



11. Review and consideration of Green Coulee intersection public information meeting including possible recommendation on intersection control type with project timeline
12. Review and consideration of Green Coulee reservoir public information meeting including possible recommendation on reservoir type and location with project timeline
13. Review and consideration of agreement for general engineering services with Short Elliot Hendrickson
14. Review and consideration of 2020- 2024 Capital Improvements Budget
15. Review and consideration of utility / street assessments and charges for 2700 & 2660 Abbey Road including payment schedule.
16. Pay Estimates: Strand Associates, Short Elliot Hendrickson Inc., Mathy Construction, Gerke Excavating, Davy Engineering, MSA Professional service, Olympic Builders, Fowler and Hammer, A-1 Excavating, HSR Associates, All American Lumber, and any other contractor/developer.
17. Adjournment

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #4

Project/Item Name: 3<sup>rd</sup> Avenue North Parking

Location: 301 Main Street

Requested Action: Discussion on parking

Staff Report/Description: The owner of 301 Main Street is requesting extension of the current 15 minute loading zone along 3<sup>rd</sup> Avenue North. Currently the loading zone accommodates one car and he is requesting the extending to the driveway opening increasing to three cars. A letter has been sent to downtown property owners requesting input.

Attachments: Letter and map



## ***CITY OF ONALASKA***

415 MAIN STREET  
ONALASKA, WISCONSIN 54650-2953  
[www.cityofonalaska.com](http://www.cityofonalaska.com)

***Engineering/Public Works Dept.***  
PHONE: (608) 781-9537  
FAX: (608) 781-9506

August 14, 2019

Dear Resident/Property Owner:

This notice is to inform you that the City of Onalaska Board of Public Works is considering a proposal to install additional "15 Minute Parking" along 3<sup>rd</sup> Avenue North. Please find attached a map showing the area where parking restrictions may be added.

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

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

City of Onalaska,  
Attn: C. Jarrod Holter  
415 Main Street  
Onalaska, WI 54650  
[jholter@onalaskawi.gov](mailto:jholter@onalaskawi.gov)

Sincerely,

C. Jarrod Holter  
City Engineer/Director of Public Works

Encl.

1 inch = 30 feet

Legend  
□ Parcels



  
 Dept of  
 Planning & Engineering  
 GIS Analyst: Caitlin Hagar  
 Date: 7/26/2019

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

**Board of Public Works  
of the City of Onalaska**

Tuesday, July 2, 2019

1

1 The Meeting of the Board of Public Works of the City of Onalaska was called to order at 6:30  
2 p.m. on Tuesday, July 2, 2019. It was noted that the meeting had been announced and a notice  
3 posted at City Hall.

4  
5 Roll call was taken with the following members present: Mayor Joe Chilsen, Ald. Diane Wulf,  
6 Ald. Kim Smith, City Engineer Jarrod Holter, Financial Services Director/Treasurer Fred  
7 Buehler

8  
9 Also Present: City Administrator Eric Rindfleisch, Ald. Boondi Iyer

10  
11 **Item 2 – Approval of minutes from previous meeting**

12  
13 Motion by Fred, second by Ald. Wulf, to approve the minutes from the previous meeting as  
14 printed and on file in the City Clerk’s Office.

15  
16 On voice vote, motion carried.

17  
18 **Item 3 – Public Input (limited to 3 minutes/individual)**

19  
20 Ald. K. Smith called for anyone wishing to provide public input.

21  
22 **Dean Dickinson**

23 **No address given**

24  
25 “I own the property at 301 Main Street. We’ve had an ongoing issue with regard to parking and  
26 the lack of restriction on parking, both in front of the building on Main Street and on 3<sup>rd</sup>  
27 [Avenue], which is on the west side of the building. It’s been an issue for a couple of years, but  
28 it has been exacerbated by David Reay’s Restaurant and the amount of business and parking  
29 that’s required for that facility. I have no argument with Dave and Barb [Skogen] and David  
30 Reay’s, but I do have an issue with how the parking is being handled. We actually have people  
31 coming and parking on the west side of our building, sometimes for hours. Other times there are  
32 people in that vicinity who will park there all day long. We had a daycare in part of that building  
33 for a while, and Mike Volden ... I wanted to express his concerns, because [parents] couldn’t  
34 drop their infants off unless they walked half a block or a block. Sometimes in the winter that  
35 was just bad. I am asking for the [Board of] Public Works to consider – especially on the west  
36 side of that building – extending the 15-minute parking restriction all the way from the sidewalk  
37 to the driveway into the parking lot. Here is a classic example of some of the issues. Today,  
38 FedEx made a delivery there and had to double-park on the street. I’ve seen UPS and USPS both  
39 double-park on the street because there’s no parking there. I think it would help a lot, both for  
40 the businesses that we have in that building, and also maybe for other businesses in the area. I  
41 have with me Bruce Barge from Barge Supply, who is one of the tenants in that building. I know

Reviewed 7/8/19 by Kevin Schubert

**Board of Public Works  
of the City of Onalaska**

Tuesday, July 2, 2019

2

42 he's expressed himself on many occasions about the issue that's there. With all due respect to  
43 [the Board of] Public Works, we just ask that you give some consideration to creating a 15-  
44 minute parking zone on the west side of that building. It would help a lot. I know there's no  
45 room for discussion [this evening], but there you go. I have addressed my concerns. I think I  
46 sent a letter to [Mayor Chilsen], and also to Planning. I didn't understand what the process was,  
47 and [I] also [sent a letter] to the Police Department. On occasion, I've called the Police  
48 Department and asked them for enforcement. [An officer] came down and wrote a warning  
49 ticket on people. That lasts for about one day, and then the next thing you know, people are  
50 parking and walking down to David Reay's. Or in the case of some of the businesses on the  
51 street, [including] one insurance office, he and his secretary will park there all day long. It just  
52 doesn't work, and it's impacting my ability to derive income out of that building. That's part of  
53 my retirement plan, and I would just simply point out it's cost me about \$200 a month because I  
54 have to get another tenant in there and I have to reduce the rent after I lost the daycare. With all  
55 due respect, please give that some consideration. Thank you very much."

56

57 Jarrod noted he had both received correspondence from and spoken with Dean Dickinson, and he  
58 told board members this item will be placed on the August 6 Board of Public Works meeting  
59 agenda.

60

61 **Bruce Barge, owner of Barge Nutrition & Supply**  
62 **305 Main Street**  
63 **Onalaska**

64

65 "I just want to say I think it would benefit the whole area there if that was made a 15-minute  
66 parking place. It would just make sense to make that a 15-minute parking place there for  
67 everybody there. It would make things easier for Pappas, [and] for me for sure. I'm agreeing  
68 with Dean 100 percent on everything."

69

70 **Scott Arenz**  
71 **1134 Aspen Valley Drive**  
72 **Onalaska**

73

74 "I was at the last Common Council meeting [June 11], and a topic of discussion was the  
75 sidewalks above and below me and not just my issue that we have with the raising and the  
76 lowering of the water that's going underneath the sidewalks for the two houses above me, and  
77 the maybe three houses below me. We don't really know what's going on, and I appreciate  
78 Jarrod's help in looking into it further because it's going to take more than just one person to do  
79 this. Like I said, I replaced the whole sidewalk and the apron on my driveway. I've done some  
80 different landscaping there to divert water so it doesn't continue to be a problem. I replaced it  
81 six, seven years ago, and I don't want to do it again until the stuff above me is fixed as well.  
82 Like I said, I do appreciate Jarrod's help with that and his team looking at it because there

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #5

Project/Item Name: Boulevard tree removal

Location: 2253 Quarry Lane

Requested Action: Discussion on tree removal

Staff Report/Description: The owner of 2253 Quarry Lane removed three city owned boulevard trees without City approval. I have attached a tree valuation and letter sent to the owner. City staff is requesting the board discuss options including value of the trees removed.

Attachments: Letter, tree valuation and map

1 inch = 50 feet

# 2253 Quarry Lane Trees

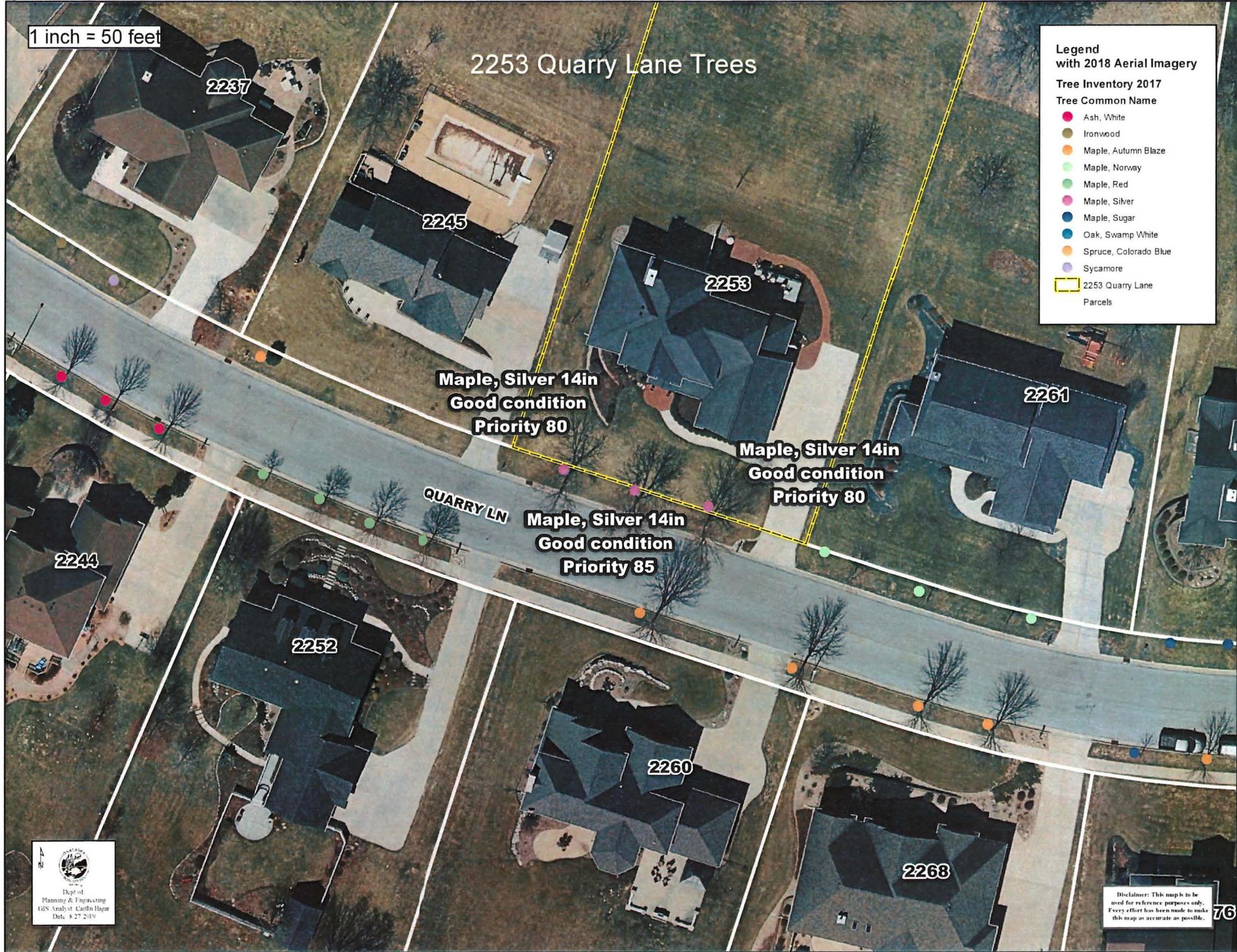
**Legend with 2018 Aerial Imagery**

**Tree Inventory 2017**

**Tree Common Name**

- Ash, White
- Ironwood
- Maple, Autumn Blaze
- Maple, Norway
- Maple, Red
- Maple, Silver
- Maple, Sugar
- Oak, Swamp White
- Spruce, Colorado Blue
- Sycamore

2253 Quarry Lane Parcels



  
 Dept of  
 Planning & Engineering  
 GIS Analyst: Caitlin Hagar  
 Date: 8/27/2019

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



# CITY OF ONALASKA

## PLANNING/ZONING DEPARTMENT

PH: (608) 781-9590

FAX (608) 781-9506

415 MAIN STREET  
ONALASKA, WI 54650-2953  
<http://www.cityofonalaska.com>

August 14, 2019

Edward & Joan Hanson  
2253 Quarry Lane  
Onalaska, WI 54650

RE: Boulevard Tree Removals

The City of Onalaska became aware that three (3) Silver Maple trees were recently removed from the boulevard at 2253 Quarry Lane, Onalaska. All trees in the boulevard (within 12' feet from the back of the curb) are owned by the City of Onalaska and only the City has the authority to remove trees and grind stumps in the boulevard.

The trees in question were inventoried by Bluestem Forestry Inc (Forestry Consultant) in fall 2017 and were considered to be in "fair" condition with tree diameters of 14 inches. Enclosed is a Tree Valuation provided by Bluestem Forestry Inc, which notes a total appraised value of the three (3) City trees at \$5,992.68 dollars.

The removal action taken is considered damage to City property as the trees were removed without the approval of the City of Onalaska. The City's Board of Public Works will meet on September 3<sup>rd</sup> at 6:30PM and will take action on the tree removal and discuss compensation for damage to City property.

If you have any questions regarding this letter, please feel free to contact me at 608-781-9590 or by email at [kaspenson@onalaskawi.gov](mailto:kaspenson@onalaskawi.gov) to discuss this matter further.

Sincerely,

Katie Aspenson, AICP  
Planning Manager  
City of Onalaska



**BLUESTEM FORESTRY CONSULTING, INC.**

49910 South Loop Road • Drummond, WI 54832  
(715) 739-6831

August 12, 2019

**2253 Quarry Lane, Onalaska TREE VALUATION**

**DESCRIPTION AND PURPOSE:** Bluestem Forestry Consulting Inc. was contacted by the City of Onalaska in August 2019 to complete a tree valuation based upon existing inventory data for three trees on municipal property that were illegally removed by a homeowner. The trees were not available for evaluation during the valuation, but the trees had been recently inspected by Bluestem Forestry Consulting, Inc. as part of a tree inventory update on September 21, 2017. The data gathered on September 21, 2017 is the data being used to determine value.

**METHODOLOGY:** Field examination and data collection was conducted by Kelli Tuttle of Bluestem Forestry Consulting Inc. on September 21, 2017 as part of a tree inventory update. This tree data collection was completed from the ground using standard forestry tools such as diameter tape and GPS. Value was determined using the Trunk Formula Method (Guide for Plant Appraisal, 9<sup>th</sup> edition; Council of Tree and Landscape Appraisers & International Society of Arboriculture). The Trunk Formula Method is used to appraise the monetary value of trees considered too large to be replaced with nursery or field-grown stock. Determination of the value of a tree is based on the cost of the largest commonly available transplantable tree and its cost of installation, plus the increase in value due to the larger size of the tree being appraised. These values are adjusted according to the species of the tree, its physical condition and landscape location. Tree replacement and installation costs were estimated.

**FINDINGS:** Using the method listed above, the following values were determined:

*Tree #1 = \$1,973.12*

*Tree #2 = \$2,046.44*

*Tree #3 = \$1,973.12*

**TOTAL APPRAISED VALUE: \$5,992.68**

**QUALIFICATIONS:** Kelli Tuttle is president of Bluestem Forestry Consulting Inc. and holds a Bachelor of Science in Urban Forestry from Purdue University. Her experience includes all aspects of municipal forestry and community involvement as well as consulting. She has been providing consulting services for communities throughout Wisconsin since 1998. Her consulting services include tree appraisals, tree inventories, construction damage mitigation, emerald ash borer planning, management plans, city ordinances revisions, public relations and staff training. Prior to founding Bluestem Forestry Consulting Inc., Kelli worked for the City of Duluth, MN as a tree inspector for nearly five years. Kelli has been an ISA Certified Arborist since 1997, is a member of the Wisconsin Arborist Association, Society of Municipal Arborists, is a former member of the National Urban and Community Forestry Advisory Committee and was chair of the Wisconsin Urban Forestry Council from July 2010-2013.

**ARBORIST DISCLOSURE STATEMENT**

Arborists and foresters are tree specialists who use their education, knowledge, training and experience to examine trees, make recommendations to increase the health of trees and attempt to reduce the risk of living and recreating near trees. Arborists/foresters cannot detect every condition that could possibly lead to the structural failure of a tree and cannot guarantee that a tree will or will not fail or that a tree will be healthy and safe for a specified period of time.

I certify that all the statements of fact in this appraisal are true, complete, and correct to the best of my knowledge and belief, and that they are made in good faith.

*Kelli Tuttle*

August 12, 2019

---

Kelli Tuttle

Date

President, Bluestem Forestry Consulting Inc.

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item:

**#6**

Project/Item Name:

Sidewalk damage

Location:

2010 Esther Drive

Requested Action:

Discussion on sidewalk damage

Staff Report/Description:

The owner of 2010 Esther Drive is requesting removal of two trees along the boulevard due to damage of the sidewalk by roots. The City has a current policy of sharing ½ of repair cost if the damage is caused by a City owned boulevard tree.

Attachments:

Letter and map

July 19, 2019

Mr. Jarrod Holter

Honorable Mayor Chilsen

City of Onalaska

RE: tree roots and sidewalk damage

I have spoken with you many times by telephone about continuing damage caused by the city owned trees on the boulevard causing damage to our sidewalks. Up until now you have been very responsive but my last phone call messages have gone unanswered. As we discussed we have lived at 2010 Esther Drive since 1991. Since then we have replaced two different sections of sidewalk twice; the last time only a few years ago; now we see the tree roots lifting both sections again. The last time we spoke you indicated the health of one of the trees was marginal, as a factor in the city decision to remove or replace. We again request the city remove either or both problem trees, and correct the sidewalk unevenness, at city expense. As taxpayers we should not be expected to continually pay for trees that we did not choose or plant. These honey locust trees are not suited for the narrow area and the leaves they drop are a mess.

Please advise how this will be corrected. I have sent a copy of this letter to the Mayor as well as the city policy on this issue needs council review apparently. Thank you in advance for your attention to this request.

Sincerely,



Francis and Jayne Spindler

2010 Esther Drive

Onalaska, WI 54650

608 385 3901

1 inch = 30 feet

ESTHER DR

20TH AVE S

ESTHER DR

**Honeylocust 15in**  
**Fair condition**  
**Priority 75**

**Honeylocust 16in**  
**Good condition**  
**Priority 85**

1978

2002

2010

2018

**Legend**  
with 2018 Aerial Imagery

**Tree Inventory 2017**

**Tree Common Name**

- Elm
- Hackberry
- Honeylocust
- Ironwood
- Maple, Norway
- Oak, Swamp White
- Pear
- 2010 Esther Dr. Parcels



Dept of  
Planning & Engineering  
GIS Analysis of Canopy Layer  
Date: 8/27/2019

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

**Board of Public Works  
of the City of Onalaska**

Tuesday, October 6, 2015

4

124

125 “Both the Holmen School District and the Onalaska School District use the therapy pool there,  
126 and we need to have parking for our buses that come in and drop off our students. Some of our  
127 students are severely developmentally disabled, so we really need to have the bus stay in that  
128 area in case there is an emergency and they need to take a student back to school or anything else  
129 that happens. If there was an evacuation we [need to] have the availability to take the students  
130 back to the bus. It would be really important for us to be able to have some parking while we’re  
131 at the pool, where our students are really engaging in the water activities that have been really  
132 beneficial for them. Thank you.”

133

134 **Francis Spindler**  
135 **2010 Esther Drive**  
136 **Onalaska**

137

138 “I’m here to address Item 5, and I appreciate the city and the Board of Public Works reviewing  
139 the city’s sidewalk replacement policy. To paraphrase, I feel like homeowners are in a situation  
140 where we don’t really have control. The city owns the boulevard, the sidewalk and the trees.  
141 We’re given the option to hire a contractor, but we’re told by that same mandate to replace  
142 sidewalks that are destroyed by city trees that we can’t touch. We can’t remove the trees, and we  
143 can’t hurt the roots. In my case, where I have two trees that have damaged two sections of  
144 separate sidewalks, if I were to hire a contractor I don’t think it’s under my responsibility under  
145 the direction of the city to be able to deal with the trees that are causing, in my case, the  
146 replacement of same sidewalk sections after eight to 10 years. In my neighborhood there are  
147 some neighbors that are replacing that same sidewalk three times. The letter that I send the  
148 board and the Mayor and City Council asks you to reconsider the continued reassessment of  
149 sidewalk replacements to the property owner. It’s city property that’s damaging city property,  
150 and yet we can’t do anything about it except pay for that continuing damage. We would like you  
151 to review your current decision that says that you can continue to reassess the property owner for  
152 sidewalk repairs. And I see by the return of either the contractor or city staff that has gone out  
153 and remarked sidewalk sections that are also indicating that they can cut roots of some of the  
154 trees. But it doesn’t address the root sections in the boulevard where my lawn mower is going to  
155 hit that root several times and maybe damage my lawn mower. In fact, what was originally  
156 identified in the request for me to pay for that sidewalk section identified two sections of  
157 sidewalk. With this follow-up, there’s a third section added. What I’m asking for is if you’re  
158 going to ask us to pay for it we have to have more control over who’s going to do it and how it’s  
159 going to be done because in my case I’ve got one section where the city has indicated to replace  
160 one section of sidewalk that’s uprooted by the root, whereas I feel if I raise the section that’s not  
161 been marked by the city and not replace those two, that would raise the other section of the  
162 sidewalk up to equalize it. We’re just asking for some ability to control our own expenditures,  
163 so we ask that the city review its policy and actually pay for the damages that the city trees are  
164 causing to city sidewalks.”

Reviewed 10-9-15

165  
166 Mayor Chilsen asked Francis if the photographs that were distributed to the board are of his  
167 property.

168  
169 Jarrod said the photographs have been distributed for later.

170  
171 Francis said he is willing to provide photographs of the sidewalk in front of his property and  
172 referred to the section of sidewalk that will always rise due to the presence of roots underneath it.  
173 Francis also reiterated he is asking the city to review its policy.

