion Date. Please extend the Contract to account for the excusable project delays. An outline of excusable project delays is listed below:

Utility Conflict: On 8/27, while sub-cutting the last segment of the project, Gerke crews discovered that the existing gas main along Medary Ln between Sta. 27+00 – 34+00 was in direct conflict with the proposed roadway section, and relocation of this line was required. Xcel Energy crews did not complete the relocation of this line out of the proposed roadway section until the end of day on 9/6. When Gerke crews were able to return to this area, it was determined that soil correction along the utility relocation trench was required because the existing marginal soils were not adequately compacted within the roadway, and had become over-saturated due to multiple rain events during the relocation duration. These soils then had to be over excavated and replaced (See CO#16). This work was completed on 9/11. Total Utility Conflict Delay = 14 Working Days

Weather: The number of rain events during the Construction Season of 2018 far exceeded the average or expected number of a typical construction season. Per the US Weather Service Monthly Regional Precipitation Summaries, precipitation for each month of the contract duration exceeded the average precipitation values by 15% to 200%. The comparison of actual vs WisDOT 108.10.2.2 Anticipated Adverse Weather days is listed below.

WisDOT Anticipated Adverse Weather Days for Each Calendar Month:

May = 4, June = 4, July = 3, August = 3; September = 4

Pro-Rated WisDOT Anticipated Adverse Weather Days (Based on May 9th Start and Contract Completion September 14th).

May = 2.8, June = 4, July = 3, August = 3; September = 1.8: TOTAL = 14.6 => 15 DAYS

Actual Adverse Weather Days

May = 6, June = 8, July = 3, August = 9; September = 2: TOTAL = 28 DAYS

Total Weather Delay Days = 28 DAYS (ACTUAL) – 15 DAYS (ANTICIPATED) = 13 Working Days

Extra Work: Throughout the project, miscellaneous extra work was added to the job by the Engineer. A total of 15 approved change orders have been added to the contract for added work and or changed conditions. In addition, some contract items far exceeded contract quantities, most notably asphalt and concrete driveway removals and replacements. While it is difficult to accurately determine the exact duration that this extra work contributed to the delay of project completion, I estimate that the approved change orders account for 8 days of additional work, and the excess driveway quantities account for another 5 days.

Total Extra Work Days = 13 Working Days

GRAND TOTAL EXCUSEABLE DELAY / EXTENSION DAYS = 40 DAYS

Based on the above information, Gerke's excusable delay of 40 Working Days exceeds its actual delay in project completion of 32 Working Days.

Sincerely,

Matt John, PE
Project Manager

Flow-Rite Pipe & Sewer Services, LLC

No. 8853

Hydro Jetting Sewer Line Cleaning Pipe Line Video Inspection
 PO Box 3 Galesville, WI 54630
 owner - Mike Happel

Phone: (608) 582-4793 or (866) 526-6161
 Fax: (608) 582-4799 Mobile: (608) 385-1383

Date 10-25-18

Name Poellinger Electric Inc

Address _____
 _____ *of Onalaska main st*
 _____ *Job*

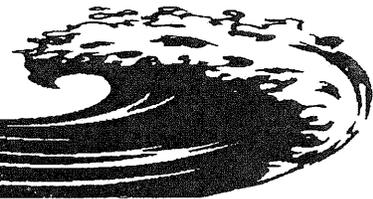
DESCRIPTION: use Hydro Jetter to flush
and unplug 2 pipes under street
for project in onalaska

Thank you!

PLEASE PAY FROM THIS INVOICE!

**A MONTHLY CARRYING CHARGE
 WILL BE IMPOSED ON PAST DUE
 ACCOUNTS AT THE RATE OF 1.5%
 NET 30 DAYS**

TOTAL	350	00



PROPOSED CHANGE ORDER

POELLINGER ELECTRIC, INC.
 5416 S. 33RD STREET
 LA CROSSE, WISCONSIN 54601
 PHONE: 608-788-6800 FAX: 608-788-6805

POSTED

Proposal submitted to:	City of Onalaska	Date:	11/5/2018
Address	Main St & Sand Lake Rd	Job Name	Main St & Sand Lake Rd
City, State, Zip	Onalaska	Change Order	P001
Attn:	Kevin		

Clean Conduit change request:

QTY	1 Lump Sum
TOTAL COST	619.53

If we do not receive authorization to proceed with this work within 14 days, we reserve the right to reprice, reflecting current site conditions for project and fluctuating material prices.