174  
175 **Bob Muth, Second District Alderperson**  
176 **317 Spruce Street**  
177 **Onalaska**

178  
179 "I want to look at Item 7, [which is] your review and consideration for the Great River Landing  
180 Phase I. I want to go on record [and state] that the portion of the Waterfront Project I'm against  
181 is the spray fountain and the amphitheater, noting the cost for the construction of a fountain is  
182 \$200,000, plus \$49,200 for the utilities and an additional \$200,000 for the amphitheater. We  
183 have an Aquatic Center, and I think that's where we should have this [fountain]. I think this is a  
184 tremendous waste of money. I called Jarrod today to guess what the width was from [State  
185 Trunk] Highway 35 to the railroad, and he estimated about 275 feet. We're going to encourage  
186 children to be playing between Highway 35 and the railroad. I just do not agree with this taking  
187 place. I think it's dangerous. It's noisy between trains parking down there and blowing their  
188 whistles and the traffic. The idea of an amphitheater down there doesn't make sense to me at all.  
189 A gentleman at one of the meetings for the city on this subject suggested Rowe Park, which I  
190 thought was a great idea. But again, I just think it's dangerous, it's noisy, and it's something that  
191 we should look at to cut out of this project. I think if we cut it out early enough we'll save  
192 money [in engineering costs] if the engineers are not drawing up ideas and schematics for this  
193 project. I think we have two priorities down there. We have the trailhead for the bike trail,  
194 which we have an agreement with the [Wisconsin] DNR. That's a no-brainer and we have to do  
195 that. The second thing is, for the 40 years I've lived here I've heard nothing but complaints  
196 about parking downtown. We have to get some parking down there. Those are the two priorities  
197 that we have to go with. I've talked to a number of people, and I haven't found anybody who  
198 wants to eliminate those two things off of this project. I would hope we could look at that as  
199 soon as possible before we start paying to have engineers do drawings when we find out we  
200 really don't need it. Thank you."

201  
202 Ald. Bialecki called three times for anyone else wishing to provide public input and closed that  
203 portion of the meeting.

204  
205 **Consideration and possible action on the following items:**

**Board of Public Works  
of the City of Onalaska**

Tuesday, October 6, 2015

6

206

207 **Item 4 – Review and consideration of snowmobile trail within the city for 2015-2016 winter**  
208 **season including crossing State Trunk Highway 35 at Oak Forest Drive**

209

210 Jarrod noted that board members' packets include a map outlining the proposed route throughout  
211 the city. This is the same route that has been utilized for several years. Jarrod noted the route  
212 crosses STH 35 and does not go under the railroad tracks as was the case for several years.

213 Jarrod said he had received an email from the Wisconsin Department of Transportation Traffic  
214 Engineer that states his support for the trail. Jarrod also said he is not aware of any concerns  
215 from Police Chief Trotnic over the last two years. Jarrod said staff recommends approval of this  
216 item.

217

218 Motion by Ald. Bialecki, second by Mayor Chilsen, to approve snowmobile trail within the city  
219 for 2015-2016 winter season including crossing State Trunk Highway 35 at Oak Forest Drive.

220

221 On voice vote, motion carried.

222

223 **Item 5 – Review and consideration of sidewalk replacement policy in relation to City-**  
224 **owned boulevard trees**

225

226 Jarrod noted that he had started the sidewalk program nearly 20 years ago and said residents have  
227 consistently expressed concerns over trees that have "heaved the sidewalk." Jarrod also noted  
228 that Kevin has been approached by citizens while he has marked sidewalks and said the emails  
229 and letters he has received concerning the sidewalk issue – copies of three such letters are  
230 included in board members' packets – is the largest number of letters he has ever received at one  
231 time.

232

233 Motion by Ald. Bialecki, second by Fred, to ask City Attorney Sean O'Flaherty to evaluate  
234 concerns related to sidewalk replacement policy in relation to City-owned boulevard trees, to  
235 recommend what, if any, changes need to be made, and also to establish any liability to the city  
236 in the Capital Improvements Budget.

237

238 Jarrod noted that staff has made two complete trips through the city checking sidewalks, and also  
239 noted that this process is done every seven to eight years. Jarrod noted that staff has addressed  
240 many of the older sidewalks in disrepair and said a majority of the damage to sidewalks over  
241 eight years is due to trees. Jarrod acknowledged that several trees are located along boulevards,  
242 but also noted there are trees located on the property owner's side. Jarrod noted that  
243 approximately 75 percent of sidewalks that are marked for repair have been affected by trees.  
244 Jarrod referred to photographs of Francis Spindler's neighborhood that show what staff has  
245 marked, and also that staff attempts to cut the tree root when the stone has been removed.  
246 However, Jarrod noted a new or different tree root will raise the sidewalk over the course of

247 eight years. Jarrod said there will be a yearly budgetary impact on the sidewalk maintenance  
248 program and noted these costs will not be recouped through the assessment process. Jarrod said  
249 this item may be referred to Sean so he may determine liability.

250

251 Ald. Bialecki asked Jarrod if he has budgeted \$75,000 in the 2016 CIB for the sidewalk repair  
252 program.

253

254 Jarrod said yes and noted these funds also are utilized in sections of the city for handicap ramps,  
255 corners and curb replacement. Jarrod estimated that \$25,000 to \$30,000 has been expended in  
256 2015 to repair sidewalks affected by boulevard trees.

257

258 Ald. Binash asked if city staff has ever considered "mud-jacking."

259

260 Jarrod noted that sidewalks are not marked unless there is a 3/4-inch difference in the two  
261 sidewalk stones and said staff has looked into other methods such as mud-jacking and grinding.  
262 Jarrod noted that boulevard tree roots can range in diameter from 1 inch to 4 inches and said  
263 problems will return within one to two years if staff mud-jacks a sidewalk. Jarrod also said the  
264 grinding method can become costly for the bid price. Jarrod said, "Overall, tearing [the  
265 sidewalk] out and putting it back in is the longest term, bigger fix that we've found." Jarrod also  
266 noted that the city's bid price includes removing any roots as marked.

267

268 Ald. Binash asked if a tree has ever perished as a result of removing a root.

269

270 Jarrod said that while trees have died due to utility installation, he has not seen one perish due to  
271 the city's sidewalk program.

272

273 Ald. Binash said it appears that the city ordinance clearly puts the onus of repairing the sidewalk  
274 on the property owner and asked if Sean also would examine this.

275

276 Ald. Bialecki said his motion includes asking Sean to do so.

277

278 Jarrod said Chapter 2 ("Streets and Sidewalks") of the city ordinance would need to be updated  
279 to reflect any new policy change that would occur.

280

281 Fred said it is his understanding that there will be no change regarding special assessments being  
282 presented.

283

284 Ald. Bialecki said he will wait to hear Sean's opinion.

285

286 Jarrod said special assessments will be delivered at the end of month to property owners. Jarrod  
287 also promised that the board will "act expeditiously" on this item and discuss it at the November

288 3 Board of Public Works meeting.

289

290 On voice vote, motion carried.

291

292 **Item 6 – Review and consideration of parking restrictions along Critter Court**

293

294 Ald. Bialecki asked Jarrod if a request for two-hour parking will require a public hearing.

295

296 Jarrod said the city notifies all property owners in the affected area and holds a public hearing.

297 Jarrod noted that an adjacent property owner had expressed concerns when Springbrook had

298 requested altering parking restrictions along Critter Court at the August 2014 Board of Public

299 Works meeting and recommended holding a public hearing in this instance.

300

301 Motion by Ald. Bialecki, second by Mayor Chilsen, to refer to a public hearing at the November

302 3 Board of Public Works meeting a request for two-hour parking along Critter Court.

303

304 Ald. Bialecki acknowledged that there might be one adjacent property owner who would object

305 to the request and asked Jarrod to speak to the Fire Department about the ability to turn around

306 its trucks in this area, especially during the winter months.

307

308 Jarrod noted that Springbrook had determined the turning radius for the ladder apparatus. Jarrod

309 also noted Gundersen Health, which employs approximately 500 individuals, is located next to

310 Springbrook and said that two-hour parking will become all-day parking if it is not enforced.

311 Jarrod said he is unsure of what type of burden would be placed on the Police Department to

312 enforce two-hour parking.

313

314 Ald. Binash noted the challenges that have been present for years on Critter Court still exist and

315 said even allowing two-hour parking might not solve the issue for Springbrook. Ald. Binash also

316 noted he had read the Fire Department stated the turning radius would be obstructed if parking

317 were to be allowed on Critter Court.

318

319 On voice vote, motion carried.

320

321 **Item 7 – Review and consideration of Great River Landing Phase I**

322

323 A. Funding sources for Phase I of project

324

325 Ald. Bialecki said he believes the funding source will be Tourism dollars.

326

327 B. Professional engineering services for completion of final design services for Phase I of

328 the Great River Landing Project in an amount not to exceed \$158,900 including funding

**Board of Public Works  
of the City of Onalaska**

Tuesday, November 3, 2015

4

124

125 Jarrod said it would be located on the east side of the road.

126

127 Police Chief Trotnic said an area would be marked out on either side of the drive and designated  
128 as a tow-away zone. Police Chief Trotnic acknowledged that it would be at times challenging to  
129 enforce two-hour parking, but he added the tow-away zone would be a “high priority” for the  
130 Police Department.

131

132 Motion by Ald. Bialecki, second by Mayor Chilsen, to approve two-hour parking on the west  
133 side of Critter Court from 500 feet south of South Kinney Coulee Road to the end of the cul-de-  
134 sac.

135

136 Ald. Bialecki said the board will look at implementing two-hour parking for one year and will  
137 call this item back for review if it appears as if motorists are not adhering to the time limit.

138

139 Jarrod said he will provide the Common Council with an updated map at its November 10  
140 meeting.

141

142 Ald. Bialecki asked Jarrod to email a copy of the updated map to Springbrook.

143

144 Jarrod said the change to the ordinance will go before the Administrative and Judiciary  
145 Committee at its December 2 meeting. Jarrod also noted that changing the ordinance will be a  
146 60-day process through the Administrative and Judiciary Committee unless the Common  
147 Council votes to suspend the rules and give the ordinance change a 30-day reading.

148

149 Ald. Binash, who sits on the Administrative and Judiciary Committee, said the committee could  
150 vote to suspend the rules and give the ordinance change its First, Second, Third and Final  
151 Reading.

152

153 On voice vote, motion carried.

154

155 **Item 5 – Review and consideration of sidewalk replacement policy in relation to City-**  
156 **owned boulevard trees**

157

158 Motion by Ald. Bialecki, second by Fred, to refer for at least 30 days review and consideration of  
159 sidewalk replacement policy in relation to City-owned boulevard trees.

160

161 Ald. Bialecki said City Attorney Sean O’Flaherty still has not given his opinion on this matter.

162

163 On voice vote, motion carried.

164

42 portion of the meeting.

43  
44 **Consideration and possible action on the following items:**

45  
46 **Item 4 – Review and consideration of sidewalk replacement policy in relation to City-**  
47 **owned boulevard trees**

48  
49 Jarrod referred to board members' packets, which include an opinion from Attorney Amanda  
50 Halderson Jackson of O'Flaherty Heim Egan & Birnbaum, and read the following: "*The city*  
51 *does not have a duty to pay for the sidewalks damaged by city boulevard trees.*" Jarrod noted  
52 that the city has received letters from homeowners who are unhappy about having to pay for a  
53 sidewalk when a tree located on city-owned right-of-way heaves the sidewalk. Jarrod noted the  
54 board had been waiting for an opinion from legal counsel and said the bills for 2015 have been  
55 sent and payments are due. Jarrod said if the board takes any action this evening it should move  
56 forward for action starting in 2016.

57  
58 Fred asked board members if they would feel comfortable with Jarrod presenting two options at  
59 the January 5 Board of Public Works meeting.

60  
61 Jarrod noted that Amanda had provided information pertaining to the City of Madison's  
62 approach to sidewalks and said he could ask Kevin to perform research pertaining to what  
63 actions other communities take. This information could be presented on January 5.

64  
65 Ald. Binash said he favors this idea and stated he believes it would be fair for the city's residents  
66 to examine the options that would be available to them. Ald. Binash added he believed it would  
67 be beneficial to include a copy of the ordinance and said changes could be suggested at that time.

68  
69 Jarrod said an ordinance update would be necessary with any changes that are made. Jarrod said  
70 that if the board chose in January to alter the policy administered through the ordinance, it would  
71 not go into effect for a few months. Jarrod also said there is sufficient time to take action as the  
72 city will not make sidewalk repairs during the winter months.

73  
74 Motion by Ald. Binash, second by Mayor Chilsen, to approve obtaining more proposals for the  
75 sidewalk replacement policy in relation to City-owned boulevard trees prior to the January 5  
76 Board of Public Works meeting.

77  
78 On voice vote, motion carried.

79  
80 **Item 5 – Review and consideration of special assessment for 1841, 1855, 1857, 1859 Sand**  
81 **Lake Road parcel 18-4519-002 and 1171 Rolling Oaks Drive parcel 18-5822-2, both**  
82 **included in parcel 18-4519-000 prior to subdivision**

Reviewed 12/7/15 by Jarrod Holter

83

84 **Item 6 – Review and consideration of sidewalk replacement policy in relation to City-**  
85 **owned boulevard trees**

86

87 Kevin noted that board members had asked at the December 1 Board of Public Works meeting  
88 for city staff to perform further research on how communities of similar size to the City of  
89 Onalaska, as well as other area communities, address sidewalk repairs. Kevin noted he had  
90 contacted representatives from seven municipalities and referred to a summary that had been  
91 included in board members’ packets. Four municipalities (City of Chippewa Falls, City of  
92 Marshfield, City of Verona, City of Middleton) require abutting property owners to pay for all  
93 sidewalk repairs. The Village of Howard pays for all sidewalk repairs, and the property owner is  
94 only required to perform snow removal. The City of De Pere pays for damage to the sidewalk by  
95 city terrace trees, and the property owner pays for all other sidewalk repairs. The City of La  
96 Crosse pays for 25 percent of repair costs up to \$250 (single frontage) and \$550 (double  
97 frontage) for each property.

98

99 Ald. Bialecki asked Kevin if he knows if Chippewa Falls, Marshfield, Verona or Middleton puts  
100 trees on city boulevards.

101

102 Kevin said both Chippewa Falls and Middleton do.

103

104 Fred asked if the boulevard distance is similar to the rest of the communities.

105

106 Kevin said he had not discussed widths with each of the communities and noted there are 4-foot  
107 boulevards and 9-foot boulevards with trees in Onalaska. Kevin said city staff will not plant  
108 trees on boulevards with widths of 5 feet or less.

109

110 Ald. Bialecki said, “I have mixed emotions on this one. On one hand, it’s standard. You have a  
111 boulevard and the sidewalk is in there. It’s broke, and then the homeowner pays for it. But the  
112 catch is the city plants a tree there and the roots pop the sidewalk. Are you still going to tell the  
113 homeowner they have to pay for that?”

114

115 Kevin said he “gets both sides” when he is speaking to residents – some strongly disapprove of  
116 the policy, but others have grown fond of a tree on their property and understand why the policy  
117 is in place.

118

119 Fred noted that the city had sent out between 50 and 70 notices for assessments it had billed out  
120 and asked if a majority had been less than \$250.

121

122 Kevin said the majority likely would be less than \$250.

123

124 Fred said he believes the entire special assessment was approximately \$40,000.

125

126 Kevin told Fred his estimate is “fairly close.”

127

128 Fred said, “So the city through this whole process would have made that many people happy if  
129 we paid the vast majority of it.”

130

131 Kevin said the city likely would have paid the vast majority of repairs. Kevin said the ordinance  
132 gives the city latitude to take different approaches, noting that tree roots cause an obvious  
133 tripping hazard. Kevin noted city staff is allowed to examine back-pitch sidewalk and pitting of  
134 sidewalks and said he attempts to look for tripping hazards.

135

136 Jarrod noted that many of the heavily damaged sidewalks in the city have been repaired, adding  
137 that trees are the cause of the damage approximately 75 percent of the time. Jarrod also noted  
138 that Onalaska had a “healthy” tree planting program in the 1980s. Many of the trees that were  
139 planted were ash trees, and many of these trees have been removed within the last couple years.  
140 Jarrod said many of the trees are heaving sidewalks.

141

142 Fred referred to La Crosse’s policy and asked if the city should tie repair costs strictly to trees  
143 that heave sidewalks.

144

145 Jarrod said La Crosse pays 25 percent of the repair costs for any defect and stated, “I think with  
146 our ordinance and the way it is in that we’ve had the owners pay for it, I think that is justifiable,  
147 as the attorney has said. You can see there are a lot of municipalities that do it that way. Once  
148 again, I think the only thing is the tree because the one thing that really aggravates people is they  
149 sometimes don’t mind paying for the sidewalk to get redone. But then they [tell us], ‘I want the  
150 tree removed because I’m not going to pay for it a second time.’ That’s when I get that phone  
151 call and I say, ‘The city owns the tree. It’s been marked by a forester as being a very healthy  
152 tree. There’s nothing wrong with it. The tree is going to stay.’ That’s when they really get  
153 aggravated. ... That’s where we see recurring problems.” Jarrod noted that some residents in the  
154 Sandalwood neighborhood expressed frustration when they had to pay for repairs a second time  
155 for the same tree. Jarrod said that although city staff has removed the roots, the tree is healthy  
156 and continues to grow.

157

158 Ald. Blomquist asked how many repairs city staff performs on sidewalks every year.

159

160 Kevin said staff performed repairs on two smaller areas in 2015. Kevin also said the city sent  
161 out 150 spot repairs.

162

163 Ald. Blomquist asked what percentage of the sidewalk repairs are due to tree damage.

164

**Board of Public Works  
of the City of Onalaska**

Tuesday, January 5, 2016

5

165 Kevin estimated 60 percent and said staff sends letters to citizens and asks them to return it if  
166 they are going to repair a damaged sidewalk, or if they want the city to repair it and place it on  
167 the tax roll. Kevin said the response rate is approximately 50 percent.

168

169 Fred said the Accounting Department must send out notices of special assessments after city staff  
170 performs repairs, answer questions and place the assessments on the tax roll. Fred said, "When  
171 you start adding up all that labor, you really wonder if it would have been better if the city would  
172 have just done it."

173

174 Mayor Chilsen acknowledged that this situation is difficult, noting that city staff caused  
175 difficulties by planting the tree, but yet citizens still want the trees on the boulevard. Mayor  
176 Chilsen asked if perhaps citizens could be given an option.

177

178 Jarrod said he does not like the thought of removing a healthy tree.

179

180 Motion by Jarrod, second by Ald. Bialecki, to approve the City of Onalaska paying 50 percent of  
181 the replacement cost of a sidewalk stone that is directly attributable to damage from a boulevard  
182 terrace tree in the public right-of-way.

183

184 Mayor Chilsen asked who will be responsible for making this decision.

185

186 Jarrod said he believes it is up to the City Engineer to make the decision, stating he does not  
187 believe the decision will be "overly judicious" to determine if a tree caused the damage. Jarrod  
188 said, "We're going to send the notice either way. If we give them the notice and we don't say  
189 that it's half and we find out it is we can always change the assessment when we go out to repair  
190 it. So we would have a way of knowing it."

191

192 Ald. Bialecki asked, "Then your intent is just the sidewalk replacement and it has nothing to do  
193 with the trees? We stand firm on that, correct?"

194

195 Jarrod said yes, stating that the tree would remain unless it needs to be removed due to disease or  
196 something identified by a forester as a hazard.

197

198 Fred asked, "Were you also in a position not to put a maximum? Or don't you think the  
199 maximum would ever apply?"

200

201 Jarrod said one stone is approximately \$175 to replace and noted there are locations where a tree  
202 heaves on the joint and there are two stones. However, a majority are only one stone. Jarrod  
203 said it has been his experience that there is a maximum of two stones.

204

205 Mayor Chilsen said he simply wants to make sure there is one individual making the decisions.

206

207 Jarrod noted some residents had \$900 assessments because they had four boulevard trees, with  
208 three heaving the sidewalk. Jarrod said each tree is separate and noted there were assessments  
209 on Esther Drive that exceeded \$500 because three trees were heaving three different locations.

210

211 For clarification, Ald. Bertrand asked Jarrod if he is suggesting that the city pay 50 percent of the  
212 replacement costs.

213

214 Jarrod said that is the motion on the floor and pointed out that the city's current policy states  
215 residents "have no participation in any causes of failures due to the trees."

216

217 Ald. Bertrand asked if the city would be "generous" in paying 50 percent.

218

219 Jarrod said a homeowner who wants to remove a city-owned tree heaving his sidewalk likely  
220 would not consider 50 percent to be generous. Jarrod noted there are municipalities that charge  
221 all the costs and said the city's legal counsel has told him the City of Onalaska may continue to  
222 do so.

223

224 Ald. Muth said he approves of Jarrod's proposal, describing it as "a partnership" between the  
225 city and its residents.

226

227 Ald. Binash pointed out that a homeowner would be liable for any negligence that he/she is  
228 responsible for on a sidewalk and said, "What benefit does the sidewalk give to the homeowner?  
229 Is this something that is taxed, making their house more valuable because we put in a sidewalk?  
230 And if it isn't, then the city put in the sidewalk for the benefit of the public. I think if we put in  
231 the sidewalk for the benefit of the public, then I think Jarrod's proposal is spot-on in that the city  
232 should be partially responsible for what we do with that sidewalk due to boulevard trees. I  
233 mentioned this once before, and Jarrod had responded about mud-jacking it. If the cement slab  
234 isn't damaged, is it possible to cut the root and just mud-jack that particular sidewalk? It might  
235 lessen the expense." Ald. Binash noted he sits on the Administrative and Judiciary Committee  
236 and asked if an ordinance change will be necessary. Ald. Binash also asked when an ordinance  
237 change, if there is one, would take effect.

238

239 Ald. Bialecki said there likely would be a 60-day cycle if the Common Council passes this item  
240 at its January 12 meeting and the ordinance change would require a First, Second, Third and  
241 Final Reading at the Administrative and Judiciary Committee level.

242

243 Jarrod noted that city staff will not begin marking sidewalks again until June if this change  
244 occurs and expressed confidence there would be sufficient time to implement the ordinance  
245 change. Jarrod noted the city began its sidewalk program in the late 1990s because staff would  
246 order a repair if an individual tripped and fell at a particular location. Jarrod noted staff had

247 consulted with legal counsel and said the city could be liable unless it had a program in place that  
248 required staff to physically examine a location. Jarrod said there is a seven-year rotation through  
249 the city and noted he has received telephone calls from residents and attorneys who tell him  
250 someone tripped and fell on a sidewalk that has heaved an inch. Jarrod said he asks where the  
251 fall occurred and tells the caller it was inspected four years ago and the city has documentation  
252 proving this.

253  
254 Jarrod said, "Sidewalks are installed for the good of the public. It's something that makes a  
255 community. Those of you who have been here long enough remember some heated debates in  
256 the 1980s over putting sidewalks in neighborhoods. There's a varying opinion on sidewalks.  
257 With that, I do believe, as Alderman Binash stated, they are a benefit to the public at large. And  
258 as such, it's not just totally a homeowner's issue." Jarrod addressed mud-jacking, noting that  
259 staff has looked into alternate repair methods. Jarrod said staff has found that if there is an  
260 attempt to cut the root a significant amount of the boulevard is dug up where the tree is located.  
261 A hump in the entire sidewalk system is created when staff leaves the root in place, tries to cut it  
262 off and then mud-jacks the pieces around it up to that grade. Jarrod said it is nearly impossible to  
263 completely remove the root without the sidewalk stoning out. The sidewalk continues to raise,  
264 and city staff must return in the future.

265  
266 Fred noted that nearly 1,700 trees have been removed and said that although the tree might no  
267 longer be present, the sidewalk already was damaged. Fred said he feels comfortable that the  
268 Engineering Department will give residents credit knowing that there was a tree causing damage.  
269

270 Jarrod noted there are areas in the northern part of the city that staff will be inspecting within the  
271 next two years. Nearly 1,100 trees have been removed from these areas, and Jarrod said staff  
272 will be able to determine if the damage was caused by a root. Jarrod also noted the city has data  
273 in its GIS System.

274  
275 On voice vote, motion carried.

276  
277 **Item 7 – Review and consideration of application for connection to State Trunk Highway**  
278 **system, including supporting Resolution 2-2016**

279  
280 Jarrod noted that board members' packets include a copy of the application for the connection to  
281 the State Trunk Highway system. Jarrod described the location as "interesting," noting it is  
282 along Sand Lake Road, which the city recently has taken jurisdiction over from La Crosse  
283 County. Jarrod said the city is not attaching to the physical state trunk highway, but rather to a  
284 City of Onalaska street that is located within an access control zone associated with the highway.  
285 Jarrod said the paperwork included in board members' packets is being requested by the  
286 Wisconsin Department of Transportation. The city must have a resolution supporting this  
287 application.

**Common Council  
of the City of Onalaska**

Tuesday, January 12, 2016

4

- 126 N. Approval of **Ordinance No. 1526-2016** – to repeal Chapter 3 of Title 2, Section 20 of the  
127 Code of Ordinances of the City of Onalaska relating to Land Use and Development  
128 Director (Third and Final Reading)  
129 O. Approval of **Ordinance No. 1527-2016** – to amend Chapter 8 of Title 13, Section 4 of  
130 the Code of Ordinances of the City of Onalaska relating to Site Plan Permits (Third and  
131 Final Reading)  
132 P. Approval of **Ordinance No. 1528-2016** – to amend Chapter 2 of Title 13, Section 2 of  
133 the Code of Ordinances of the City of Onalaska relating to Vacation of Streets and  
134 Annexation (Third and Final Reading)  
135 Q. Approval of **Ordinance No. 1529-2016** – to amend Chapter 8 of Title 13, Section 9 of  
136 the Code of Ordinances of the City of Onalaska relating to Rezoning (Third and Final  
137 Reading)  
138 R. Approval of **Ordinance No. 1532-2016** – to amend Chapter 5 of Title 13, Section 4 of  
139 the Code of Ordinances of the City of Onalaska relating to application for Conditional  
140 Use Permit (Third and Final Reading)  
141 S. Approval of **Ordinance No. 1533-2016** – to amend Chapter 9 of Title 13, Section 76 of  
142 the Code of Ordinances of the City of Onalaska relating to Subdivision and Development  
143 Fees (Third and Final Reading)  
144 T. Approval of **Ordinance No. 1536-2016** – to amend Article D of Chapter 1 of Title 15 of  
145 the Code of Ordinances of the City of Onalaska relating to Electrical Code (First and  
146 Second Reading)  
147

148 **ADMINISTRATIVE COMMITTEE**

- 149  
150 U. Approval of Operator’s Licenses as listed on report dated January 6, 2016  
151 V. Approval of Change of Agent for Quantum Leap Restaurants, Inc. d/b/a TGI Friday’s,  
152 9430 State Road 16, Onalaska to John Hartnell  
153 W. Approval of Class “B” Picnic License for St. Patrick’s, 1031 Main Street, Onalaska for  
154 Friday Fish Fries on February 12, 19, 26 and March 4, 11, 18, 2016  
155

156 **BOARD OF PUBLIC WORKS**

- 157  
158 X. Approval of sidewalk replacement policy in relation to City-owned boulevard trees. City  
159 to credit property owner 50% if a City tree in the boulevard caused damage to sidewalk  
160 resulting in repair or replacement  
161 Y. Approval of Change Order #2 for Well #9 Reconstruction Project in the amount of  
162 \$49,428.67  
163 Z. Approval of Utility Billing area door modifications at Public Works Facility by Olympic  
164 Builders in an amount not to exceed \$11,304.90  
165 AA. Approval of maintaining yield signs for intersection control at Troy Street and  
166 Oak Avenue North  
167 BB. Approval of purchasing used Street Department asphalt hot box in an amount of

Reviewed 1/14/16 by Cari Burmaster

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #7

Project/Item Name: Storm water ponding area

Location: Intersection of Kyle Lane and Charles Avenue

Requested Action: Discussion on storm water ponding area

Staff Report/Description: Resident within the neighborhood has lodged anonymous complaint that the area should be cleared and better manicured. Area was originally outlined as park area in original plat but since City Annexation and utility installation in 1993 the area has been used for storm water ponding. Only maintenance performed in this area is to mow approximately eight feet in from the edge of pavement.

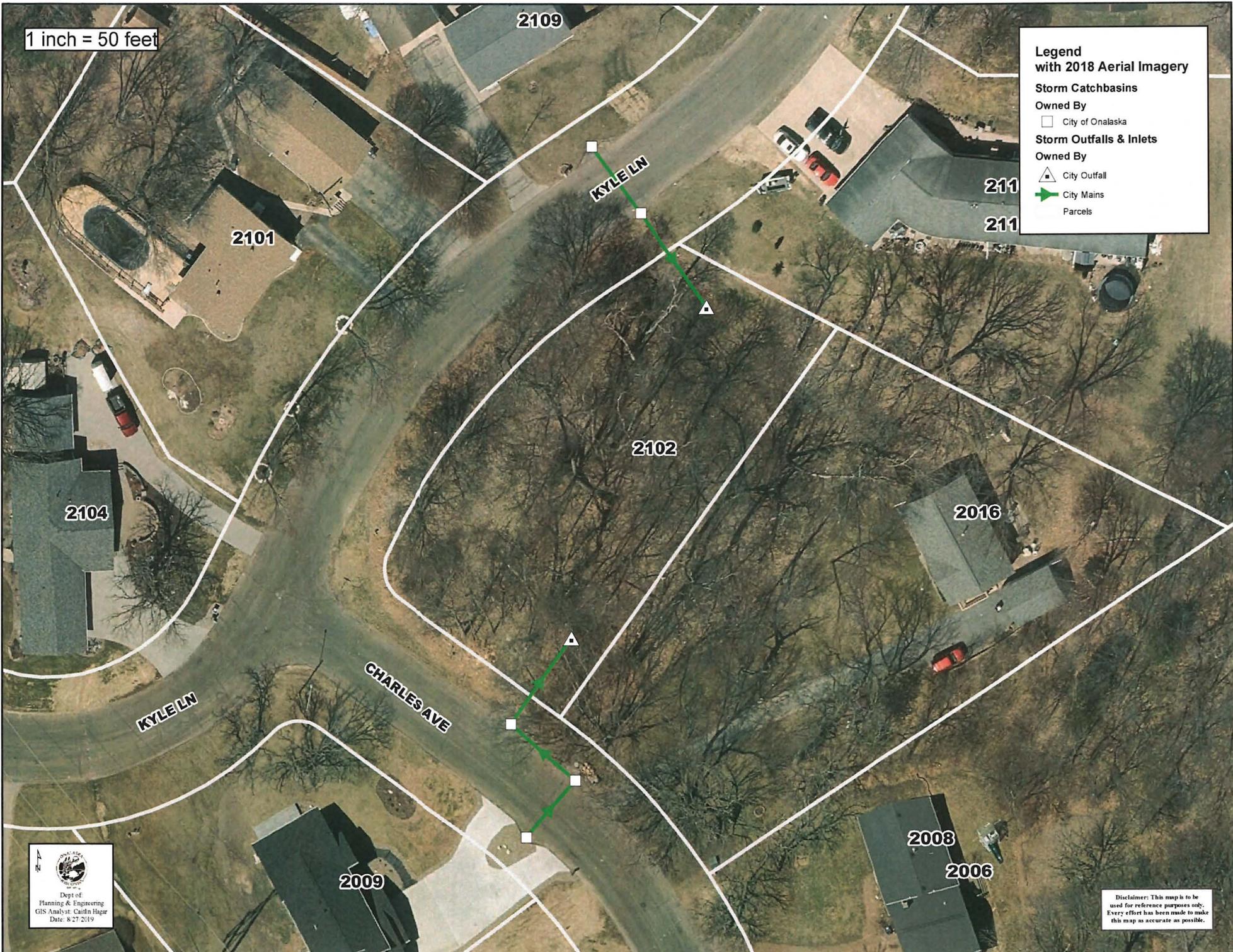
Attachments: map

1 inch = 50 feet

**Legend with 2018 Aerial Imagery**

**Storm Catchbasins**  
Owned By  
□ City of Onalaska

**Storm Outfalls & Inlets**  
Owned By  
△ City Outfall  
→ City Mains  
Parcels



Dept of  
Planning & Engineering  
GIS Analyst: Caitlin Hager  
Date: 8/27/2019

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

September 3, 2019

Agenda Item: #8

Project/Item Name: East Avenue & Riders Club Road  
intersection control

Location: Intersection of East Avenue and Riders Club  
Road

Requested Action: Discussion on intersection control

Staff Report/Description: This item was moved forward for further discussion from the August meeting. Discussion has centered on installation of a four way stop at this intersection. I have attached a design memo from SEH regarding the installation of bump outs at the intersection and the possible use of a mini roundabout.

Attachments: Design memo



Building a Better World  
for All of Us®

## MEMORANDUM

TO: Jarrod Holter, PE

FROM: Jeremy Tomesh, PE (Lic. WI)

DATE: August 23, 2019

RE: Riders Club Road & East Avenue N. Intersection Review

The intersection of Riders Club Road and East Avenue N. is currently controlled by a 2-way stop with the Riders Club Road leg signed as the stop condition. The City tasked SEH to perform a planning level review of the intersection to determine if an alternative form of intersection control or changes in intersection geometrics could reduce crashes and speeds at the intersection. SEH completed two preliminary layouts of the intersection – bump outs and construct a min-RAB. The first option, bump outs, provides a narrower cross-section at the intersection which encourages lower speeds, and shorter crossings for pedestrians. The second option, provides a mini-roundabout at the intersection. While not as large as a traditional roundabout, a mini-roundabout provides many of the same benefits in that it reduces the number and severity of crashes, as well as lowers the entering speeds of vehicles. Furthermore, its smaller footprint has relatively low implementation costs over the traditional roundabout.

JJT  
Attachment.

\\seh\projects\kolokolonal\common\mini\_rab\memo.docx

Engineers | Architects | Planners | Scientists

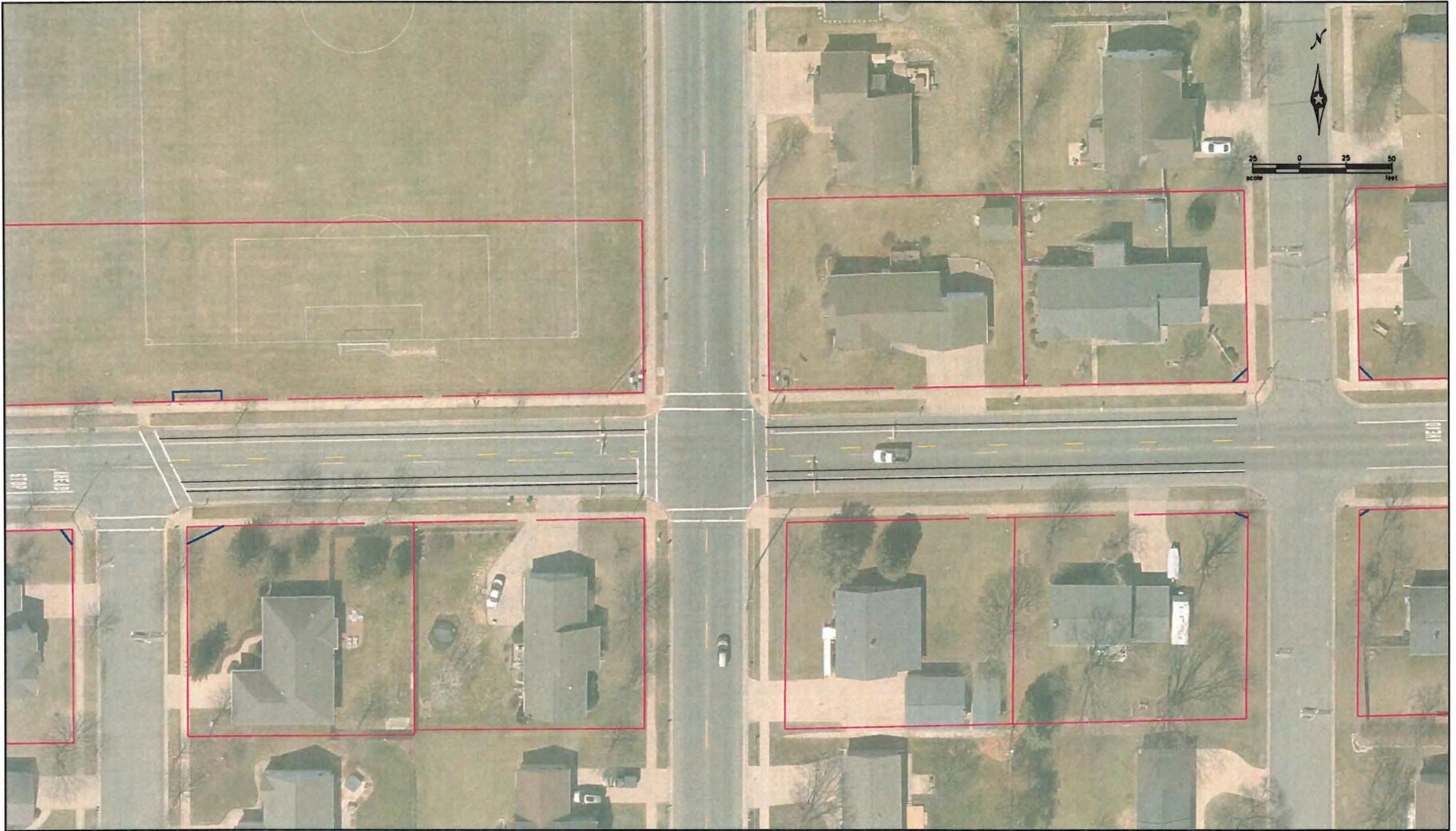
Short Elliott Hendrickson Inc., 329 Jay Street, Suite 301, La Crosse, WI 54601-4034  
SEH is 100% employee-owned | [sehinc.com](http://sehinc.com) | 608.782.3161 | 888.908.8166 fax

**Riders Club Road & East Ave. N.**  
**City of Onalaska**  
**Estimate of Probably Costs**  
**Bump Out Option**  
**August 23, 2019**

	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	
	<b>REMOVALS</b>					
	Removing Asphaltic Surface	SY	1,100	\$5.00	\$ 5,500	
	Removing Curb & Gutter	LF	490	\$4.00	\$ 1,960	
	Removing Sidewalk	SY	170	\$5.00	\$ 850	
					\$ -	
<b>1</b>	<b>Removal Subtotal Costs</b>				<b>\$ 8,310</b>	
	<b>EARTHWORK</b>					
	Excavation Common	CY	100	\$20.00	\$ 2,000	
<b>2</b>	<b>Earthwork Subtotal Costs</b>				<b>\$ 2,000</b>	
	<b>ROADWAY ITEMS</b>					
	Base Aggregate Dense 1-1/4 Inch	TON	100	\$18.50	\$ 1,850	
	Prepare Foundation for Asphaltic Paving	LS	1	\$1,200.00	\$ 1,200	
	HMA Pavement 4 MT 58-28 S	TON	310	\$90.00	\$ 27,900	
	Concrete Curb & Gutter	LF	490	\$22.00	\$ 10,780	
	Concrete Sidewalk 4-Inch	SF	1,525	\$5.00	\$ 7,625	
	Detectable Warning Fields (Natural Patina)	SF	128	\$50.00	\$ 6,400	
	Adjust Manhole	EA	3	\$500.00	\$ 1,500	
					\$ -	
<b>3</b>	<b>Roadway Subtotal Costs</b>				<b>\$ 57,255</b>	
<b>5</b>	<b>Subtotal Cost</b>				<b>\$ 67,565</b>	
<b>6</b>	<b>DRAINAGE/STORM SEWER</b>	LS	0	% of Line 2+3	N/A	\$ -
<b>7</b>	<b>TRAFFIC CONTROL</b>	LS	3	% of Line 5	N/A	\$ 2,027
<b>8</b>	<b>EROSION CONTROL</b>	LS	2	% of Line 2+3	N/A	\$ 1,185
<b>9</b>	<b>LIGHTING</b>	LS	0	% of Line 5	N/A	\$ -
<b>10</b>	<b>SIGNING/MARKING</b>	LS	5	% of Line 2+3	N/A	\$ 2,963
<b>11</b>	<b>MOBILIZATION</b>	LS	6	% of Line 2+3	N/A	\$ 3,555
<b>12</b>	<b>Roadway &amp; Incidentals Cost</b>				<b>\$ 77,295</b>	
<b>13</b>	<b>COST ESTIMATE CONTINGENCIES</b>	LS	15	% of Line 13	N/A	\$ 11,594
<b>14</b>	<b>Total Construction Cost</b>				<b>\$ 88,890</b>	
	<b>UTILITIES</b>	LS	0	% of Line 15	N/A	\$ -
	<b>REAL ESTATE</b>	LS	0	1	N/A	\$ -
<b>15</b>	<b>Utilities &amp; Real Estate Total Cost</b>				<b>\$ -</b>	
<b>16</b>	<b>CONSTRUCTION ENGINEERING</b>	LS	0	% of Line 15	N/A	\$ -
<b>17</b>	<b>Construction Engineering Total Cost</b>				<b>\$ -</b>	
<b>TOTAL PROJECT COST</b>					<b>\$ 89,000</b>	

**Riders Club Road & East Ave. N.**  
**City of Onalaska**  
**Estimate of Probably Costs**  
**Mini-RAB Option**  
**August 23, 2019**

	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
	<b>REMOVALS</b>				
	Removing Asphaltic Surface	SY	1,540	\$5.00	\$ 7,700
	Removing Curb & Gutter	LF	490	\$4.00	\$ 1,960
	Removing Sidewalk	SY	195	\$5.00	\$ 975
					\$ -
<b>1</b>			<b>Removal Subtotal Costs</b>		<b>\$ 10,635</b>
	<b>EARTHWORK</b>				
	Excavation Common	CY	100	\$20.00	\$ 2,000
<b>2</b>			<b>Earthwork Subtotal Costs</b>		<b>\$ 2,000</b>
	<b>ROADWAY ITEMS</b>				
	Base Aggregate Dense 1-1/4 Inch	TON	150	\$18.50	\$ 2,775
	Prepare Foundation for Asphaltic Paving	LS	1	\$1,200.00	\$ 1,200
	HMA Pavement 4 MT 58-28 S	TON	435	\$90.00	\$ 39,150
	Concrete Curb & Gutter	LF	900	\$22.00	\$ 19,800
	Concrete Sidewalk 4-Inch	SF	1,750	\$5.00	\$ 8,750
	Concrete Sidewalk 6-Inch - Center Islan	SF	3,325	\$6.50	\$ 21,613
	Concrete Medians	SF	1,325	\$6.50	\$ 8,613
	Detectable Warning Fields (Natural Patina)	SF	128	\$50.00	\$ 6,400
	Adjust Manhole	EA	3	\$500.00	\$ 1,500
					\$ -
<b>3</b>			<b>Roadway Subtotal Costs</b>		<b>\$ 109,800</b>
<b>5</b>			<b>Subtotal Cost</b>		<b>\$ 122,435</b>
<b>6</b>	<b>DRAINAGE/STORM SEWER</b>	LS	0	% of Line 2+3	N/A
<b>7</b>	<b>TRAFFIC CONTROL</b>	LS	3	% of Line 5	N/A
<b>8</b>	<b>EROSION CONTROL</b>	LS	2	% of Line 2+3	N/A
<b>9</b>	<b>LIGHTING</b>	LS	0	% of Line 5	N/A
<b>10</b>	<b>SIGNING/MARKING</b>	LS	5	% of Line 2+3	N/A
<b>11</b>	<b>MOBILIZATION</b>	LS	6	% of Line 2+3	N/A
<b>12</b>			<b>Roadway &amp; Incidentals Cost</b>		<b>\$ 140,642</b>
<b>13</b>	<b>COST ESTIMATE CONTINGENCIES</b>	LS	15	% of Line 12	N/A
<b>14</b>			<b>Total Construction Cost</b>		<b>\$ 161,738</b>
	<b>UTILITIES</b>	LS	10	% of Line 14	N/A
	<b>REAL ESTATE</b>	SF	790	\$ 10.00	\$ 7,900
<b>15</b>			<b>Utilities &amp; Real Estate Total Cost</b>		<b>\$ 24,074</b>
<b>16</b>	<b>CONSTRUCTION ENGINEERING</b>	LS	0	% of Line 15	N/A
<b>17</b>			<b>Construction Engineering Total Cost</b>		<b>\$ -</b>
<b>TOTAL PROJECT COST</b>					<b>\$ 186,000</b>



PROJECT:

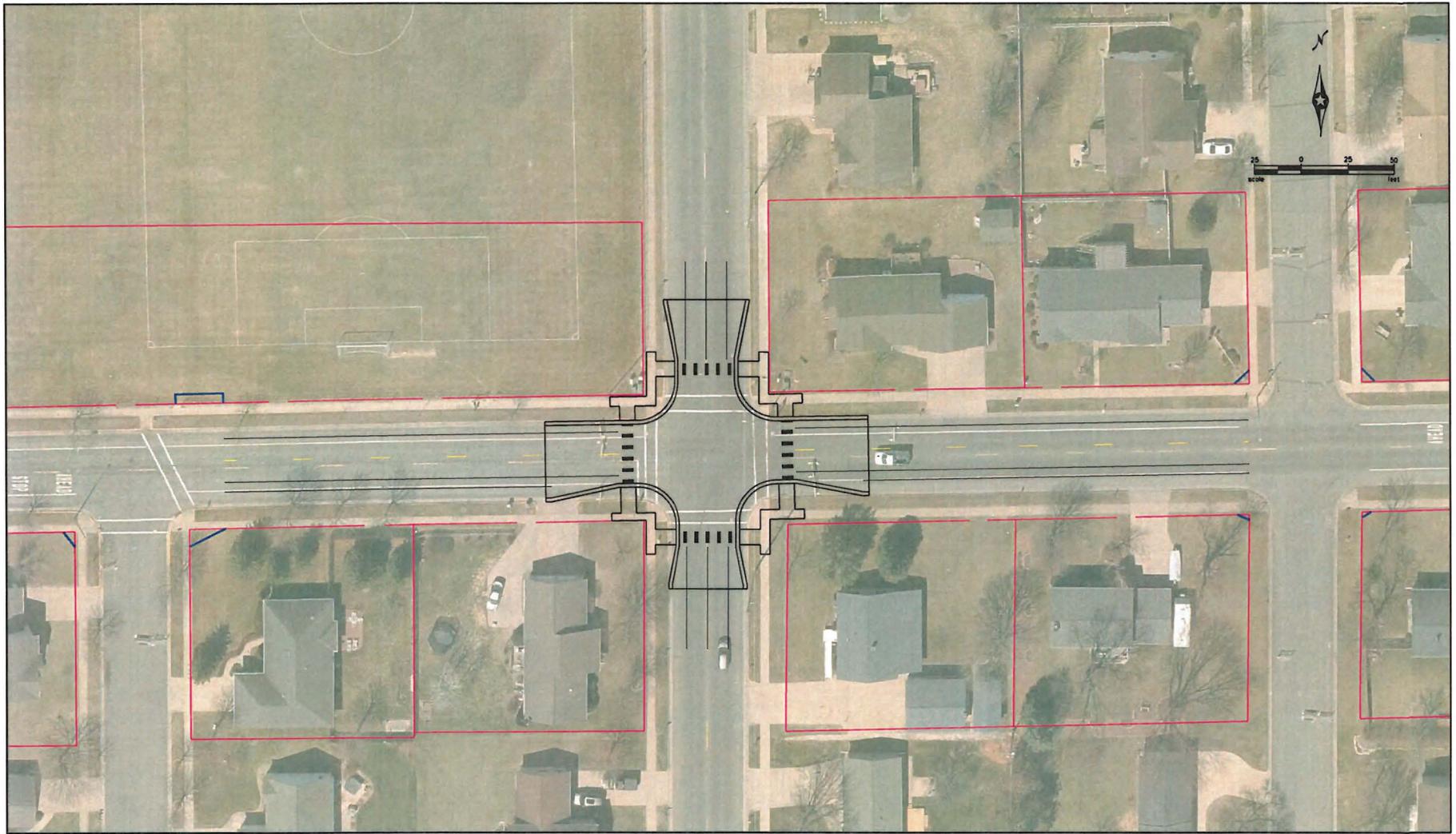
DATE:

RIDERS CLUB RD. / EAST AVE.  
NO BUILD

FIGURE 1

1

6



PROJECT:

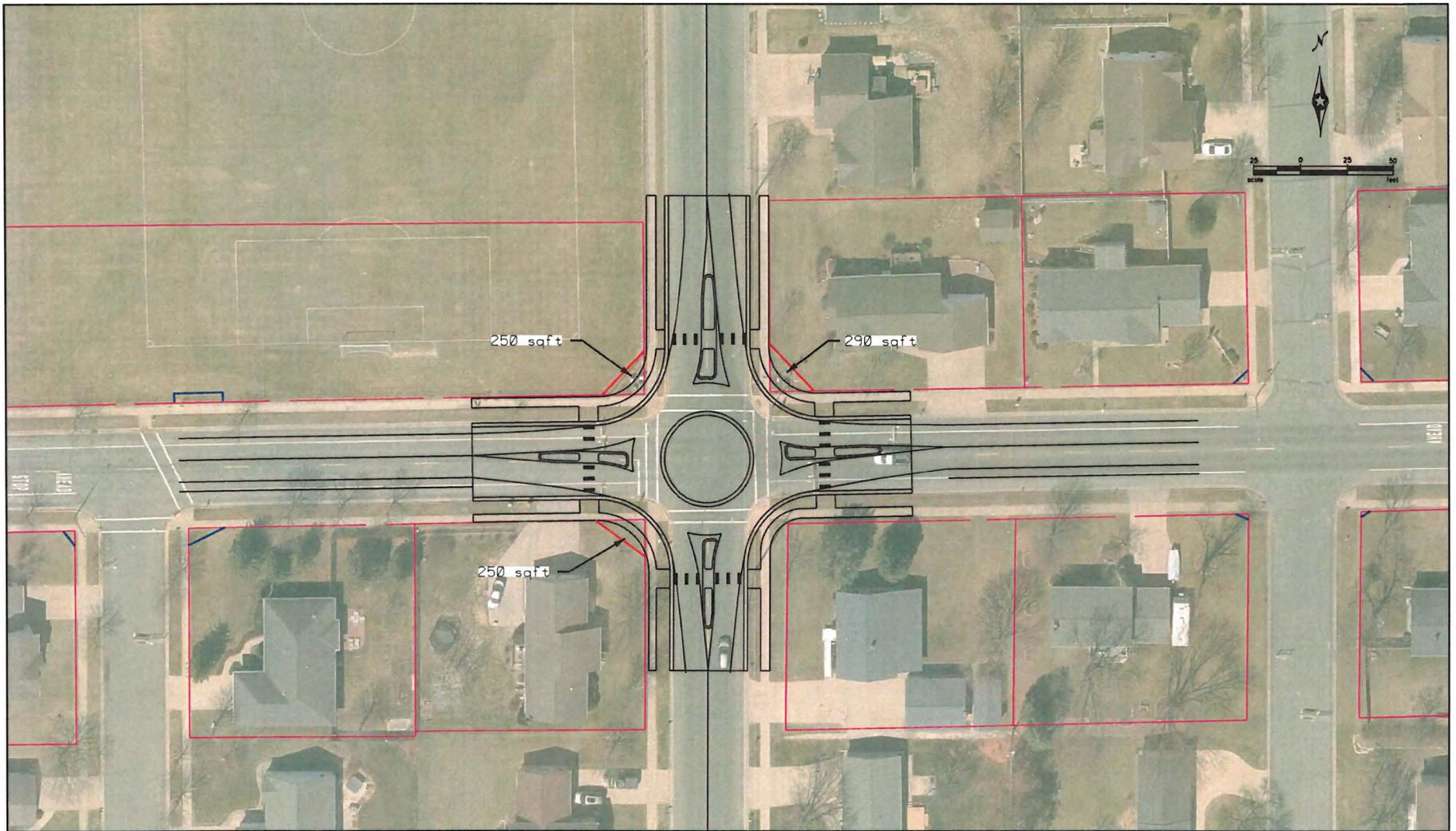
DATE:

RIDERS CLUB RD. / EAST AVE.  
BUMP OUT INTERSECTION

FIGURE 2

2

6



PROJECT:

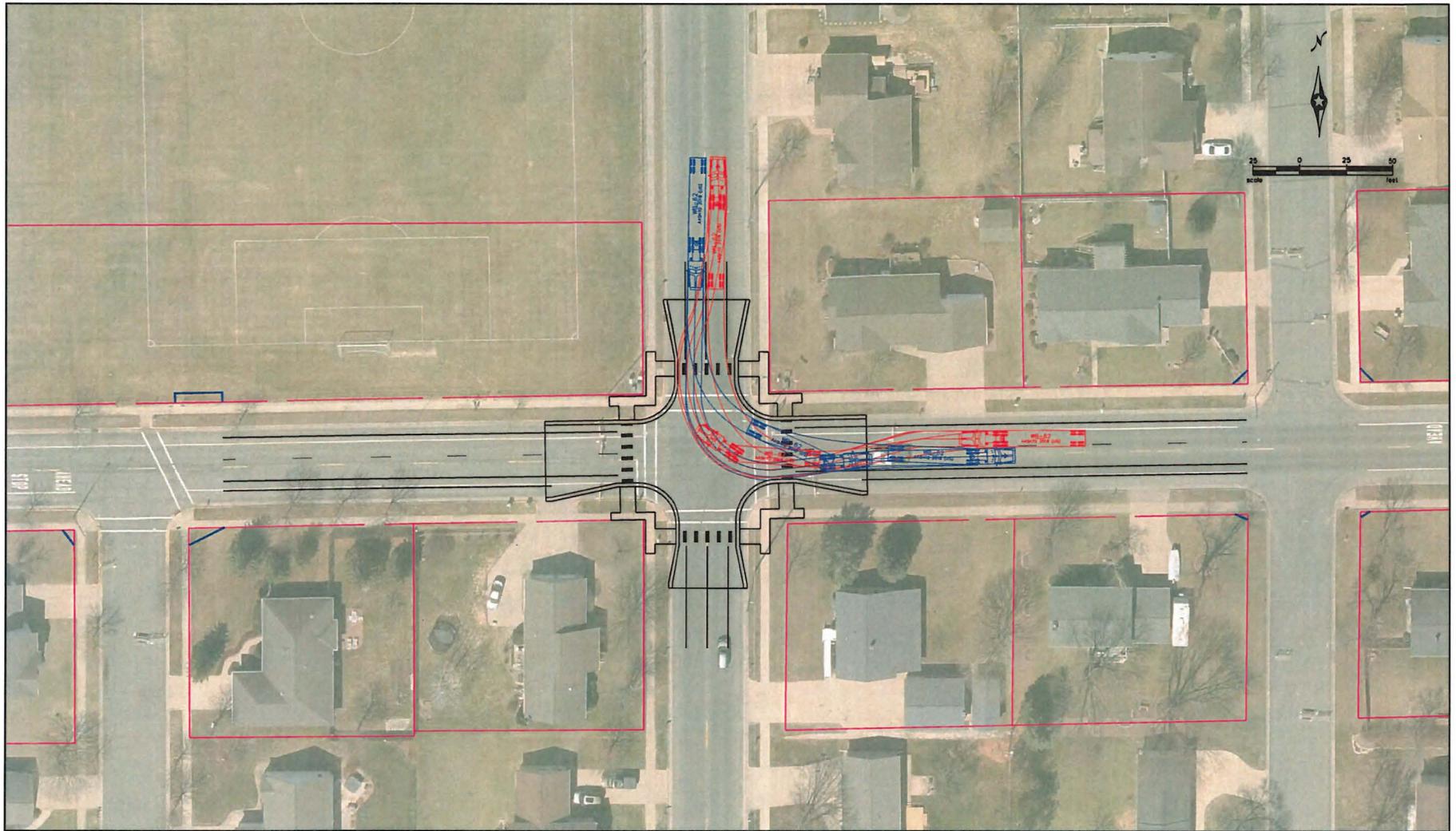
DATE:

RIDERS CLUB RD. / EAST AVE.  
MINI ROUNDABOUT - 86' ICD

FIGURE 3

3

6



PROJECT:

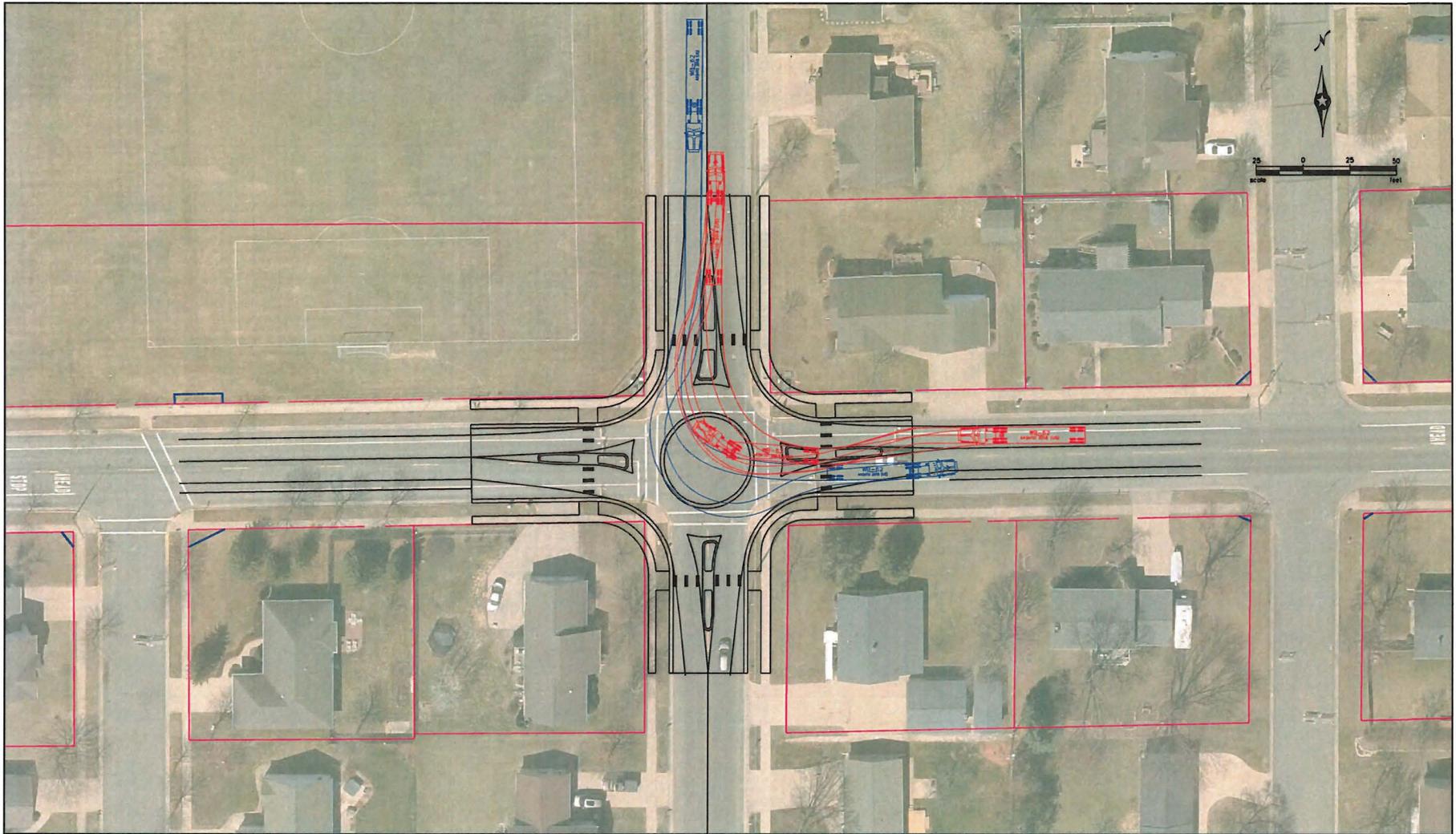
DATE:

RIDERS CLUB RD. / EAST AVE.  
 BUMP OUT INTERSECTION  
 TURN MOVEMENTS - WB-62

FIGURE 4

4

6



PROJECT:

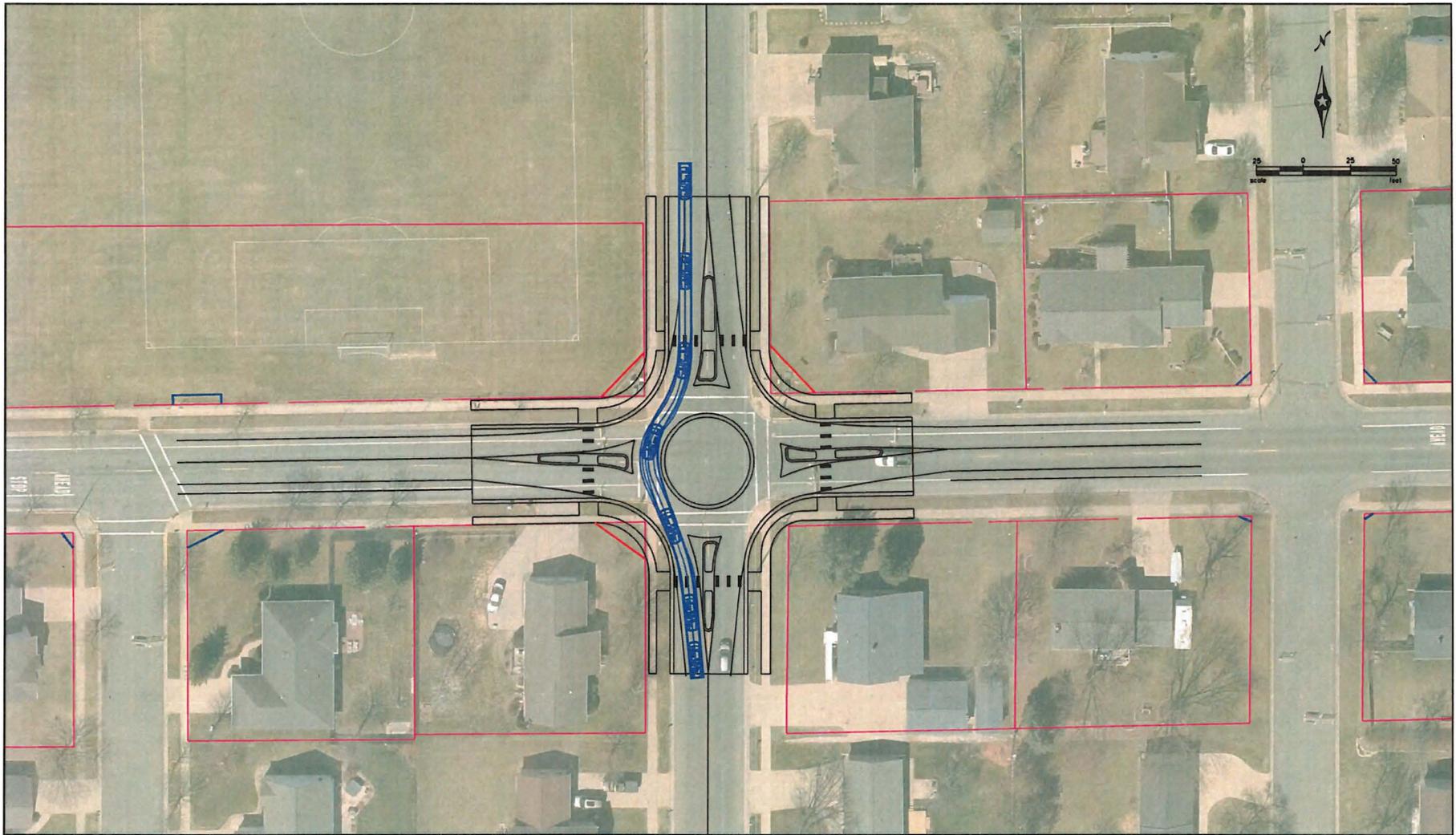
DATE:

RIDERS CLUB RD. / EAST AVE.  
 MINI ROUNDABOUT - 86' ICD  
 TURN MOVEMENTS - WB-62

FIGURE 5

5

6



PROJECT:

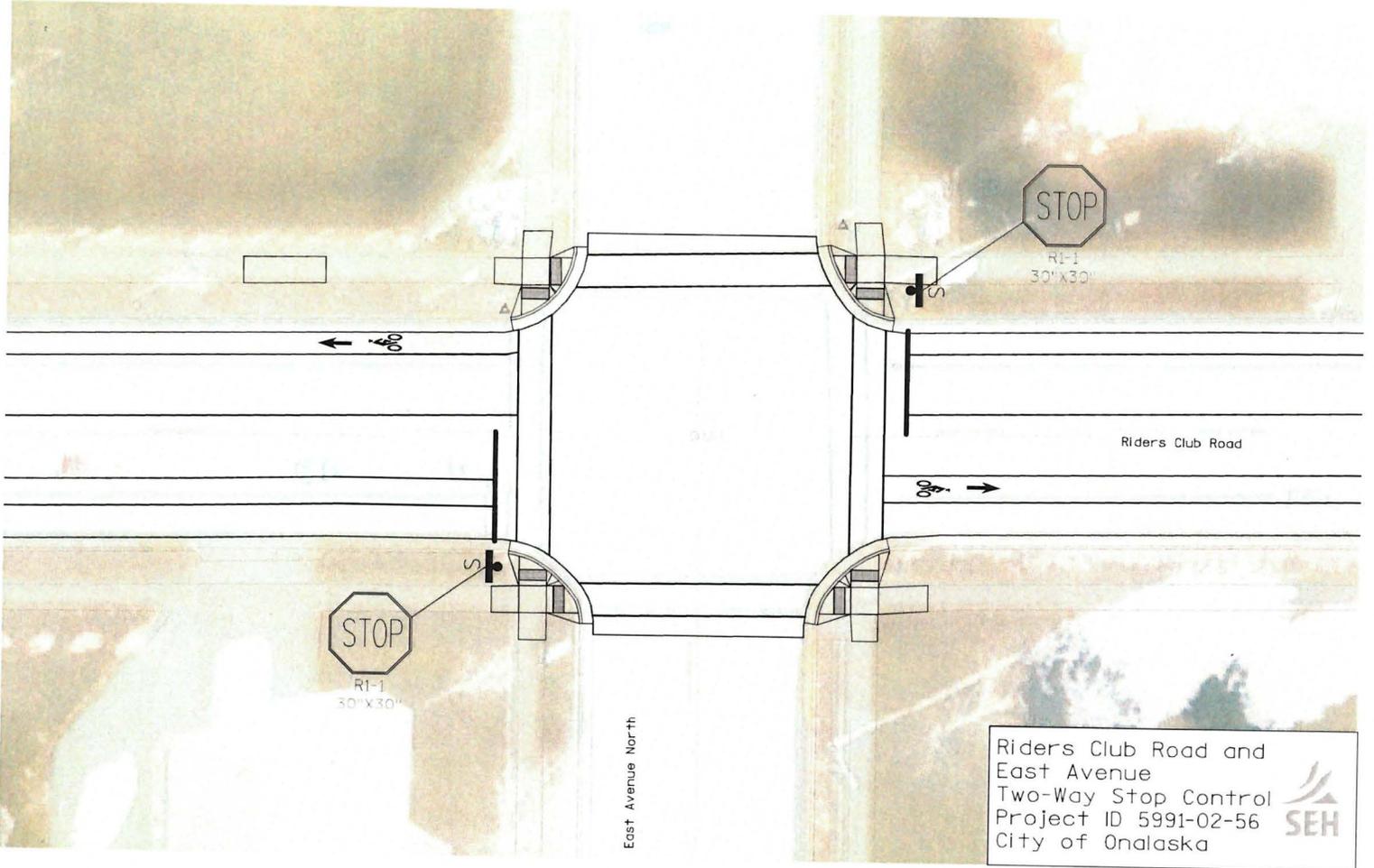
DATE:

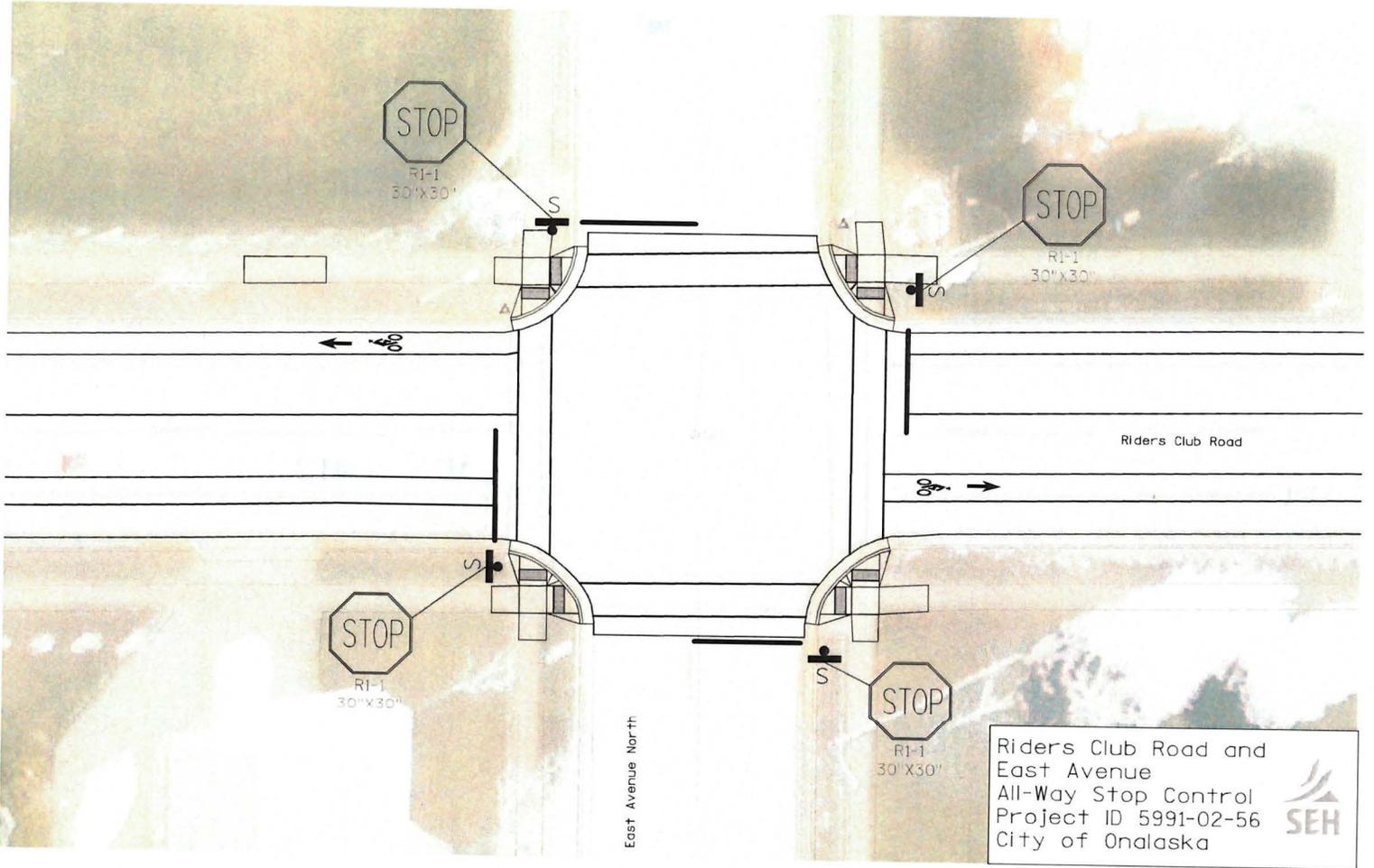
RIDERS CLUB RD. / EAST AVE.  
 MINI ROUNDABOUT - 86' ICD  
 TURN MOVEMENTS - PASSENGER CAR

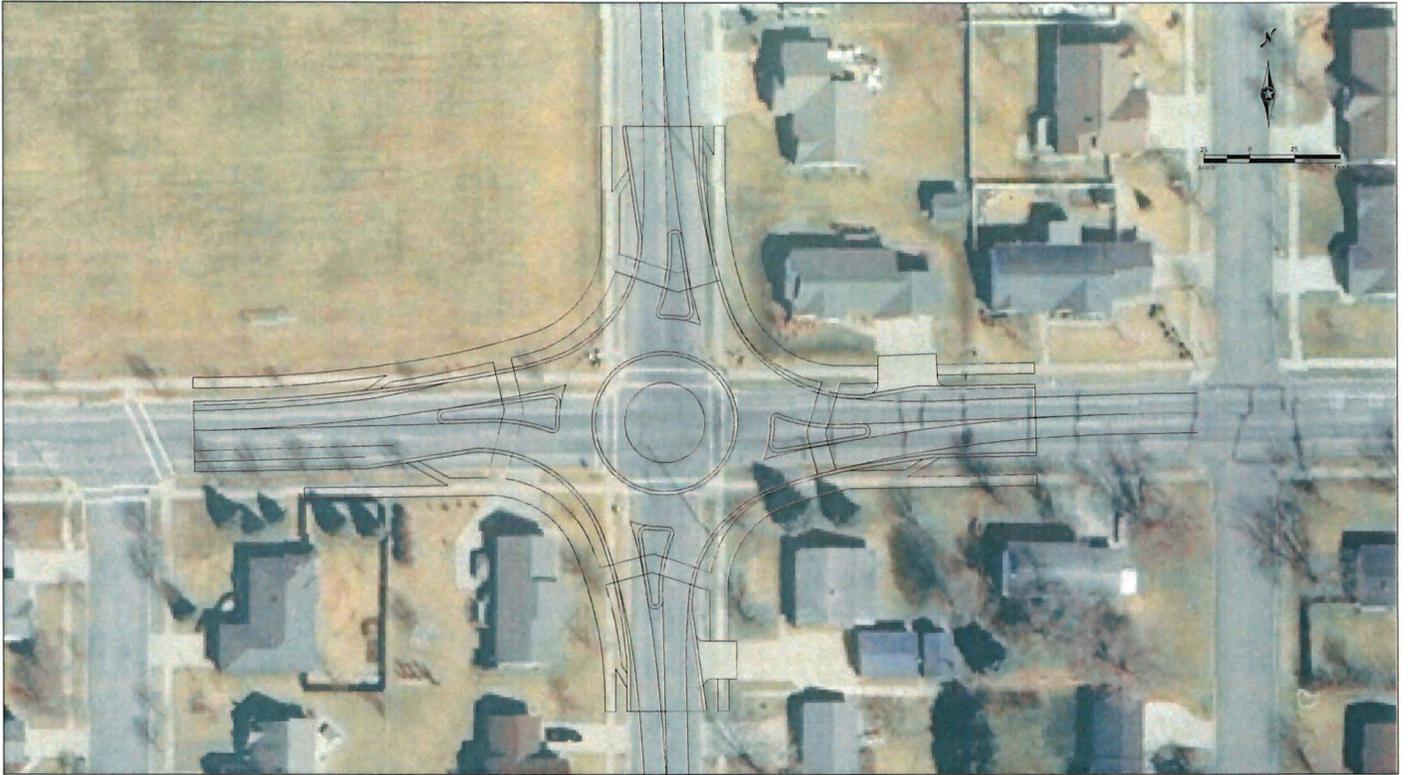
FIGURE 6

6

6







PROJECT:

DATE:

I.C.E. REPORT  
RIDERS CLUB RD. / EAST AVE.  
ROUNDBOUT - 120' ICD

FIGURE 3

3

4

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #9

Project/Item Name: Vacuum sweeper

Location: Citywide

Requested Action: Approval of sweeper purchase

Staff Report/Description: Included within the 2019 C/P budget was the purchase of a replacement street sweeper. Staff has reviewed sweepers and a recommendation to purchase is in the Director of Public works memo attached.

Attachments: Quotes and staff memo's



# MEMORANDUM

## PUBLIC WORKS DEPARTMENT

TO: Board of Public Works

FROM: Jarrod Holter, City Engineer/Director of Public Works *yh*

DATE: August 27, 2019

CC:

RE: Street sweeper purchase

A new vacuum street sweeper was included within the approved 2019 Capital Improvements budget at an amount of \$250,000. Staff has been reviewing many models over the past six months and has come to a recommendation to purchase a Schwarze HyperVAC. I have attached documentation from City Mechanic, Jim Hansen, on why City staff feels this is the best unit for the City.

I have attached quotes for a new Schwarze and Johnston vacuum sweepers for comparison along with a quote for a demonstration Schwarze HyperVAC unit. City staff has reviewed the quotes and feel the quote for demonstration unit will fill the needs staff outlined for a new sweeper but still be the most cost effective option. New sweeper units have been quoted in the \$275,000 range with a demonstration unit at \$230,000. Including a \$20,000 trade allowance, for the current City vacuum sweeper, a total cost of \$209,955 would be incurred for the demonstration unit. The demonstration unit has 13 hours on the sweeping motor/system and approximately 5,000 highway miles on the chassis.

City staff feel the demonstration unit is a cost effective purchase and would like to pursue it as soon as possible to ensure another municipality does not purchase it. I am recommending the purchase of the HyperVAC demonstration street sweeper as outlined above. If you have any further questions please contact me.

Jarrood,

For the past couple of months, we have been testing street sweepers. We have tested Global V6Air, Johnston VT652, Tymco 600, Vacall, Elgin Crosswind and Whirlwind, Swhwarze HyperVAC, and A9 Monsoon. After testing and discussing with the group, we have chosen the Swhwarze HyperVAC because of its innovative center broom design, factory support, construction, and operation. We also chose the Peterbilt Cab over truck right hand steer only because of the leg room in the cab. From a mechanic standpoint, I like the Peterbilt cab because they run a PACAR engine which is a Cummins with a different paint job. We have multiple engines in the fleet that are the same which also helps with maintenance and repair of them. The center brooms have a longer run time on them compared to the traditional round broom, which will save on broom cost and down time. The sweeper engine is a John Deere that is tried and true with a 5-year warranty and a local dealer. The knowledge from the factory Rep and dealer was the best by far the best. They will pay for 2 of Onalaska employees to be factory trained and able to do Swhwarze warranty repair in house, saving us on down time. They will pay labor time on the repairs which we can use for a credit on replacement brooms. Also, they have people here to train the operators how to run it. The only disadvantages to this sweeper in the rear door size and rear water tank placement, that has been redesigned for to add clearance incase the truck has to be towed.

Since only one has been sold in Wisconsin, I called the city of Waukesha to ask for feedback on their HyperVAC. On August 15, 2019, I talked to John, the fleet superintendent for the city of Waukesha WI in regard to the 2018 Schwarze HyperVAC they took delivery on in mid-June. The conversation was positive about the sweeper; here are the topics of conversation: Customer support has been great. For example, they had a problem on a Friday at 3:00pm and had it resolved by Schwarze that day. Schwarze has made modifications to the sweeper to meet their needs; they removed the rear tank and added a larger center tank which lengthened the truck by 2 feet. By doing this, one of the brooms doesn't line up like it should and sometimes they will leave a trail of rocks. John said this is because of the modification they asked for and the original design did not have any trailing problems. They bent a wheel on the pick-up head and told R.N.O.W. it was their mistake, surprisingly they had the new wheel the next day with no charge. John said he would buy another HyperVAC but would want to find a way to gain the 2 feet back they added. The 2 reasons they moved the tank is because they couldn't tow the sweeper if it broke down, because of ground clearance. They also felt the tank was in a vulnerable spot. The City of Waukesha tested all the sweeper manufacturers last year with different material and the 2 sweepers they narrowed selection to were the Swhwarze HyperVAC and the Elgin Whirlwind. The Swhwarze won because it swept millings on the road in one pass while the Elgin struggled with the same task, and the price was less.

Thanks,

Jim Hansen



# QUOTATION

Quote Number: 2019-4224  
Quote Date: Aug 19, 2019  
Page: 1

R.N.O.W., Inc.  
8636R West National Avenue  
West Allis, WI 53227

- DEMO -

Voice: 414-541-5700  
Fax: 414-543-9797

**Quoted To:**  
CITY OF ONALASKA  
415 MAIN STREET  
ONALASKA, WI 54650  
U.S.A.

Accepted By: \_\_\_\_\_  
Sign above to accept quotation and place order

Customer Fax: 608-781-9506

Customer ID	Good Thru	Payment Terms	Sales Rep
ONALASKA, WI	9/18/19	DUE ON DELIVERY	JAS

Quantity	Item	Description	Unit Price	Amount
1.00	PETERBILT CHAS RENT	Peterbilt 220 33K 220HP RH Steer '18 ----- CHASSIS WARRANTY INCLUDED ----- - Vehicle warranty = 12 months/100,000 miles. - Engine warranty = 2 yr - Allison Transmission = 2 yr Dana Rear Axle = 2 yr - Cab structure, frame rails & cross members warranty = 12 months/100,000 miles - Cab corrosion, warranty = 36 months/unlimited miles -----	89,770.00	89,770.00
1.00	S-HYPERVAC-R	SCHWARZE HYPERVAC SWEEPER PURE VACUUM AIR SWEEPER - 115HP John Deere Tier IVF - Standard Left and Right Sweep Nozzles - Standard steel bristles - 10 point remote grease manifold - 360 Degree Brigade Camera System - Water Tank, Standard 250G	187,685.00	187,685.00

Thank you for the opportunity to quote

SUBMITTED BY   
Steven D. Krall  
President

Subtotal	Continued
Sales Tax	Continued
Freight	
<b>TOTAL</b>	<b>Continued</b>



# QUOTATION

Quote Number: 2019-4224  
 Quote Date: Aug 19, 2019  
 Page: 2

R.N.O.W., Inc.  
 8636R West National Avenue  
 West Allis, WI 53227

Voice: 414-541-5700  
 Fax: 414-543-9797

**Quoted To:**  
 CITY OF ONALASKA  
 415 MAIN STREET  
 ONALASKA, WI 54650  
 U.S.A.

Accepted By: \_\_\_\_\_  
 Sign above to accept quotation and place order

Customer Fax: 608-781-9506

Customer ID	Good Thru	Payment Terms	Sales Rep
ONALASKA, WI	9/18/19	DUE ON DELIVERY	JAS

Quantity	Item	Description	Unit Price	Amount
		- High Pressure Washdown W/ 50' Hose Reel - Hopper, Standard (7.8 CuYd) High Strength Stainless Steel - Hopper Drain - None - Hopper Sound Suppression - Hopper Dump Assist Shaker - Hand Hose, 8" Power Boom (Remote Engine Throttle Included) - Hopper Deluge, Conical Spray - Strobe, Rear W/Guard LED (Std) 1 ea - Arrowboard, Traffic Guide, LED - Paint, Standard White to Match Cab - Locate Dump Switches to the RH Side Behind Cab ----- BODY WARRANTY INCLUDED ----- - 2 year Schwarze Body Warranty Included - 5 year John Deere Warranty Auxiliary Engine - 5 & 2 year hydraulics warranty - Lifetime Hopper Corrosion Warranty		

**Thank you for the opportunity to quote**

SUBMITTED BY   
 Steven D. Krall  
 President

Subtotal	Continued
Sales Tax	Continued
Freight	
<b>TOTAL</b>	<b>Continued</b>



**R.N.O.W., Inc.**  
 8636R West National Avenue  
 West Allis, WI 53227

# QUOTATION

Quote Number: 2019-4224  
 Quote Date: Aug 19, 2019  
 Page: 3

Voice: 414-541-5700  
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 CITY OF ONALASKA  
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Accepted By: \_\_\_\_\_  
 Sign above to accept quotation and place order

Customer Fax: 608-781-9506

Customer ID	Good Thru	Payment Terms	Sales Rep
ONALASKA, WI	9/18/19	DUE ON DELIVERY	JAS

Quantity	Item	Description	Unit Price	Amount
		----- FACTORY MECHANICS TRAINING INCLUDED ----- - Training for (2) Mechanics at Schwarze Factory for each machine purchased. Two day training including classroom fees, airfare, hotel, and per diem ----- DISCOUNTS APPLIED ----- - NEW CUSTOMER DISCOUNT - DEMONSTRATOR DISCOUNT APPLIED - FACTORY ADDITIONAL CONCESSION APPLIED ----- TRADE IN ----- 1.00 TRADE IN TRADE IN - 2008 GMC with Allianz VT650 ----- PARTS CREDIT ----- 1.00 CITY OF ONALASKA WILL ALSO -----		
			47,500.00	-47,500.00
			20,000.00	-20,000.00

**Thank you for the opportunity to quote**

SUBMITTED BY   
 Steven D. Krall  
 President

Subtotal	Continued
Sales Tax	Continued
Freight	
<b>TOTAL</b>	<b>Continued</b>





**R.N.O.W., Inc.**  
 8636R West National Avenue  
 West Allis, WI 53227

# QUOTATION

Quote Number: 2019-4228  
 Quote Date: Aug 19, 2019  
 Page: 1

Voice: 414-541-5700  
 Fax: 414-543-9797

*- NEW -*

**Quoted To:**  
 CITY OF ONALASKA  
 415 MAIN STREET  
 ONALASKA, WI 54650  
 U.S.A.

Accepted By: \_\_\_\_\_  
 Sign above to accept quotation and place order

Customer Fax: 608-781-9506

Customer ID	Good Thru	Payment Terms	Sales Rep
ONALASKA, WI	9/18/19	DUE ON DELIVERY	JAS

Quantity	Item	Description	Unit Price	Amount
1.00	PETERBILT CHAS RENT	Peterbilt 220 33K 220HP RH Steer 2019/2020 ----- CHASSIS WARRANTY INCLUDED ----- - Vehicle warranty = 12 months/100,000 miles. - Engine warranty = 2 yr - Allison Transmission = 2 yr Dana Rear Axle = 2 yr - Cab structure, frame rails & cross members warranty = 12 months/100,000 miles - Cab corrosion, warranty = 36 months/unlimited miles -----	92,550.00	92,550.00
1.00	S-HYPERVAC-R	SCHWARZE HYPERVAC SWEEPER PURE VACUUM AIR SWEEPER - 134HP John Deere Tier IVF - Standard Left and Right Sweep Nozzles - Standard steel bristles - 10 point remote grease manifold - Rear Vision Camera and Two Pick Up	193,750.00	193,750.00

**Thank you for the opportunity to quote**

**SUBMITTED BY**   
 Steven D. Krall  
 President

Subtotal	Continued
Sales Tax	Continued
Freight	
<b>TOTAL</b>	<b>Continued</b>



**R.N.O.W., Inc.**  
 8636R West National Avenue  
 West Allis, WI 53227

# QUOTATION

Quote Number: 2019-4228  
 Quote Date: Aug 19, 2019  
 Page: 2

Voice: 414-541-5700  
 Fax: 414-543-9797

**Quoted To:**  
 CITY OF ONALASKA  
 415 MAIN STREET  
 ONALASKA, WI 54650  
 U.S.A.

Accepted By: \_\_\_\_\_  
 Sign above to accept quotation and place order

Customer Fax: 608-781-9506

Customer ID	Good Thru	Payment Terms	Sales Rep
ONALASKA, WI	9/18/19	DUE ON DELIVERY	JAS

Quantity	Item	Description	Unit Price	Amount
		Head Cameras - Water Tank, Standard 250G - High Pressure Washdown W/ 50' Hose Reel - Hopper, Standard (7.8 CuYd) High Strength Stainless Steel - Remote Drop Down Screen - Hopper Drain - None - Hopper Sound Suppression - Hopper Dump Assist Shaker - Hand Hose, 8" Power Boom (Remote Engine Throttle Included) - Hopper Deluge, Conical Spray - Hopper Dump Switches Exterior Right Side - Strobe, Rear W/Guard LED (Std) 1 ea - Arrowboard, Traffic Guide, LED - Paint, Standard White to Match Cab ----- BODY WARRANTY INCLUDED ----- - 1 year Schwarze Body Warranty Included - 5 year John Deere Warranty Auxiliary Engine		

**Thank you for the opportunity to quote**

**SUBMITTED BY**   
 Steven D. Krall  
 President

Subtotal	Continued
Sales Tax	Continued
Freight	
<b>TOTAL</b>	<b>Continued</b>



R.N.O.W., Inc.  
 8636R West National Avenue  
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# QUOTATION

Quote Number: 2019-4228  
 Quote Date: Aug 19, 2019  
 Page: 3

Voice: 414-541-5700  
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Accepted By: \_\_\_\_\_  
 Sign above to accept quotation and place order

Customer Fax: 608-781-9506

Customer ID	Good Thru	Payment Terms	Sales Rep
ONALASKA, WI	9/18/19	DUE ON DELIVERY	JAS

Quantity	Item	Description	Unit Price	Amount
1.00	DISCOUNT	- 5 & 2 year hydraulics warranty - Lifetime Hopper Corrosion Warranty ----- FACTORY MECHANICS TRAINING INCLUDED ----- - Training for (2) Mechanics at Schwarze Factory for each machine purchased. Two day training including classroom fees, airfare, hotel, and per diem ----- DISCOUNTS APPLIED ----- NEW CUSTOMER DISCOUNT GIVEN	15,000.00	-15,000.00

Thank you for the opportunity to quote

SUBMITTED BY   
 Steven D. Krall  
 President

Subtotal	271,300.00
Sales Tax	
Freight	
<b>TOTAL</b>	<b>271,300.00</b>

NEW



The People You Know. The Products You Trust.



# Schwarze HyperVAC™

7.8 Cubic Yard PURE VACUUM Sweeper

\*Sweeper shown with optional equipment

Authorized Dealer



**R.N.O.W., Inc.**  
8636R W. National Avenue  
West Allis, WI 53227  
414-541-5700  
www.rnow-inc.com

- Extra Large Sweeping Path
- Dual Vacuum Sweeping Heads
- Advanced Full-Width Surface Scrubbing
- Eliminates Transfer Broom Carry-Over

				
Quality	Performance	Public Safety	Value	Customer Support

800.879.7933

www.schwarze.com

# HyperVAC™

## 7.8 Cubic Yard Pure Vacuum Street Sweeper



Daily Maintenance Access Door

7.8 Cubic Yard Hopper

Three-Fold Dust Separator

Liquid-tight Inspection Door  
Backup Camera

Hardox Steel Fan

Replaceable Fan Liner

Balanced to 1.5 Grams

Double Wire Braid Hydraulic Hoses

EPA Tier 4 Final Engine

Sweeper-Sense™ Controls  
Color LCD Display  
Reduced Noise Levels

12" Nozzle Hoses

Dual Sweeping Nozzles

Revolutionary Material Transfer System

Surface Scrubbing Technology

Large Side Mounted Toolboxes

39" Recessed Side Brooms

After Pump Water Filter



MADE IN THE USA

\*Optional Equipment Shown

New material transfer system with surface contouring broom array eliminates the need for tube broom

Easy to use Sweeper-Sense™ control system allows for automatic switching from left to right sweep.

### MUST HAVE OPTIONS

#### INCREASED WATER

Extra 350 gallon polyethylene water tank

#### POWERFUL CATCH BASIN CLEANING

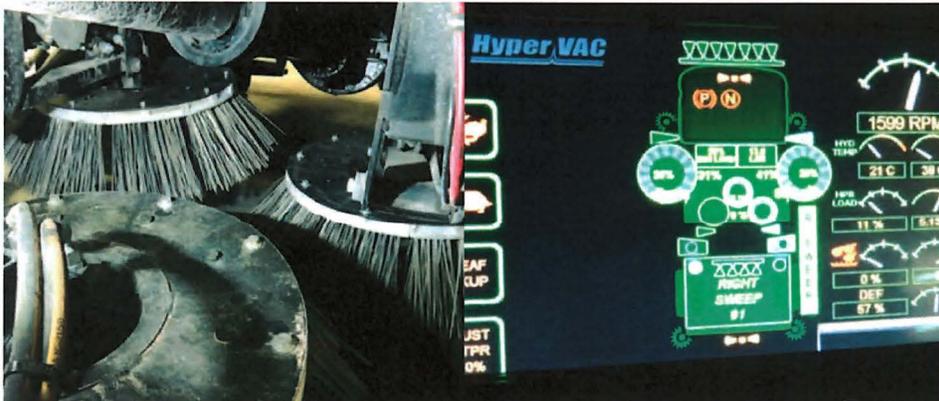
Choose the most powerful catch basin cleaning option in the industry

#### CLEANING DONE EASY

Add the Schwarze Hopper Deluge for high pressure sweeper body cleaning

#### DUMP ASSIST

Add a hopper shaker for even more effective hopper debris removal



Large 39" recessed digger side brooms with Schwarze GEO™

Self cleaning full hopper length three-fold dust-laden air separator

Large water filter after the pump protects valves and nozzles from clogging



Easy access toolboxes

Daily maintenance access door





## VALUE

We are dedicated to satisfying our customers by providing the most advanced training for their specific needs. Our training programs are designed to help operators of all skill levels learn the best operating practices for their Schwarze equipment.