We propose hereby to furnish material and labor in accordance with the above specifications, for the sum of:

	<i>Subcontractor</i>		\$355.00
	<i>TAX 5.5%</i>		\$19.53
	<i>SUB TOTAL</i>		\$374.53
	<i>PROFIT 10</i>		\$37.45
	<i>TOTAL</i>		\$411.98
		\$	-
<i>LABOR</i>	<u>3.00 HRS @</u>	<u>\$67.14</u>	<u>\$201.42</u>
	<i>SUB-TOTAL</i>		<u>\$613.40</u>
<i>BID BOND</i>	<i>1% OF SUB-TOTAL</i>		<u>\$6.13</u>
	<i>TOTAL</i>		<u>\$619.53</u>



 Tiny Poellinger

PROPOSED CHANGE ORDER

POELLINGER ELECTRIC, INC.
5416 S. 33RD STREET
LA CROSSE, WISCONSIN 54601
PHONE: 608-788-6800 FAX: 608-788-6805

Proposal submitted to: **City of Onalaska** Date: **11/29/2018**
Address **Main St & Sand Lake Rd** Job Name **Main St & Sand Lake Rd**
City, State, Zip **Onalaska** Change Order **P003**
Attn: **Kevin**

Add Additional Conduits for Street Crossing & Corner

QTY 1 Lump Sum
TOTAL COST 4,294.58

If we do not receive authorization to proceed with this work within 14 days, we reserve the right to reprice, reflecting current site conditions for project and fluctuating material prices.

We propose hereby to furnish material and labor in accordance with the above specifications, for the sum of:

	<i>Subcontractor</i>		\$161.66
	<i>TAX 5.5%</i>		\$0.00
	<i>SUB TOTAL</i>		<u>\$161.66</u>
	<i>PROFIT & OH</i>		<u>\$19.40</u>
	<i>TOTAL</i>		<u>\$181.06</u>
		\$	-
<i>LABOR</i>	<u>60.63</u> HRS @	<u>\$67.14</u>	<u>\$4,071.00</u>
	<i>SUB-TOTAL</i>		<u>\$4,252.06</u>
<i>BID BOND</i>	<i>1% OF SUB-TOTAL</i>		<u>\$42.52</u>
	<i>TOTAL</i>		<u><u>\$4,294.58</u></u>

POELLINGER ELECTRIC PRICING SHEET

JOB	PEI 957—CITY OF ONALASKA SIGNALS MAIN ST AND SAND LAKE ROAD	ESTIMATE #	1 OF 1
WORK	ADD ADDITIONAL CONDUITS FOR STREET CROSSING & CORNER	SHEET	

ESTIMATED BY TINY & JIM	OWNER KEVIN SCHUBBERT	PHONE 769-6061	EMAIL	DATE 11/28/2018
----------------------------	--------------------------	-------------------	-------	--------------------

	X	MATERIAL DESCRIPTION	QUANTITY	MATERIAL	PER	MATERIAL EXTENSION	LABOR UNIT	PER	LABOR EXT
1		STR CROSSING & SANDLAKE (3-MEN X 8HR X 2 DAYS)	1			0.00	48.000		48.00
2		CONDUIT AT N.E. CORNER (2-MEN X 5.5 HOURS)	1			0.00	11.000		11.00
3		3" PVC SCH 40 CONDUIT	95	1.25		118.75	0.000		0.00
4		3" PVC BELL ENDS	4	4.37		17.48	0.000		0.00
5		3" PVC SCH COUPLING	8	1.50		12.00	0.000		0.00
6		PVC GLUE	1	5.00		5.00			0.00
7						0.00			0.00
8						0.00			0.00
9						0.00			0.00
10						0.00			0.00
11						0.00			0.00
12						0.00			0.00
13						0.00			0.00
14						0.00			0.00
15						0.00			0.00
16						0.00			0.00
17						0.00			0.00
18						0.00			0.00
19						0.00			0.00
20						0.00			0.00
21						0.00			0.00
22						0.00			0.00
23						0.00			0.00
24						0.00			0.00
25						0.00			0.00
26						0.00			0.00
27						0.00			0.00
28						0.00			0.00
29						0.00			0.00
30						0.00			0.00
31						0.00			0.00
32						0.00			0.00
33						0.00			0.00
34						0.00			0.00
35						0.00			0.00
36						0.00			0.00
37						0.00			0.00
38						0.00			0.00
39						0.00			0.00
40						0.00			0.00
TOTALS				MATERIAL		153.23	LABOR		59.00

SALES TAX		5.50%	+	8.43
MAT SUBTOTAL				161.66
OH & PROFIT		12%	+	19.40
MATERIAL TOTAL				181.06
LABOR TOTAL	59.00		@	69
			+	4,071.00
JOB TOTAL				4,252.06
1 % BOND			+	42.52
GRAND TOTAL				4,294.58

(Job 951 EXTRA LABELED)

3 MEN X 8 hrs X 2 days = 48 hrs STREET CROSSING SAND LAKE ROAD
2 MEN X 8 hrs X 1 day = 16 hrs ~~PULL BOX~~ & CONDUIT NORTH EAST CORNER

(Job 957 EXTRA MATERIAL)

- QTY - 95' 3" SCH 40 PVC
- QTY - 4 3" BELL ENDS
- QTY - 8 3" Couplings
- QTY - 1 42" DEEP COLLUERT
- QTY - 1 24" Ring
- QTY - 1 24" COVER
- QTY - 3 8# SINGLE BARREL LUG
- QTY - 3 1/4 BY 1" SS. BOLTS
- QTY - 6 1/4 SS. NUTS
- QTY - 3 1/4 SS. WASHERS
- QTY - 10 FT #10 XHHW GREEN WIRE
- QTY 3 CONCREAT BRICKS
- QTY 1/8 YARD ROCK.