## PERFORMANCE

There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology, but doesn't always have to be. Some of our best ideas have been simple, based on a clear and deep understanding of our customers' working lives.



## QUALITY

In a Schwarze product, end user concerns like fuel efficiency, serviceability, durability, purchase cost, service cost, etc. are all taken into account. We also consider the needs and strive for ease of use and application optimization. It should be obvious, because when it comes to cost of ownership, quality pays.



## PUBLIC SAFETY

No other name speaks safety louder than Schwarze. Protecting operators, those around them, and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.



## CUSTOMER SUPPORT

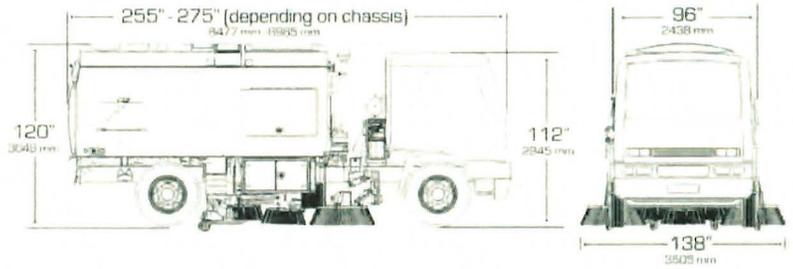
Being a Schwarze customer means having a complete set of services at your fingertips. Schwarze can offer you a long-term relationship, protect your revenue and provide a full range of customer solutions, delivered by passionate people. At Schwarze, we don't see effective service and support just as an added value to your purchase, but as an integral part of it.



Also Available from Schwarze Industries, Inc:



# Schwarze HyperVAC



\*TYPICAL MEASUREMENTS SHOWN. EXACT DIMENSIONS DEPENDING ON OPTIONS AND TRUCK MANUFACTURER

## SWEEPING PATH

Suction nozzle only	28 in. (813 mm)
Suction nozzle, transfer brooms and one side broom	108 in. (2743 mm)
Dual suction nozzles, dual side brooms and transfer brooms	138 in. (3505 mm)

## CHASSIS

Mounts on various chassis to meet requirements

## SWEEPER BODY

Construction	Welded 10-gauge stainless steel plate
Safety props	Dual steel bars under body

## INSTRUMENTATION

Auxiliary engine	Flat panel display; tachometer; hourmeter; voltmeter; temperature gauge; oil pressure gauge; warning icons
------------------	--

## AUXILIARY ENGINE

Model/type	4045T in-line 4 cylinder
Aspiration	Tier 4 turbo-charged diesel
Manufacturer	John Deere
Displacement	275cu in (4.5 L) Brake
horsepower	134hp (10 kw) @ 2400 rpm
Torque	398ft. lb (540 Nm) @1600 rpm
Air cleaner	Centrifugal precleaner; dry type with safety element and restriction indicator
Oil filter	Full-flow/spin-on
Stroke	5 in (127 mm)
Bore	4.20 in (106 mm)
Compression ratio	19 to 1
Safety shutdown	Three-point automatic
Throttle control	Electronic

## ELECTRICAL SYSTEM

Voltage	12 V
Sweeper engine alternator	90 amp

## DUST SUPPRESSION SYSTEM

Type	Positive displacement diaphragm
Capacity	250 gal (946 L)
Tank construction	Polyethylene
Filter	50 mesh; cleanable
Fill diameter	2.5 in (63.5 mm)
Fill hose	25 ft (7620 mm)
Controls	Electric; in-cab
Water level gauge	In-cab

Affiliates:



## FAN SYSTEM

Type	Closed-face radial
Drive	Direct via 5 groove; banded power belt
Construction	Hardox steel
Balance	1.5 g on 2 sides
Diameter	32.75 in (832 mm)
Housing lining	Bolt-in corded rubber
Mounting	2 regreaseable sealed bearings

## SUCTION NOZZLES

Type	Tow bar
Operating direction	Forward with lift in reverse
Suspension	Caster wheel
Nozzle area	250 sq in (2032 mm)
Suction hose diameter	12" (305 mm)
Hose construction	Wire-reinforced, 3/8" (9.5mm) thick molded rubber
Reach	8" (200mm) beyond tire
Leaf/litter door	Pneumatic with adjustable timer
Controls	Pneumatic raise and lower
Construction	Abrasion-resistant steel with corded rubber seal flaps.

## SIDE BROOMS

Type	Vertical steel digger
Location	Right; left; forward of pickup head
Diameter	39" (1118 mm)
Drive	Hydraulic
Suspension	Air float
Wear adjustment	Automatic
Pressure	In-cab pneumatic adjustable
Speed	Variable; non-reversing
Segments	4 per side; disposable
Tilt angle adjustment	In-cab controls



## TRANSFER SCRUBBING BROOMS

Type	Vertical Steel digger
Quantity	3
Size	28"
Drive	Hydraulic
Suspension	Air float
Wear adjustment	Automatic
Lift	Air cylinder

## DEBRIS HOPPER

Volumetric capacity	7.8 cu yd (6.0 cu m)
Usable capacity	7.0 cu yd (5.4 cu m)
Dump angle	46 degrees
Floor angle	3 degrees
Lifting	Twin hydraulic cylinders
Hopper dump door	Hydraulic open, close, lock
Inspection doors	1 on each side
Hopper Dump height	45 in (1143 mm)
Debris screens	Drop down for cleaning

## HYDRAULIC SYSTEM

Type	Variable displacement
Pump capacity	34 gpm 129 lpm @ 2200 rpm
Drive	Belt
Maximum pressure	2750 psi (190 bar)
Reservoir	25 gal (94 L)
Filter	10 micron; in-tank pressure relief valve
Controls	Electro-hydraulic

## AUXILIARY HYDRAULIC SYSTEM

Type	Gear type; driven by 12v electric motor
Function	Lower hopper; open/close hopper door; raise brooms & pickup head

## PAINT

One coat of sealer/primer and two coats of Imron® Elite polyurethane in standard white color

Note: Design and specifications subject to change without notice.

\*Ask us about our optional:



© 2018 Schwarze Industries  
1055 Jordan Road  
Huntsville, AL 35811  
800.879.7933  
An Alamo-Group Company





19750 Edgewood Dr  
 Lannon, WI 53046  
 T: 800-381-9134  
 F: 262-264-0725  
 E: support@envirotechequipment.net

Quote No. 19-0011097

Date: 7/11/2019  
 Terms: Net 30  
 Delivery: UPS Ground  
 FOB:

**Customer**  
 City of Onalaska  
 Utility Department  
 Attn: Accounts Payable  
 415 Main St

Item	Ordered	Description	Price	Total
System	1	2020 Johnston VT652 Pure Vac Sweeper w/SportChasis Dualization	261,935.00	261,935.00

**Providing Customer Satisfaction  
 Through Trusted Partnerships**

*Note: Any and all shipping and sales tax will be added to this invoice.*

<b>\$275,185.00</b>
Tax ()
<b>\$275,185.00</b>



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Date: 7/11/2019  
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Item	Ordered	Description	Price	Total
		2020 International, 4300 M7, Conventional Chassis, Cummins ISB 6.7 220 HP Engine with EPA GHG17 Emissions. Sports Chassis Dualization - Freightliner Chassis ONLY - Independent LH/RH steering boxes with mirrored dash and gauge clusters. Each driver position has identical controls that consist of only Freightliner OEM components. Cul de sac assist (additional 6" of sweep path) Dual Gutter Brooms with Pneumatic Flaps JCB Ecomax Tier 4 Final 125HP 93kW @2200 RPM Requires EN690 (or equivalent) Ultra-low Sulphur fuels. Gutter Broom In-Cab Tilt Control - Dual Gutter Broom Lateral In-Cab Control - (Dual) available on Dual Sweep VTs only Screen Vibrator - Pneumatic Split Arrow Stick, LED Two (2) Lockable Built-In Hopper Side Storage Lockers: LH & RH 415 Gallon Stainless Steel Water Tank w/ Lifetime Warranty  Remote Ground Level Drains: Engine, Hydraulic, Gearbox Oil & Coolant Four (4) Gutter Broom Water Spray Jets Per Side Bumper Mounted Wide sweep Water Spray Bar with Four (4) Spray Jets Four (4) Internal Water Spray Jets at each Vacuum Nozzle  Remote Grease Zerk for Wide Sweep Pivot Handheld Pendant Wide Sweep Broom Down Pressure Control Inside or Outside Cab Handheld Pendant Dump Controls Electrical Wiring Color and Number Coded Dust Proof Electrical Wiring - IP65 Standards Water Proof Electrical Wiring - IP67 Standards In Cab integrated sweeper controls with data capture and to monitor performance Stainless Steel Hopper Screens 28" Diameter Trailing Arm Design Gutter Brooms with LED Work Lights 16" x 50" Wide sweep Broom "Unhanded" Suction Nozzle & Gutter Broom Assemblies In-Cab Dual Gutter Broom Speed Control In-Cab Gutter Broom Down Pressure Control Master Sweep Control Switch to Start/Stop All Sweeping Functions 20 Gallon Hydraulic Oil Tank Catwalk 60" x 12"		

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 415 Main St

Item	Ordered	Description	Price	Total
		125 Micron Suction & 25 Micron Return Hydraulic Filters Hopper and Water Tank Interconnect Automatic Safety Body Prop with Hands Free Release Turbo III Precleaner for Auxiliary Engine 25' Hydrant Hose with Coupling & Wrench Centralized Weatherproof Systems Locker with Strip LED Light 25 ft. Wash-down Hose Two (2) Rear Mounted LED Strobes with Limb Guards Body Paint Two Part Epoxy Factory White Engine Pack & Sweep Gear Powder Coated Gray 1 each Sweeper Ops Manual & Parts & Service CD - English  Fire Extinguisher 5 Pound Strobe, Amber (Cab Mounted) LED with Limb Guard Engine/Cowl Mounted Worklight LED Work Lights Set of two (Rear mounted) LED Camera Single Rear Vision Displayed on JVM		
System	1	Optional Simultaneous Sweep	1,200.00	1,200.00
System	1	Optional Hopper Body Flush	2,250.00	2,250.00
System	1	Supa Wash 8 gpm, 1500 psi with Handlance, Wide Sweep Broom Spray Bar Rear Mounted & Suction Nozzle Spray Bar Rear Mounted  Price includes Freight and PDI  Price Includes Training  Price does not include License and Registration, etc.	9,800.00	9,800.00

**Providing Customer Satisfaction  
 Through Trusted Partnerships**

*Note: Any and all shipping and sales tax will be added to this invoice.*

Sub-total	\$275,185.00
Tax ( )	0.00
<b>Total</b>	<b>\$275,185.00</b>

*New*



# The Johnston V Range

VT651 VS651

VT801 VS801

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #10

Project/Item Name: End loader bucket

Location: Citywide

Requested Action: Approval of end loader bucket repairs

Staff Report/Description: The current 1996 end loader is in need of major bucket repairs. Staff is proposing to have repairs made and new cutting edge installed at a total cost of \$4,681. This repair was not budgeted but the bucket is in such state that in order to use it the repairs must be performed. The repairs would be funded with funding savings from the purchase of the street sweeper in the 2019 Capital Projects budget.

Attachments: Quotes

Custom Fab and Machine LLC

1600 Miller Street  
LaCrosse, WI 54601

# Quote

Date	Quote #
8/26/2019	1421

Name / Address
City of Onalaska 415 Main Street Onalaska, WI 54650

Rep	Project

Item	Description	Qty	Cost	Total
REPAIRS	<p>Cost to Repair Bucket (Per Instructions)</p> <p>We appreciate the opportunity to quote on this work and hope to be of service to you. Prices are subject to cost and availability of materials at time of purchase. Also, prices may change if variation in quantity and /or prints. This quotation does not include sale tax; if applicable. If you are sales tax exempt we must have a completed Sales Tax Exemption form on file for your company.</p> <p>When placing an order, please refer to the above quote number:</p> <p>***This Quote is good for 7 Days***</p> <p>Al Schultz ~ Custom Fab and Machine, LLC</p>	1	3,500.00	3,500.00

Thank You For The Opportunity To Quote These Items. We Appreciate Your Business!!!	<b>Total</b>	<b>\$3,500.00</b>
---	--------------	-------------------

LA CROSSE  
 N 1626 WUENSCH RD  
 LA CROSSE WI 54601  
 Phone: 608-788-1025  
 Phone: 800-780-1025  
 Fax: 608-788-1027

# TITAN MACHINERY

**Customer:** 6187259  
**Sold To:** CITY OF ONALASKA  
 415 MAIN ST  
 ONALASKA WI 54650-2953

**Ship To:** TITAN MACHINERY  
 N 1626 WUENSCH RD  
 LA CROSSE WI 54601-2643

**Counter Ticket:** 80769 QP      **Date Open:** 08/26/19      **Customer PO:** jim  
**Invoice:**                              **Date Closed:**                              **Tax Code:** Government  
**Sold by:** ALARSON                      **Time:** 14:58:14                      **Status:** Open

Qty	Vendor	Part Number	Description	Bin	Price	Amount
1	ACS	75001249	EDGE KIT		981.06	981.06
1			FREIGHT 2 week delivery		200.00	200.00

CUTTING EDGE

*No return without this invoice. No return on electrical components. 20% restocking charge on return of all special orders. No returns after 30 days. A service charge will be assessed equal to the lesser of 1.5% per month or the maximum rate permitted by law on all delinquent accounts, until paid in full.*

X \_\_\_\_\_  
 Customer Signature

**Phone:** 608-781-9530

**Subtotal**      \$1,181.06  
**Sales Tax**      \_\_\_\_\_  
**Total**              \$1,181.06  
**Payment Due**      \$1,181.06

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #11

Project/Item Name: Green Coulee Intersection

Location: Green Coulee Road and East Main Street

Requested Action: Discussion on project

Staff Report/Description: Public information meeting was held August 22, 2019 to gather input on the Green Coulee intersection. Discussion at the meeting will revolve around the two options of a traffic signal and revised roundabout. The project cost, safety upon completions, access impacts and timelines will be major factor is making a decision on which type of project moves forward.

Attachments: Public Information meeting presentation and comment summary

## Public Involvement Meeting

August 22, 2019, City Hall, Council Chambers

4:30pm – 6:30 pm

Green Coulee and Main Street Intersection Alternatives

**Consultant Attendees:** MSA Professional Services, Inc: Ben Wilkinson, Chad Wagner

**City Staff Attendees:** Jarrod Holter, City Engineer/Director of Public Works  
Kevin Schubert, Assistant City Engineer  
Vicky Bosworth, Clerical Support

**Additional Attendees:** Approximately 60-70 Onalaska residents

### **Notes:**

From approximately 5:00 pm to 5:20 pm Ben Wilkinson gave a brief presentation on the history of the intersection control evaluation process at Main St. and Green Coulee Rd. During this presentation, Ben discussed the pros and cons of converting the existing two-way stop controlled intersection into either a traffic signal or a roundabout. Those in attendance were encouraged to fill out a comment sheet and ask questions.

During, and immediately following the presentation, a question and answer portion was held that lasted until approximately 5:45 pm. After that, the consultant moved to a side room to answer additional questions until approximately 7:00 pm.

### **The following are comments and a vote summary that were received on the response sheets submitted during and after the meeting.**

1. Best value for safety and flow of traffic in and around Green Coulee Rd intersection will be roundabout. Stop light will still cause traffic back up
2. Would be strongly in favor of speeding control or crosswalk lights in the interim. ASAP.
3. Slow the traffic on East Main
4. This is 2 votes: Traffic light will be a problem that causes backups that will impact nearby businesses.
5. Speed up the process to next summer. We have a quarry here and are very opposed to a water tower due to ruining the beauty of Coulee that we pay taxes for and chose our house for. It will ruin our backyard and resale value. Please choose purple reservoir.
6. Pleased with roundabouts efficiency and safety in very busy intersections. Wants mandatory enforcement of speed limits on Main Street if roundabout is installed. Traffic light will be a disappointment.
7. Safety has been a huge issue to non-motorized traffic and pedestrians. Kwik Trip needs to listen to the people they serve and close that driveway.

8. Concern for safety of pedestrian and non-motorized traffic. Wants it to be done right.
9. Another access is needed
10. Roundabout is safest option and better long term solution.
11. Roundabout is safest option and better long term solution.
12. Speeding is the problem. Roundabout will slow the traffic. Main Street traffic is the problem.  
Traffic light will hold traffic up.
13. Do roundabout #5. About time the city listens to residents.
14. Quickly as possible.
15. Safety is biggest concern.
16. Wants WB right turn lane onto 53 extended to Green Coulee.
17. Roundabout is probably safest and most effective. Doing nothing is not a viable option.
18. Would favor roundabout if it could happen next year.
19. Prefer roundabout but people don't know how to use them so feels like it will still create traffic problems. Lights are straight forward to use.
20. Sooner the better.
21. I don't like roundabouts.
22. Favors traffic signal first but supports either option. Kwik Trip is in a poor location. Speeders on Main Street are the problem. Wants speed control bumps.
23. Concerned for safety of non-motorized traffic and pedestrians within the roundabout option.
24. Can't justify an additional \$750,000 for a limited improvement in traffic and a negligible impact on safety.
25. The roundabout is a bad idea. Please put in the light next year. Do something!
26. Please consider forcing WB traffic to line up in proper lane.
27. Thanks everyone!
28. Wants Kwik Trip to stay and feels a roundabout is best for that. But also likes how a light could guarantee exiting traffic it's turn.
29. 26 Response forms with circled votes (no comments) only

Summary of Votes		
Are you supportive of intersection improvements:	Yes	53
	No	2
Which type of Intersection do you prefer:	Roundabout:	33
	Traffic Signal:	11
	Either one:	10
Supportive of City Funding:	Lowest Cost and Quickest to Complete:	11
	Highest Value regardless of cost and time to complete:	41

# Green Coulee Road Intersection Evaluation



Ben Wilkinson, PE



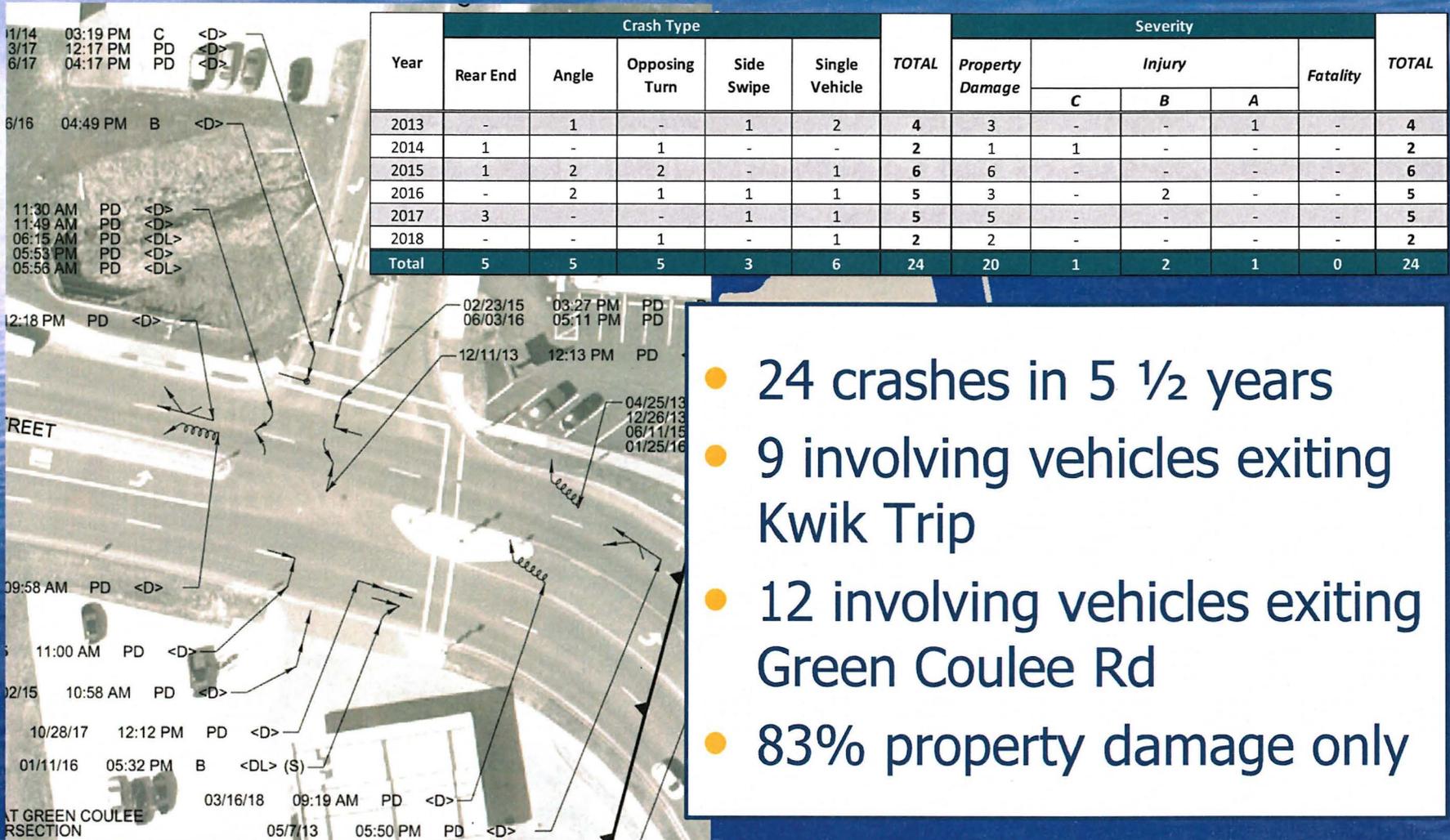
**MSA**

EST. 1851

# Study Area



# Crash History (JAN '13–JUL '18)



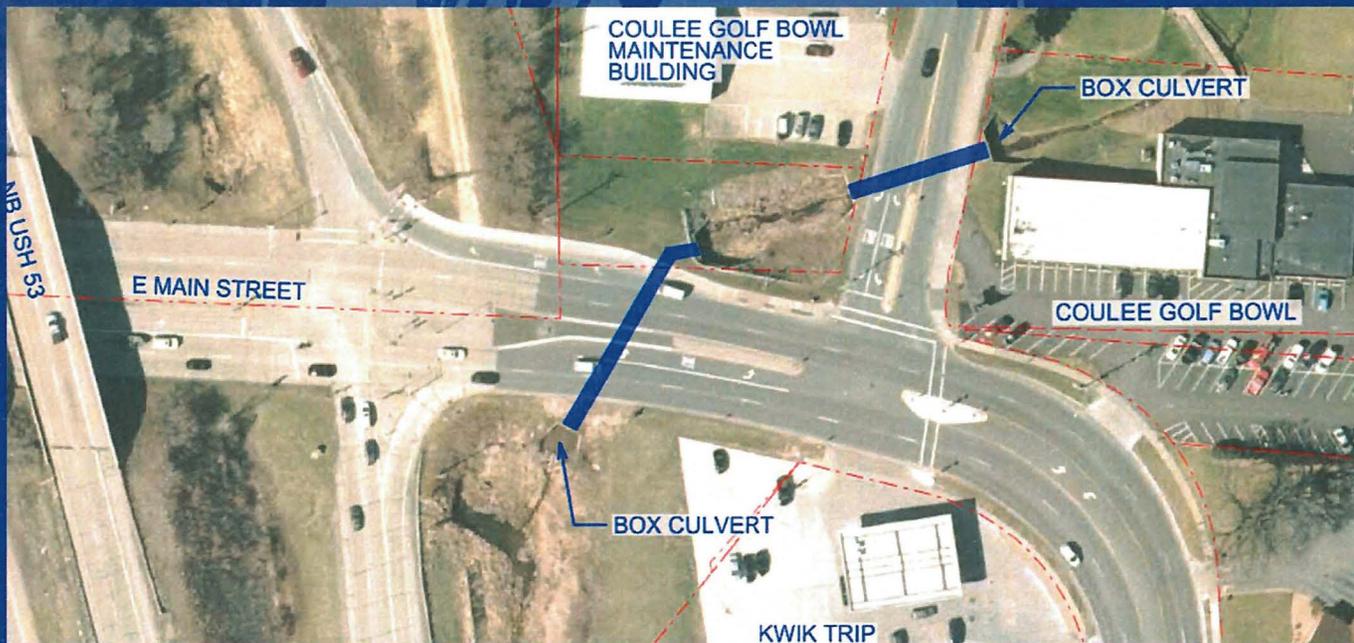
- 24 crashes in 5 ½ years
- 9 involving vehicles exiting Kwik Trip
- 12 involving vehicles exiting Green Coulee Rd
- 83% property damage only