QTY 1
PULL BOX
EXTRA

KEVIN SCHUBERT
769-6061

~~3~~ 3 MEN X 8 hrs X 2 days

To(OWNER): CITY OF ONALASKA
 415 MAIN STREET
 ONALASKA, WI 54650

Project: Main/SandLake/12th Signal impr
 Sand Lake Rd Main St.12th Av
 Onalaska, WI 54650

Application No: 2
 Invoice No: 957-2
 Invoice Date: 11/29/2018
 Terms: Net 30
 Due Date: 12/29/2018
 Period To: 11/29/2018
 Project No:
 Contract Date: 7/9/2018

From: Poellinger Electric, Inc
 5416 S 33rd ST
 La Crosse, WI 54601
 (608) 788-6800

Via(Architect/
 Engineer)

For:

<u>No.</u>	<u>Description</u>	<u>Total Quantity</u>	<u>Unit</u>	<u>Total Cost</u>	<u>Completed Units</u>	<u>Current Value</u>	<u>Prior Value</u>	<u>Due This Request</u>	
1	Removing Concrete Sidewalk	270	SF	4.19	1,131.30	→ 625	2,618.75	1,131.30	1,487.45
2	Removing Concrete Bases	1	EA	230.29	230.29	1	230.29	230.29	0.00
3	Removing Pull Boxes	13	EA	189.27	2,460.51	13	2,460.51	2,460.51	0.00
4	Removing Traffic Signal Head	14	EA	77.53	1,085.42	14	1,085.42	1,085.42	0.00
5	Removing Pedestrian Signal Head	8	EA	68.95	551.60	8	551.60	551.60	0.00
6	Removing Pedestrian Push Button	8	EA	28.61	228.88	8	228.88	228.88	0.00
7	Removing Traffic Signal Cabinet and Controller	1	EA	246.50	246.50	1	246.50	246.50	0.00
8	Base Aggregate Dense 3/4-IN	90	EA	12.059	1,085.31	90	1,085.31	1,085.31	0.00
9	Concrete Sidewalk, 5-IN	270	SF	13.86	3,742.20	→ 625	8,662.50	3,742.20	4,920.30
10	Seed Restoration	1	LS	1,325.89	1,325.89	1	1,325.89	1,325.89	0.00
11	Silt Fence	100	LF	2.07	207.00	100	207.00	207.00	0.00
12	Inlet Protection	4	EA	74.81	299.24	4	299.24	299.24	0.00
13	Traffic Control	1	LS	11,086.38	11,086.38	1	11,086.38	11,086.38	0.00
14	Electrical Wiring	1	LS	10,850.20	10,850.20	1	10,850.20	10,850.20	0.00
15	Pull Boxes Steel 24-IN by 42-IN	10	EA	718.96	7,189.60	→ 11	7,908.56	7,189.60	718.96
16	Conduit Rigid Nonmetallic Schedule 40, 3-IN	20	LF	5.83	116.60	→ 20	116.60	116.60	0.00
17	Concrete Control Cabinet Bases Type 9 Special	1	EA	682.19	682.19	1	682.19	682.19	0.00
18	Traffic Signal Face 3S, 12-IN	14	EA	563.48	7,888.72	14	7,888.72	7,888.72	0.00
19	Pedestrian Signal Face 12-IN	8	EA	389.58	3,116.64	8	3,116.64	3,116.64	0.00
20	NEMA TS2 Traffic Signal Controller and Cabinet	1	EA	19,544.78	19,544.78	1	19,544.78	19,544.78	0.00
21	EVP Detector	1	LS	6,541.81	6,541.81	1	6,541.81	6,541.81	0.00
22	Video Vehicle Detection System	1	LS	22,373.85	22,373.85	1	22,373.85	22,373.85	0.00
23	Electrical Service Meter Breaker Pedestal	1	LS	1,134.32	1,134.32	1	1,134.32	1,134.32	0.00
24	Signal Mounting Hardware	1	LS	2,727.48	2,727.48	1	2,727.48	2,727.48	0.00
25	ALT 1 - Accesible Pedestrian Signal	1	LS	6,401.17	6,401.17	1	6,401.17	6,401.17	0.00
26	CO#1 - Clean Existing Conduit	1	LS	619.53	619.53	1	619.53	619.53	0.00
27	CO#2 - F&H Extras	1	LS	2,279.87	2,279.87	1	2,279.87	2,279.87	0.00
71.P003	Addl Conduit Crossing & Corner	1	LS	4,294.58	4,294.58	1	4,294.58	0.00	4,294.58
				<u>119,441.86</u>			<u>126,568.57</u>	<u>115,147.28</u>	<u>11,421.29</u>

STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 4, 2018

Agenda Item:

#9

Project/Item Name:

Abbey Road

Location:

Abbey Road

Requested Action:

Discussion on street cross section

Staff Report/
Description:

Current project design includes variable street widths based upon adjacent uses. Current design includes a sidewalk along the East side of the street. With the installation of sidewalk grading must be performed outside the right of way.