# Project Goals

- Improve traffic operations at Green Coulee Rd intersection
- Improve safety at Green Coulee Rd intersection
- Improvement should be cost effective
- Improvement should provide design flexibility for future improvements to East Main St and/or USH 53 ramp terminals

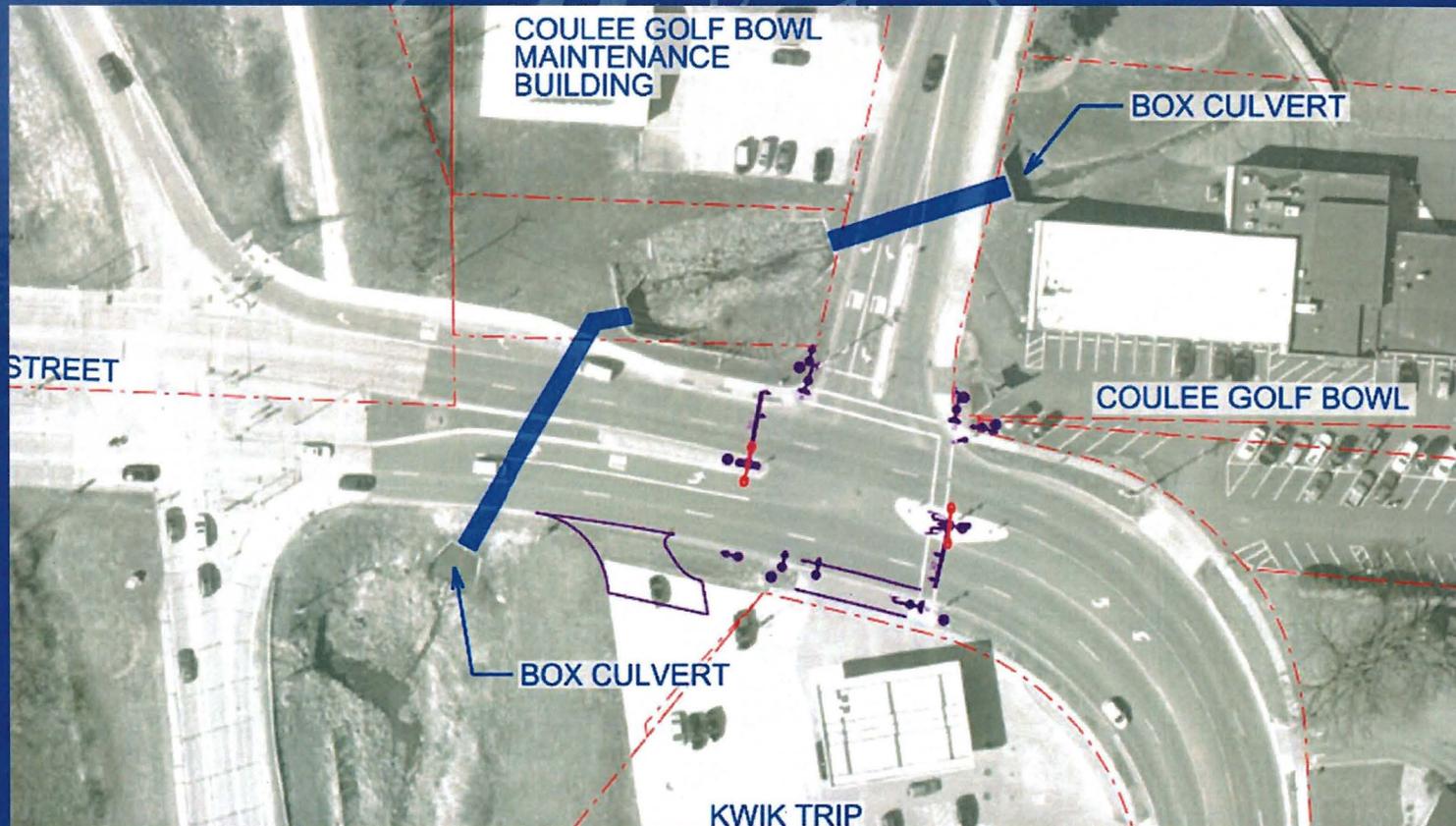
# Alternatives Evaluation

- Six alternatives developed and discussed with City and Wisconsin DOT staff
- Alternative 1 – No Build



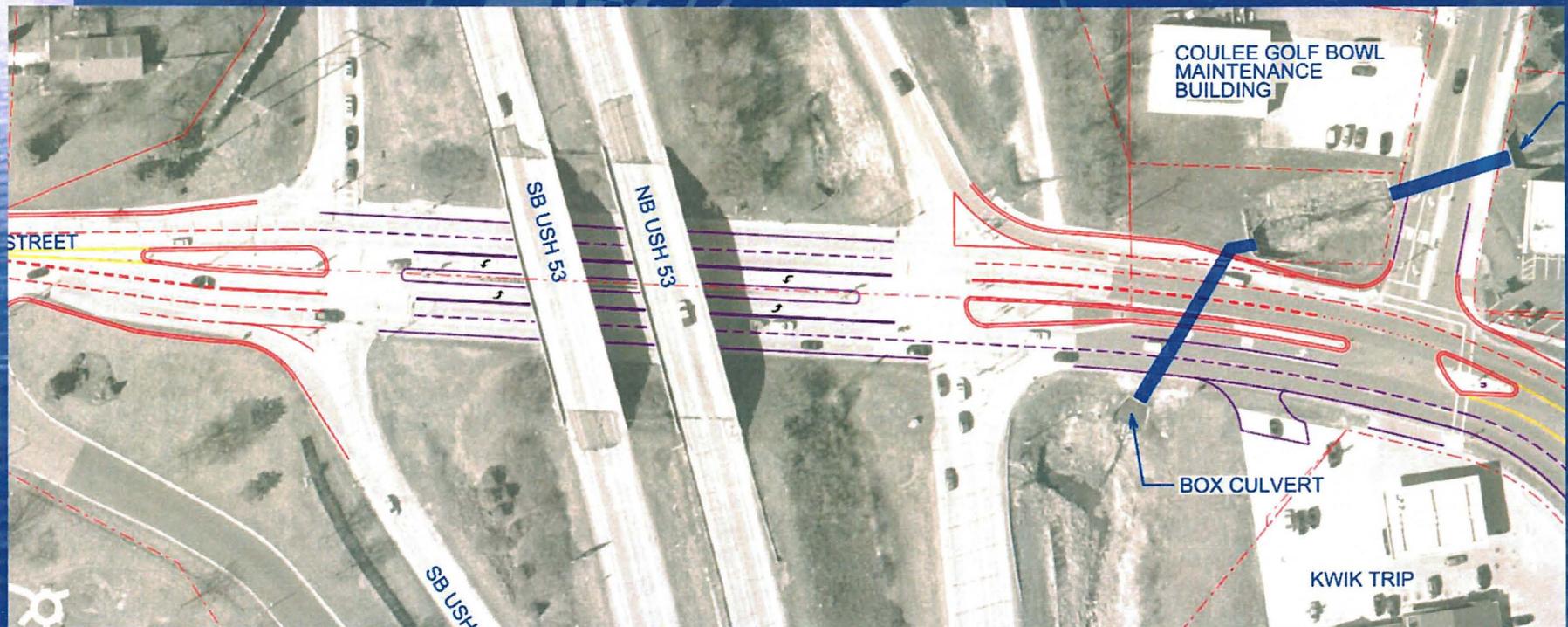
# Alternatives Evaluation

- Alternative 2: Signal at Green Coulee Rd



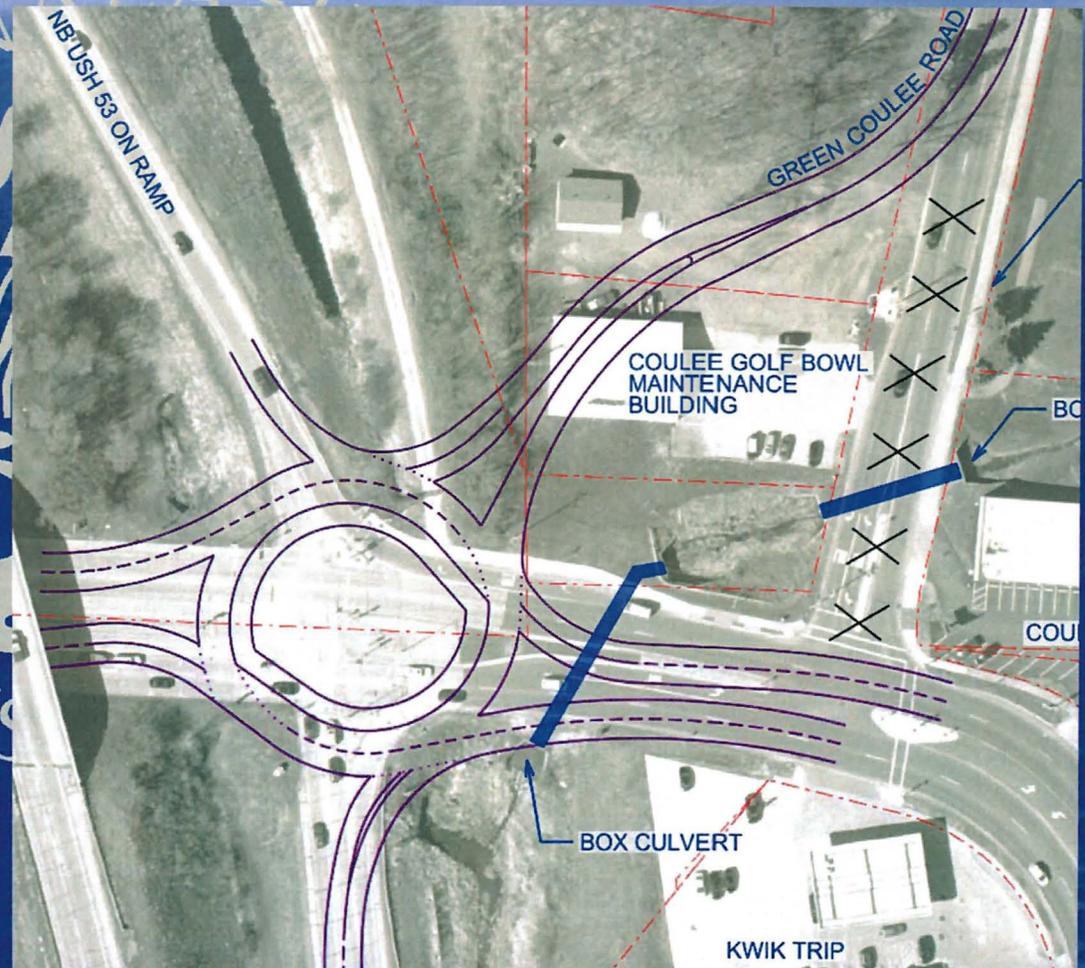
# Alternatives Evaluation

- Alternative 3: Three-lane Expansion with Signal at Green Coulee Rd



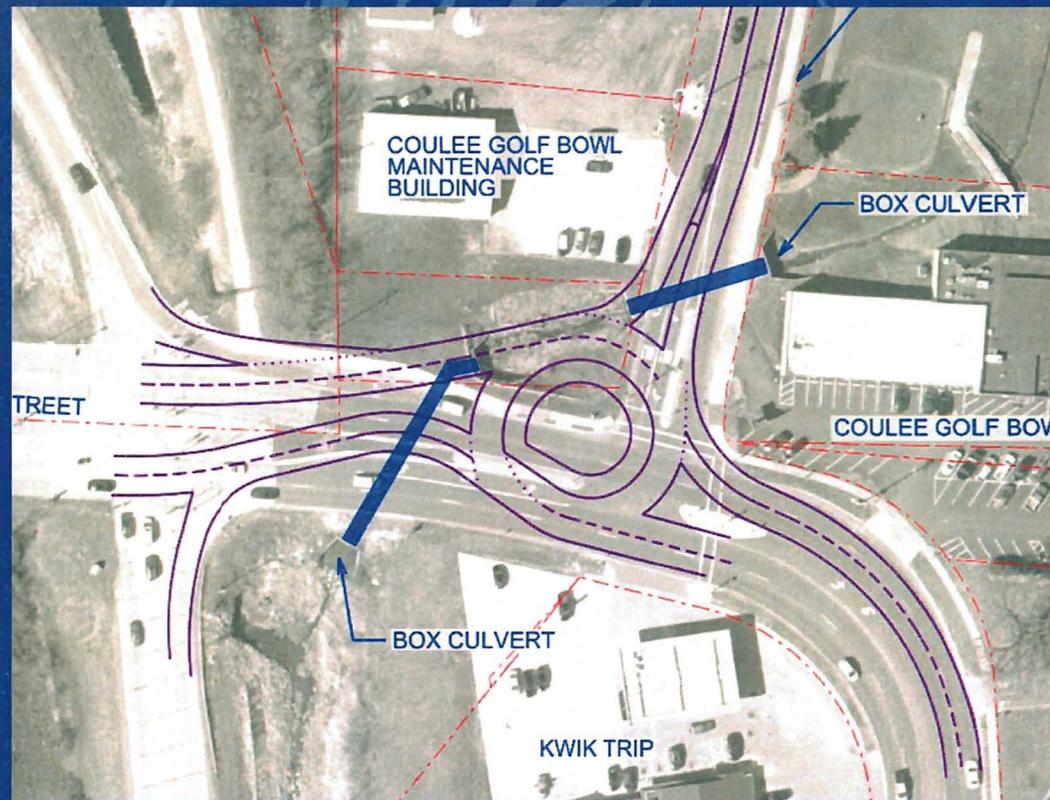
# Alternatives Evaluation

- Alternative 4:  
Five-leg  
Roundabout



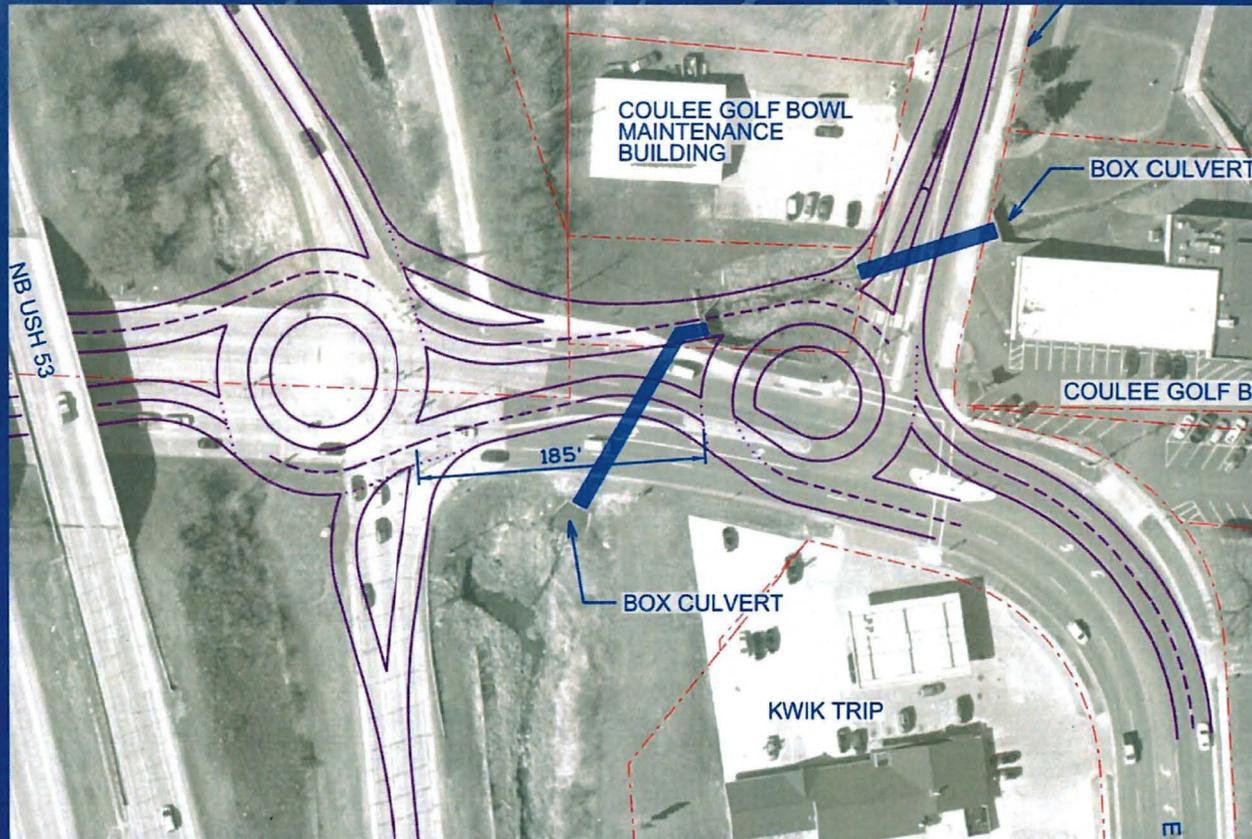
# Alternatives Evaluation

- Alternative 5: Three-leg Roundabout



# Alternatives Evaluation

- Alternative 6: Two-roundabout Corridor



# Final Alternative Selection

Alternative	Improves Operations and Safety at Green Coulee Rd?	Recommended for Further Study?	Comments
<b>Alternative 1 – No Build</b>	No	No	Does not meet project goals.
<b>Alternative 2 – Signal at Green Coulee Road</b>	Yes	Yes	Meets project goals. Lowest cost improvement.
<b>Alternative 3 – Three-lane Expansion with Signal at Green Coulee Road</b>	Yes	No	Much higher cost than Alternative 2 with little operational benefit.
<b>Alternative 4 – Five-leg Roundabout (USH 53 NB Ramps + Green Coulee Road)</b>	Yes	No	Undesirable queuing on WB East Main Street. Higher expense than other alternatives. WisDOT prefers not adding Green Coulee Road to their ramp terminal.
<b>Alternative 5 – Three-leg Roundabout at Green Coulee Road</b>	Yes	Yes	Meets project goals.
<b>Alternative 6 – Two-roundabout Corridor (USH 53 NB Ramps and Green Coulee Road)</b>	Yes	No	Meets project goals, but no benefit over Alternatives 2 or 5 and with much higher cost.