Attachments:

Street cross section and map

DRIVEWAY SLOPES TO BE 10% MAXIMUM
OR AS DIRECTED BY THE ENGINEER



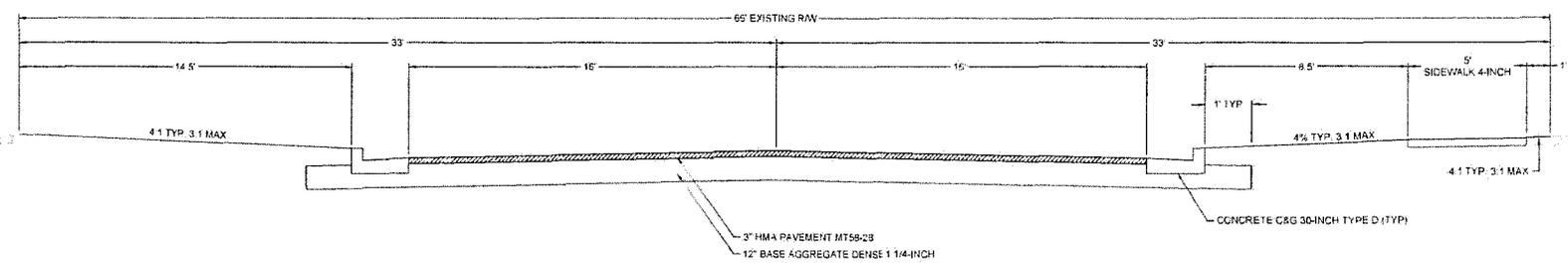
Sherrill Elliott Hennrichsen Inc.
222 Jbg. Street, Suite 301
La Grange, VA 54001-4074
540-753-1111
www.sehinc.com

ABBAY ROAD RECONSTRUCTION
CITY OF DANBURG, VA

NO.	DATE	REVISIONS

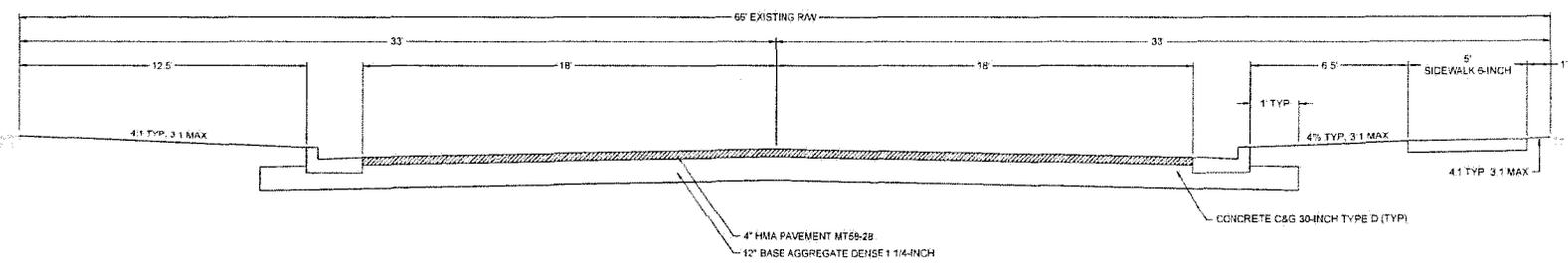
QUALITY CHECK #	DATE	BY	TRK	APP

SHEET CONTENTS
TYPICAL SECTIONS



TYPICAL FINISHED RESIDENTIAL SECTION
STA 10+48 - STA 28+00

*TRANSITION FROM RESIDENTIAL SECTION TO COMMERCIAL SECTION FROM STA 28+00 TO STA 29+00

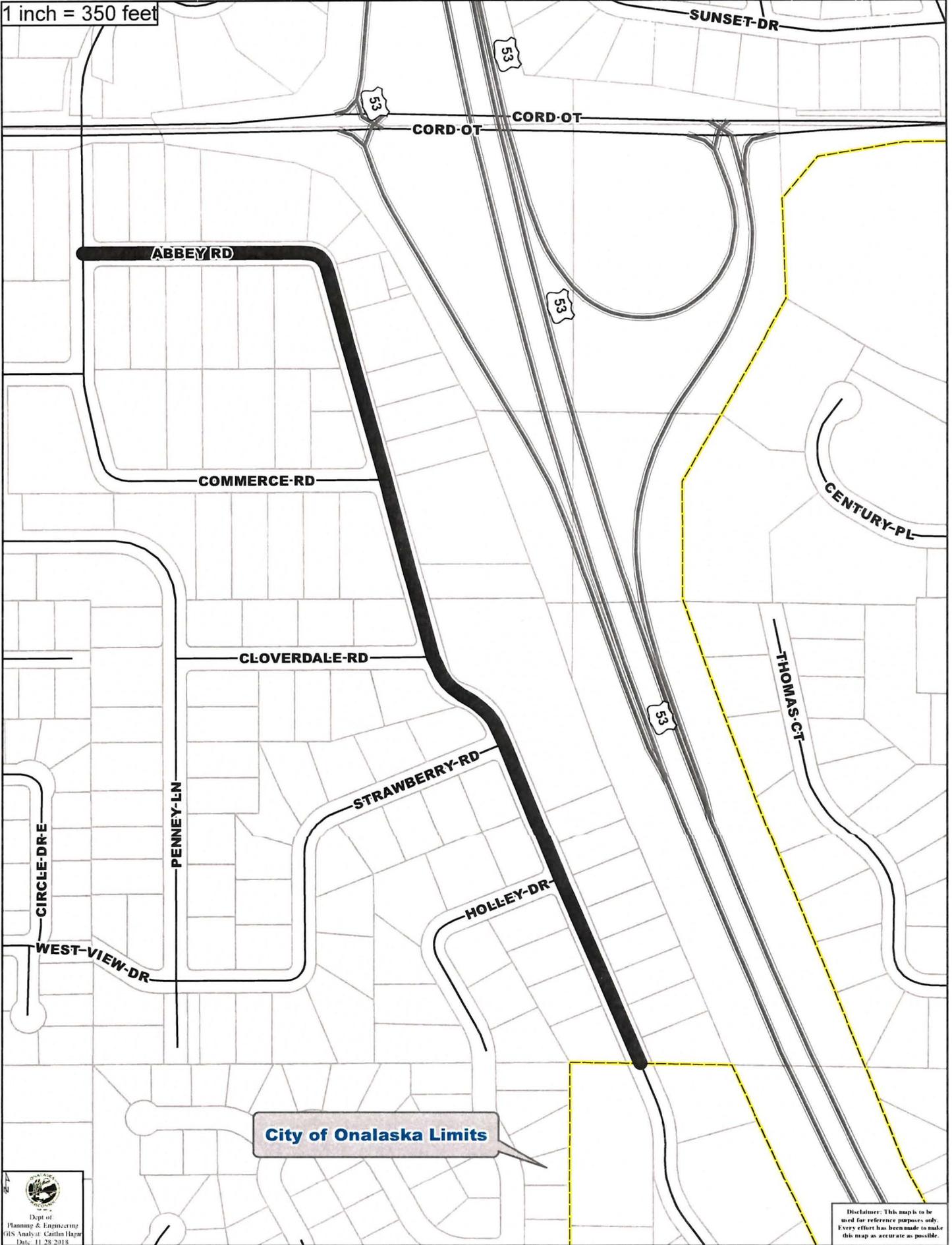


TYPICAL FINISHED COMMERCIAL SECTION
STA 29+00 - STA 42+28

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Abbey Rd Project

1 inch = 350 feet



STAFF REVIEW SUMMARY

CITY OF ONALASKA BOARD OF PUBLIC WORKS

December 4, 2018

Agenda Item:

#10

Project/Item Name:

Crestwood Lane

Location:

Crestwood Lane

Requested Action:

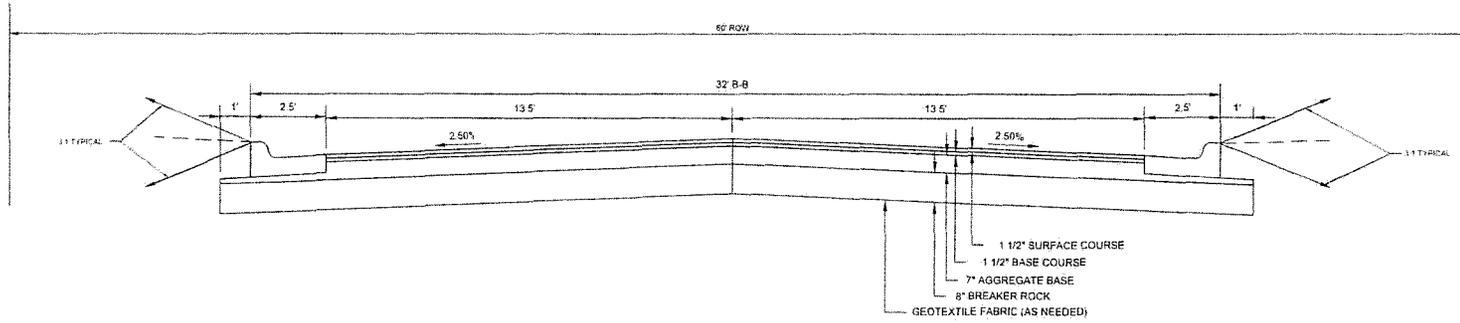
Discussion on street cross section

Staff Report/
Description:

Current project design includes narrow street widths based upon topography of the site. Street will not be placed within the center of the existing right of way to maximize use of existing flat areas graded during initial construction. Curb and gutter will be added from the current rural cross section.

Attachments:

Street cross section and map

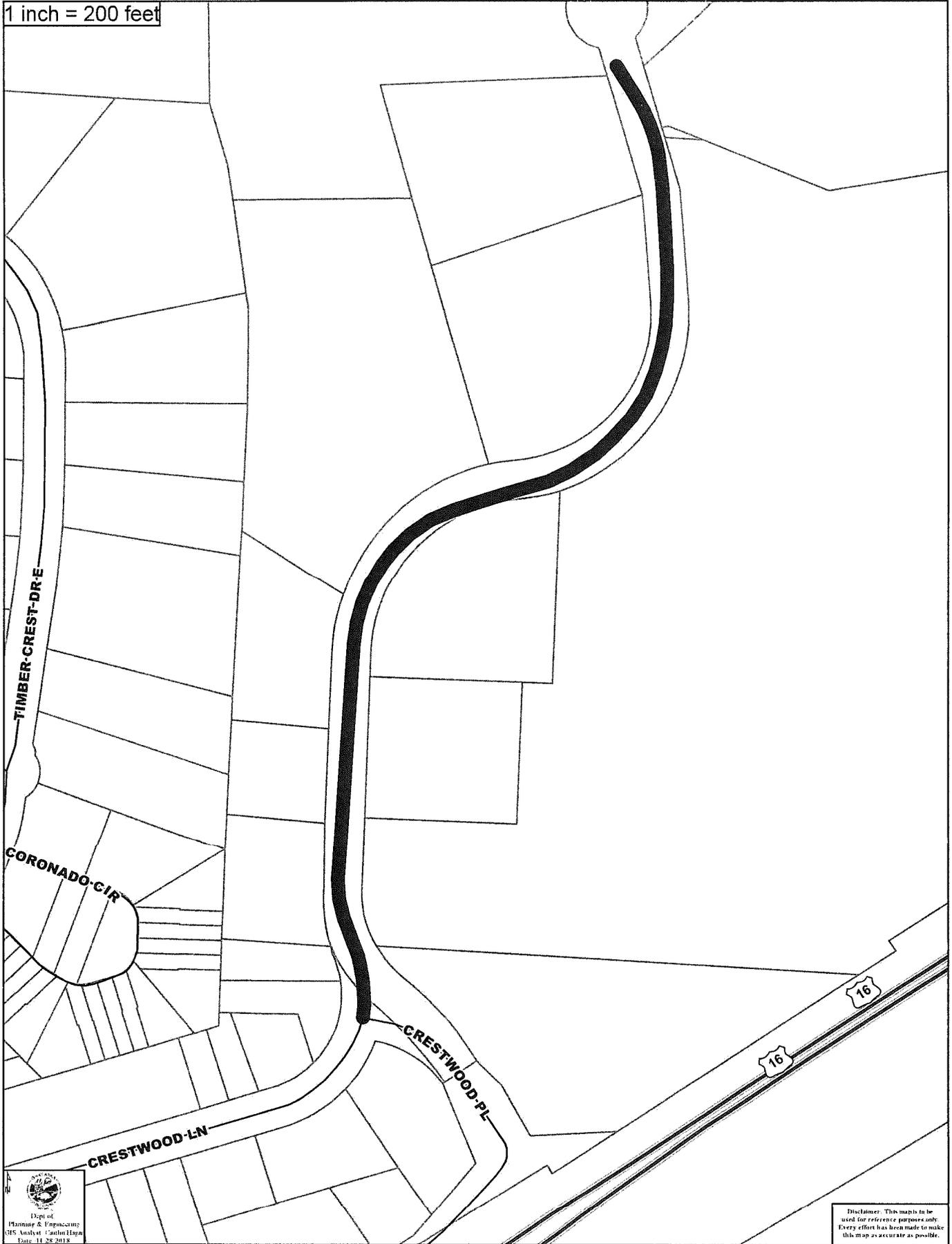


CRESTWOOD LANE
 TYPICAL STREET CROSS SECTION
 WTS

PROJECT NUMBER 1398-105.021	TYPICAL SECTIONS CRESTWOOD LANE IMPROVEMENTS ONALASKA, WISCONSIN	 DAVY ENGINEERING CO. LA CROSSE, WISCONSIN	FIELDBOOK 882B	REVISION DATE	REMARKS
DRAWING NO.			SCALE AS SHOWN	DRAWN KKCSM	CHECKED JPM

Crestwood Lane Project

1 inch = 200 feet



Dept. of
Planning & Engineering
GIS Analyst: Caitlin Hagan
Date: 11.28.2018

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 4, 2018

Agenda Item:

#11

Project/Item Name:

2019 Utility Project

Location:

Troy Street

Requested Action:

Discussion on installation of sidewalk

Staff Report/
Description:

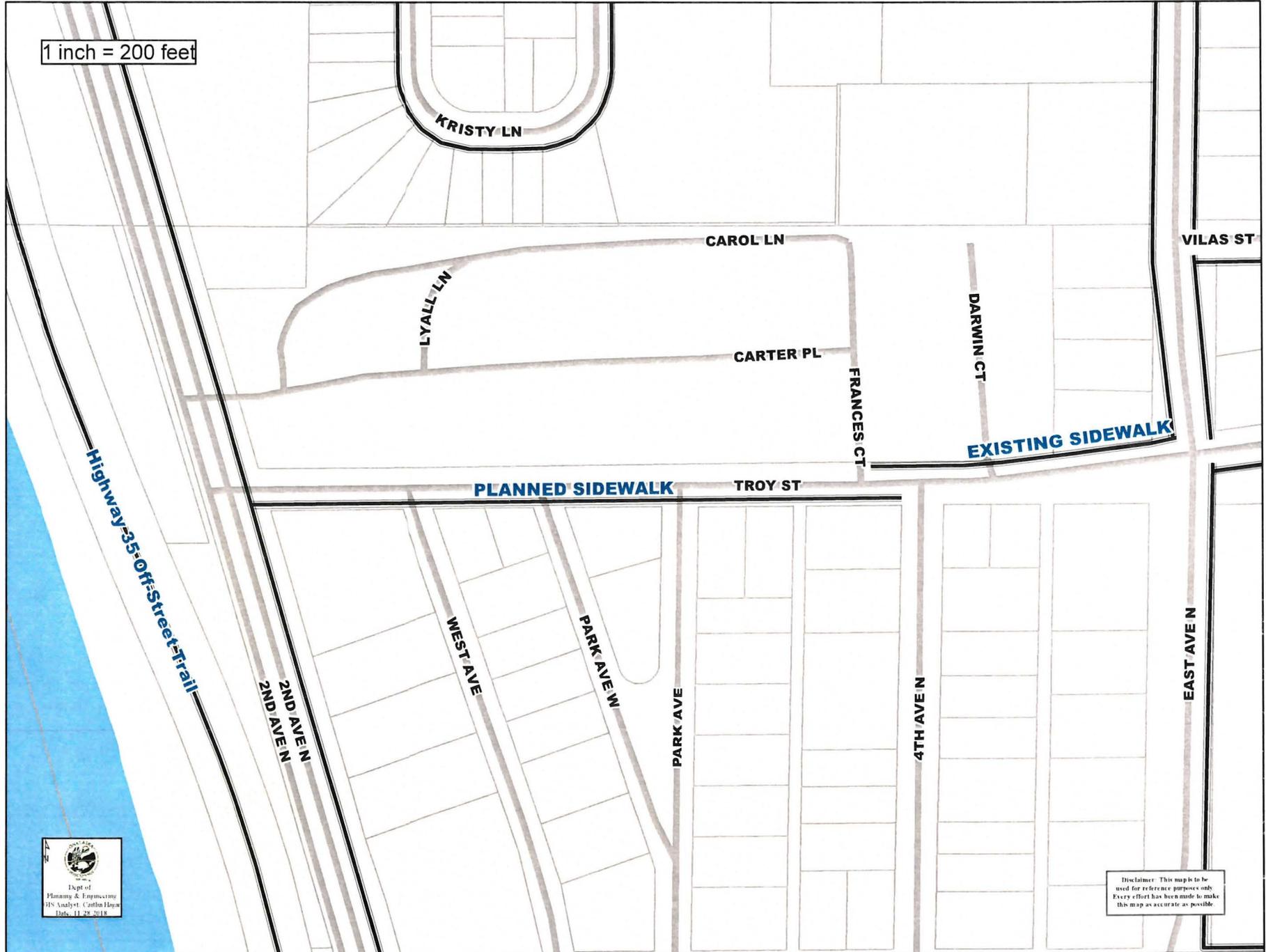
During the project design it was noted that sidewalk is not installed along Troy Street from STH 35 to 4th Avenue North. The addition of sidewalk would allow a pedestrian connection from the STH 35 off street trail to the existing sidewalk system in the Troy Street vicinity. The current sidewalk on the North side of Troy Street between 4th Avenue North and East Avenue would be used as the connection to the new sidewalk installation. The installation of sidewalk on the South side of Troy Street between 4th Avenue North and East Avenue is not constructable without the installation of a retaining wall.

Attachments:

map

Troy St Proposed Sidewalk

1 inch = 200 feet



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 4, 2018

Agenda Item:

#12

Project/Item Name:

Sanitary sewer leak policy

Location:

Citywide

Requested Action:

Approval of leak policy

Staff Report/
Description:

With updates occurring to the sanitary sewer ordinance, in relation to usage and billing, the sewer leak policy needed to updated to reflect those changes.

Attachments:

Leak policy

LEAK ADJUSTMENT POLICY

Council approved

Sewer

No adjustments are made to a sewer bill unless the leak is during the winter average period which is the April Billing (December 5th to March 5th) or the July billing (March 5th to June 5th).

If an unknown leak happens during the winter average billing period, (April billing), the customer's winter average is adjusted on the October and January billings only (Not the April bill) by using an average of the previous two April bill consumptions or if there is not two years of history the department will take the City sewer average for its account class. If an unknown leak happens during the July billing period, the department will use the property's winter average (April billing consumption). If a leak is not found by an Onalaska Utility employee or by a licensed plumber, the utility considers this water consumed and the responsibility of the homeowner and no adjustments will be made. Adjustments will also only pertain to that quarterly billing period and the time of the homeowners' complaint, and will not include prior billing quarters and possible higher consumption during those periods. This is a one-time adjustment per owner per property.

LEAK ADJUSTMENT POLICY

Council approved 5/10/11

Sewer – Residential

No adjustments are made to a sewer bill unless the leak is during the winter average period; which is the April billing (December 5th to March 5th) or the July billing (March 5th to June 5th).

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If an unknown leak happens during this winter average billing period, (April billing), the customer's winter average is adjusted on their the October and January billings only (Not on the April bill) by using an average of the previous two April bill consumptions or if there is not two years of history the department will take the City sewer average for its account class. next three billing cycles, (July, October, and January) by using an average of the last two April bills consumption. If there is not two years of history the department will take the City sewer average. If an unknown leak happens during the July billing period, the water utility will use the property's winter average (April billing consumption). If a leak is not found by an Onalaska Utility employee or by a licensed plumber, the utility considers this water consumed and the responsibility of the homeowner and no adjustments will be made. Adjustments will also only pertain to that quarterly billing period and the time of the homeowners' complaint, and will not include prior billing quarters and possible higher consumption during those periods. This is a one-time adjustment per owner per property.

**BOARD OF PUBLIC WORKS
MONTHLY ESTIMATES
December 4, 2018**

Rev 12/4/18

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
1. STRAND ASSOCIATES 2018 SCADA Computer Install Construction Estimate #2	\$ 8,000.00	\$ -	\$ 900.00	\$ 1,690.00
2. GERKE EXCAVATING 2018 Utility Project Construction Estimate #7	\$ 1,708,611.00	\$ 72,196.96	\$1,461,917.17	\$ 308,132.93
3. STEIGER CONSTRUCTION 2018 Misc. Concrete Project Construction Estimate #6	\$ 85,087.50	\$ -	\$ 47,153.06	\$ 26,132.79
4. ST JOSEPH CONSTRUCTION Pond #17 Construction Estimate #4	\$ 174,102.50	\$ -	\$ 113,522.44	\$ 56,161.56
5. SEH INC Abbey Road Design Estimate #3	\$ 84,500.00	\$ -	\$ 21,156.37	\$ 21,496.47
6. DAVY ENGINEERING French Rd Booster Station/Crestwood Ln Design Estimate #3	\$ 126,490.00	\$ -	\$ 21,140.05	\$ 16,284.96
7. POELLINGER ELECTRIC Main St & Sand Lake/12th Ave Traffic Signal Project Construction Estimate #2	\$ 112,247.88	\$ 14,320.69	\$ 52,250.00	\$ 74,318.57
8. FAHRNER ASPHALT SEALERS 2018 Polyfiber Crack Filling Construction Estimate #1	\$ 71,550.00	\$ -	\$ -	\$ 32,146.62

**BOARD OF PUBLIC WORKS
MONTHLY ESTIMATES
December 4, 2018**

Rev 12/4./18

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
9. STRAND ASSOCIATES General Engineering - Theater Rd Design Estimate #1	\$ 1,000.00	\$ -	\$ -	\$ 725.48
10. STRAND ASSOCIATES Sand Lake /12th & Main Traffic Signal Construction Estimate #1	\$ 4,900.00	\$ -	\$ -	\$ 563.62
11. FOWLER & HAMMER INC Main St Concrete Repair Construction Estimate #1	\$ 10,000.00	\$ -	\$ -	\$ 5,798.20
12. STRAND ASSOCIATES SCADA Remote Access Design Estimate #3	\$ 4,500.00	\$ -	\$ 1,800.00	\$ 510.00
13. STRAND ASSOCIATES 2018 SCADA Enhancements Design Estimate #6	\$ 19,000.00	\$ -	\$ 7,733.70	\$ 3,943.38
14. FAHRNER ASPHALT SEALERS 2018 Saw/Seal Construction Estimate #1	\$ 40,630.00	\$ -	\$ -	\$ 44,320.16
15. FAHRNER ASPHALT SEALERS N Kinney/East Main Concrete Repairs Construction Estimate #1	\$ 34,910.00	\$ -	\$ -	\$ 34,910.00
16. GERKE EXCAVATING Main St Water Main Repair Construction Estimate #1	\$ 10,000.00	\$ -	\$ -	\$ 5,432.00