# Final Alternatives Comparison

Criteria	Signal at Green Coulee Rd	Three-leg Roundabout at Green Coulee Rd
<b>Traffic Operations on Green Coulee Rd</b>	<ul style="list-style-type: none"> <li>Improved compared to existing</li> <li>~1 minute of delay in year 2038</li> </ul>	<ul style="list-style-type: none"> <li>Improved compared to existing</li> <li>~16 seconds of delay in year 2038</li> <li>Traffic from NB ramp terminal may backup into roundabout, which would increase delay for vehicles on Green Coulee Rd</li> </ul>
<b>Safety</b>	<ul style="list-style-type: none"> <li>Relocating Kwik Trip driveway reduces conflict points and eliminates prominent crash pattern between Kwik Trip and Green Coulee Rd drivers</li> <li>Dedicated signal phase for vehicles on Green Coulee Rd</li> <li>Dedicated WALK signal gives priority to pedestrians/bicyclists</li> </ul>	<ul style="list-style-type: none"> <li>Expected to minimize or eliminate angle crashes and turning crashes</li> <li>Promotes slower driving speeds</li> <li>Two-stage crossings for pedestrians/bicyclists</li> </ul>
<b>Design Flexibility</b>	<ul style="list-style-type: none"> <li>Yes</li> </ul>	<ul style="list-style-type: none"> <li>Minimal</li> </ul>
<b>Cost</b>	<ul style="list-style-type: none"> <li>Signal equipment, vehicle detection system, relocation of Kwik Trip driveway</li> <li>Right-of-way in NE corner for pole placement</li> <li>Design engineering costs</li> </ul> <p><b>\$530,000</b></p>	<ul style="list-style-type: none"> <li>Intersection reconstruction</li> <li>Right-of-way in NE and NW corners for roadway alignment and sidewalk</li> <li>Extension of box culvert</li> <li>Design engineering costs</li> </ul> <p><b>\$2,010,000</b></p>

# Final Alternatives Comparison

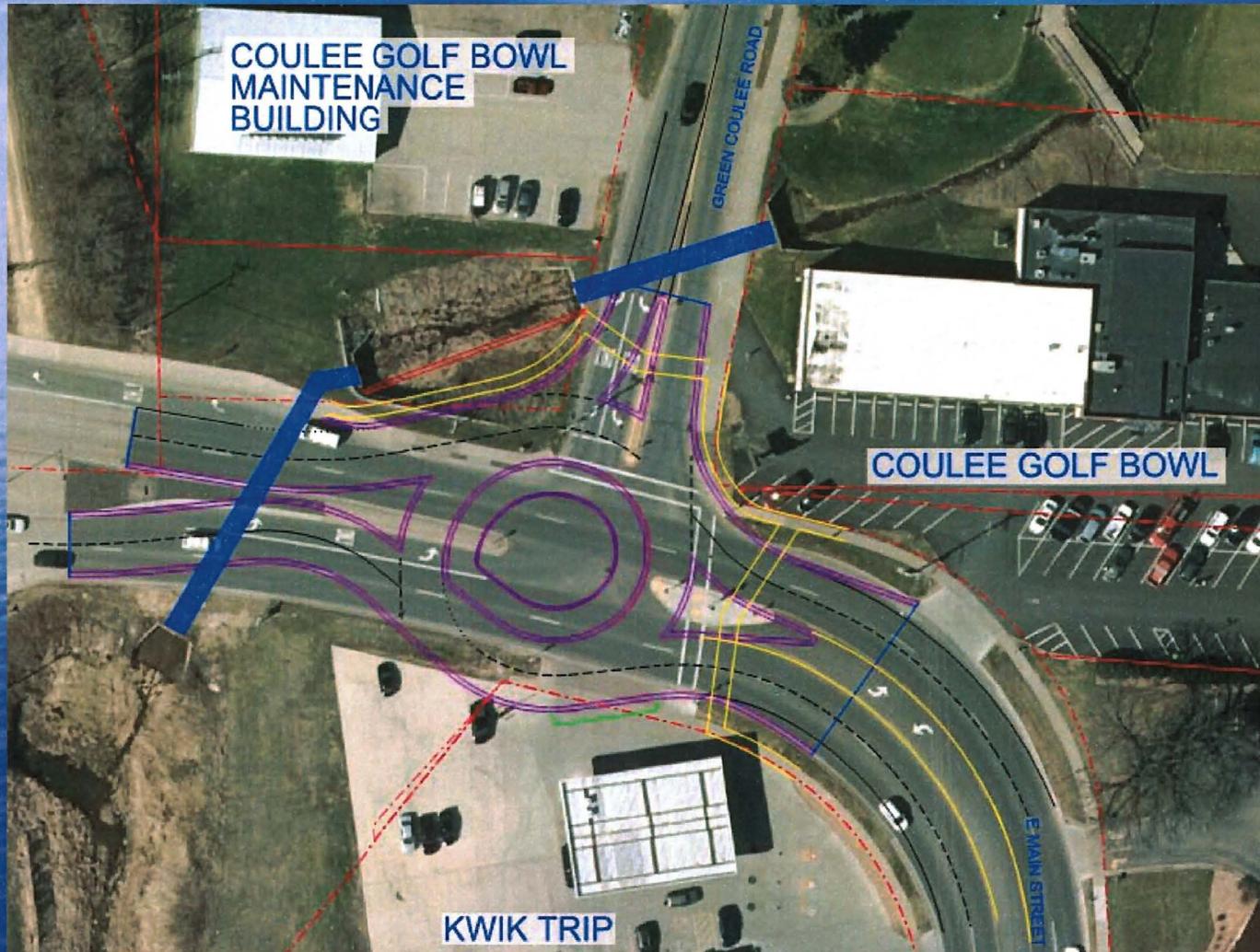
Criteria	Signal at Green Coulee Rd	Three-leg Roundabout at Green Coulee Rd
<b>Traffic Operations on Green Coulee Rd</b>	<ul style="list-style-type: none"> <li>• Improved compared to existing</li> <li>• ~1 minute of delay in year 2038</li> </ul>	<ul style="list-style-type: none"> <li>• Improved compared to existing</li> <li>• ~16 seconds of delay in year 2038</li> <li>• Traffic from NB ramp terminal may backup into roundabout, which would increase delay for vehicles on Green Coulee Rd</li> </ul>
<b>Safety</b>	<ul style="list-style-type: none"> <li>• Relocating Kwik Trip driveway reduces conflict points and eliminates prominent</li> </ul>	<ul style="list-style-type: none"> <li>• Steep approach angle</li> <li>• Limited sight triangles</li> <li>• Limited visibility for pedestrians/bicyclists</li> </ul>
<b>Design Flexibility</b>	<ul style="list-style-type: none"> <li>• Yes</li> </ul>	<ul style="list-style-type: none"> <li>• Minimal</li> </ul>
<b>Cost</b>	<ul style="list-style-type: none"> <li>• Signal equipment, vehicle detection system, relocation of Kwik Trip driveway</li> <li>• Right-of-way in NE corner for pole placement</li> <li>• Design engineering costs</li> </ul> <p><b>\$530,000</b></p>	<ul style="list-style-type: none"> <li>• Intersection reconstruction</li> <li>• Right-of-way in NE and NW corners for roadway alignment and sidewalk</li> <li>• Extension of box culvert</li> <li>• Design engineering costs</li> </ul> <p><b>\$2,010,000</b></p>

**Final Recommendation:  
Signal at Green Coulee Rd**

# Signal at Green Coulee Road

- After selection was made, cost estimate increased to \$750,000 as more details are reviewed
- WisDOT won't allow Kwik Trip driveway to remain at the intersection
- Discussions with Kwik Trip – “Other driveway locations not practical to keep our business viable at this location”
- Another roundabout alternative reviewed

# New Roundabout Alternative



# New Roundabout Alternative

- Shifted south and encroaching slightly onto Kwik Trip property
- New location won't require full box culvert reconstruction reducing the cost significantly
- A retaining wall between the two box culverts would be required

# Signal vs. Roundabout

- Signal - \$750,000
  - Driveway to Kwik Trip removed, possible loss of business at this location
  - Better long term flexibility for corridor
- Roundabout - \$1,500,000
  - Kwik Trip remains with driveway off of roundabout at current location
  - Better operations, especially during non-peak hours, however...

Questions?



# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #12

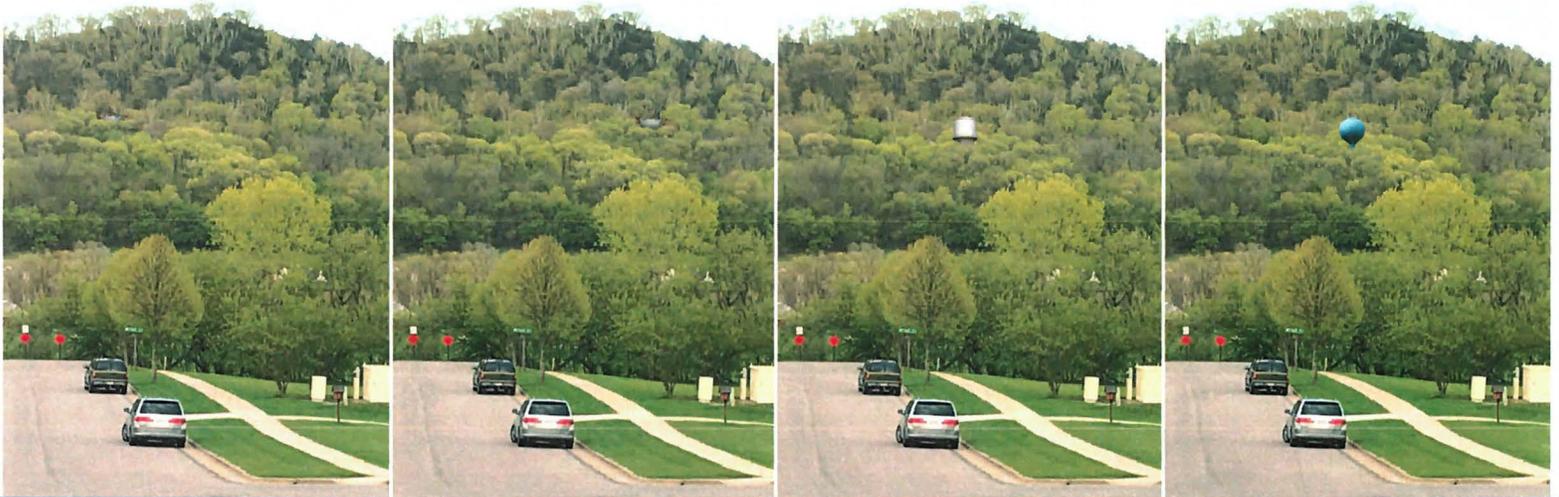
Project/Item Name: Green Coulee reservoir

Location: Green Coulee

Requested Action: Discussion on project

Staff Report/Description: Public information meeting was held August 22, 2019 to gather input on the Green Coulee reservoir. Discussion at the meeting will revolve around the type of reservoir to construct. The majority of residents at the meeting were in favor of buried reservoir versus an elevated steel tank for less visual presence. Comments from the meeting will be distributed at the meeting.

Attachments: Public Information meeting presentation



# City of Onalaska - Greens Coulee Reservoir

Public Meeting Presentation – August 22, 2019



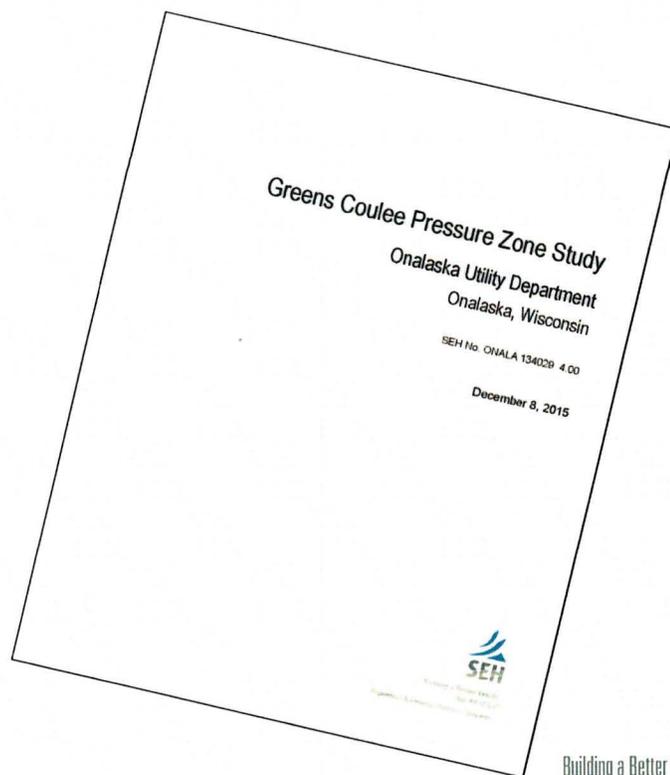
Building a Better World for All of Us<sup>®</sup>

## References

- Greens Coulee Pressure Zone Study (2015)
- Greens Coulee Reservoir Site Study (2018)

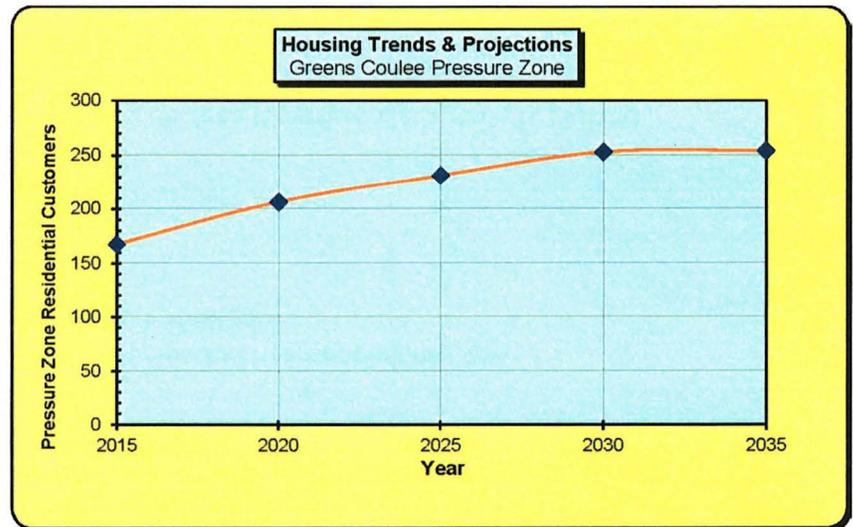
## Current Phase

- Preliminary Design
- Final Site Selection
- Public Service Commission Submittal



## Community Background - Greens Coulee Pressure Zone

- Size/Population
  - 2015: 167 Customers
  - 2035: 254 Customers
- Demand Patterns
  - 100% Residential



P:\K010\Onata\134029\Pressure Zone Tables and Figures\Tables and Figures.xlsx\Housing



# Need for Project

Existing Zone Deficiency	NR811.82: Customer elevations result in deficient pressure. Pressure provided by primary zone is less than 3 psi.
Existing Zone Supply	Aspen Valley Booster Pumps and Hydropneumatic Tank 1-100 gpm, 2-350 gpm, 1-1500 gpm
Existing Zone Storage	None
Future Considerations	Match HGL of Country Club Zone (Overflow Elevation = 1016 Feet) Allows for future interconnect

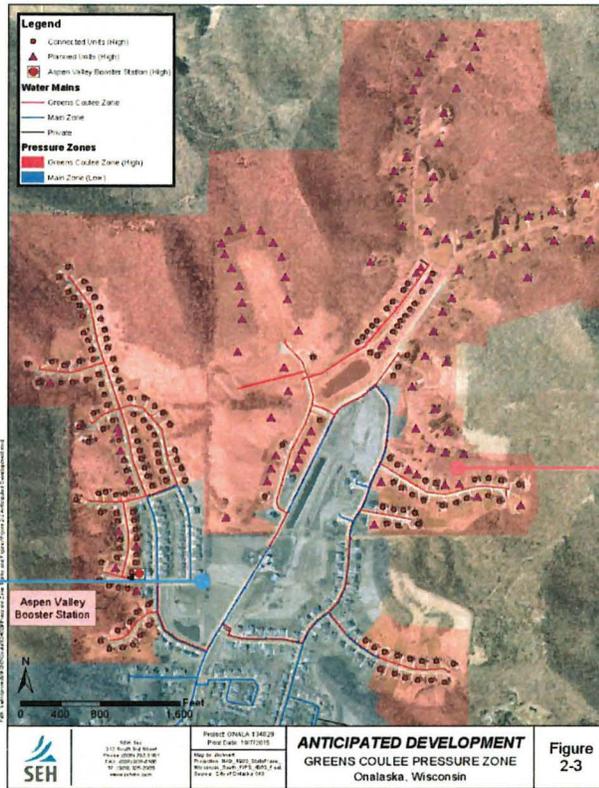


# Need for Project

Primary Pressure Zone

Greens Coulee Pressure Zone

- Connected Units
- ▲ Planned Units



# Need for Project

**Table 4-3  
Recommended Reliable Pumping and Storage Capacity  
Aspen Valley Booster Station**

	Estimated 2015	Projected 2025	Projected 2035
<b>Supply Requirements</b>			
Maximum Day Demand (gpm)	97	139	153
Peak Hour Demand (gpm)	156	222	244
Reliable Supply Capacity (gpm) <sup>1</sup>	800	800	800
<b>Additional Capacity Required (gpm)</b>	<b>None</b>	<b>None</b>	<b>None</b>
<b>Storage Requirements</b>			
Peak Hour Equalizing Requirements (gallons) <sup>1</sup>	18,000	25,000	28,000
Optimum Fire Protection Needs (gallons) (1,500 gpm for 2 hours)	180,000	180,000	180,000
Reserve Storage (gallons; 15% of Total) <sup>2</sup>	34,000	36,000	36,000
<b>Total Optimum Storage Requirements (gallons)</b>	<b>232,000</b>	<b>241,000</b>	<b>244,000</b>
<b>Existing Volume for Storage</b>			
No Existing Storage	0	0	0
Excess Reliable Pumping Capacity above Maximum Day Demand (gallons)	84,000	79,000	78,000
<b>Total</b>	<b>84,000</b>	<b>79,000</b>	<b>78,000</b>
<b>Additional Capacity Required (gallons)</b>	<b>148,000</b>	<b>162,000</b>	<b>166,000</b>

No additional supply needed

Storage needed  
Approximately 150,000 Gal.

**Notes:**

1. Peak hour storage is storage required to meet demands which exceed the reliable supply capacity. Future peak hour equalizing storage requirements were calculated assuming the available supply is equal to the maximum day demand rate.
2. Reserve storage is storage required to provide a start/stop range for well pump operation and an emergency reserve storage supply.



## Alternatives Considered

1. Continue Existing Booster Station Operation
2. Replace Jockey Pump and Re-Calibrate Hydro-Pneumatic Tank
- ~~3. Remove Jockey Pump and Add VFDs to High Service Pumps~~
- ~~4. Replace All Pumps and Add VFDs~~
5. Remove Jockey Pump, Remove Hydro-Pneumatic Tank and Construct New Storage Tank
6. Remove Jockey Pump, Remove Hydro-Pneumatic Tank and Connect to Country Club Pressure Zone
7. Remove Jockey Pump, Remove Hydro-Pneumatic Tank, Connect to Country Club Pressure Zone and Construct New Storage Tank at Location

Options 3 and 4 were deemed  
"Not Viable Options"



Decision Matrix

Alternative	Option 1	Option 2	Option 5	Option 6	Option 7
Most Limiting Factor	NR 811 Storage Requirement	NR 811 Storage Requirement	Neighboring Parcels	Neighboring Township	Neighboring Township
Pressure Stability	1	3	5	3	5
Available Fire Protection	3	3	5	5	5
Capital Costs	5	5	3	4	1
Energy Costs	3	3	4	4	4
Property Acquisition	5	5	2	1	2
Long Term Needs	1	2	5	5	5
Reliability	1	2	4	5	5
	19	23	28	27	27

Scale 1 to 5: 1 = Least Desirable; 5 = Most Desirable



## Long Term Recommendation - Option 5

- Remove Jockey Pump, Remove Hydro-Pneumatic Tank and Construct New Storage Tank
- Design to provide consideration for future connection to the Country Club Zone



## General Location

- Elevated tank
- Concrete ground storage tank

### Hiking Greens Coulee— Savanna Oaks Tract (Onalaska)

Two parking areas allow access to many trails in Greens Coulee.

**Stonebridge Ave parking area:** Take Hwy 16 north to Hwy 157, turn left and continue on Hwy 157/Hwy 53 North to the Main St exit. At the bottom of the ramp, turn right at the light and then immediately left onto Green Coulee Rd.\* Go .6 mi to Clearwater Dr, turn right and go .2 mi to Stonebridge Ave, turn left and go .25 mi to a small parking lot on the right.

**Clifford Dr parking area:** Follow the directions above to \*. Then go 1.25 mi and turn right on Clifford Dr. You may park at the Clifford Dr cul-de-sac from May through October.

#### Three interesting hikes:

**1-2-3-5-3-2-1** An out-and-back 1.2-mi (round trip) route that climbs 300 feet to an overlook at **5**.

**1-2-3-4-6-7-6-10-2-1** This sometimes-challenging 1.4-mi lollipop-plus route takes you past a mushroom-shaped rock formation at **4**, a lovely view of the valley nearby, past another interesting rock formation north of **6**, and along a ridge to a beautiful overlook at **7** (the highest point on the property at 1212 feet). Retrace your steps to **6** and then go to **10** and take a lower route back to **6** and the beginning.

**3-9-10-6-7-6-10-9-3** This 1.2-mi loop-plus route takes you up a steep trail to an overlook at **7**, the highest point on the property, then down a gentle slope to the beginning.

#### Key to Symbols

	Parking		Owned by MVC
	Main trails		Owned by City of Onalaska, conservation easement by MVC
	Side trails		Road
	Point of Interest		
	Overlook		

Please respect landowners near Conservancy tracts by observing property boundaries.





Building a Better World for All of Us<sup>®</sup>

## Associated Project Cost and Funding (from 2015 Study)

- Option 2: \$18,000 (2015\$)
- Option 5: \$1,358,500 (2018\$)
- Project Funding:
  - Water Utility Fund



## Project Timeline

- Preliminary Design | Soil Borings
- Design | PSC Construction Authorization | DNR Approval
- Construction



Building a Better World for All of Us



Discussion

# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #13

Project/Item Name: General engineering services

Location: Citywide

Requested Action: Approval of services

Staff Report/Description: Attached services would be for miscellaneous engineering services for such things as water system modeling, intersection analysis, traffic analysis, surveying services, etc. The costs associated with any services would be charged to the operating budget of the utility or Capital Improvements project the work was performed for.

Attachments: agreement

## Supplemental Letter Agreement

In accordance with the Master Agreement for Professional Services between City of Onalaska ("Client"), and Short Elliott Hendrickson Inc. ("Consultant"), effective December 27, 2018, this Supplemental Letter Agreement dated August 23, 2019 authorizes and describes the scope, schedule, and payment conditions for Consultant's work on the Project described as: General Engineering Services

**Client's Authorized Representative:** Jarrod Holter, PE  
**Address:** 415 Main Street  
Onalaska, WI 54650  
**Telephone:** 608.781.9537 **email:** jholter@cityofonalaska.com

**Project Manager:** Jeremy Tomesh, PE  
**Address:** 329 Jay Street, Suite 301  
La Crosse, WI 54601  
**Telephone:** 608.498.4947 **email:** jtomesh@sehinc.com

**Scope:** The Basic Services to be provided by Consultant:

General Engineering Services is necessary at times for City staff to request technical services such as engineering support relating to: cost estimating, mapping, surveying, water, sewer, storm sewer, and streets review and evaluations. The City will request these services through written communication via e-mails that clearly state the services requested and SEH staff will reply with approximate hours and costs prior to the services being completed. If the services requested are more than the amount remaining a separate written supplemental agreement will be considered a separate request for services. Once approved, these services would be authorized by the City's representative as noted above on a time and materials bases not to exceed the subtotal below.

*Subtotal \$5,000*

**Schedule:** Schedules will vary task by task or as written correspondence to complete tasks are noted. This contract shall be reviewed on annual basis to add or decrease the need for general engineering services.

**Payment:** These engineering related tasks will be billed on an hourly basis for the time, equipment and materials incorporated in this project not to exceed \$5,000.

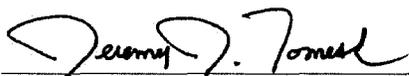
The payment method, basis, frequency and other special conditions are set forth in attached Exhibit A-1.

**Other Terms and Conditions:** Other or additional terms contrary to the Master Agreement for Professional Services that apply solely to this project as specifically agreed to by signature of the Parties and set forth herein: None.

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**Short Elliott Hendrickson Inc.**

**City of Onalaska**

By:   
Jeremy Tomesh, PE  
Title: Client Service Manager

By: \_\_\_\_\_  
Title: \_\_\_\_\_

**Exhibit A-1**  
**to Supplemental Letter Agreement**  
**Between City of Onalaska (Client)**  
**and**  
**Short Elliott Hendrickson Inc. (Consultant)**  
**Dated August 23, 2019**

**Payments to Consultant for Services and Expenses**  
**Using the Hourly Basis Option**

The Agreement for Professional Services is amended and supplemented to include the following agreement of the parties:

**A. Hourly Basis Option**

The Client and Consultant select the hourly basis for payment for services provided by Consultant. Consultant shall be compensated monthly. Monthly charges for services shall be based on Consultant's current billing rates for applicable employees plus charges for expenses and equipment.

Consultant will provide an estimate of the costs for services in this Agreement. It is agreed that after 90% of the estimated compensation has been earned and if it appears that completion of the services cannot be accomplished within the remaining 10% of the estimated compensation, Consultant will notify the Client and confer with representatives of the Client to determine the basis for completing the work.

Compensation to Consultant based on the rates is conditioned on completion of the work within the effective period of the rates. Should the time required to complete the work be extended beyond this period, the rates shall be appropriately adjusted.

**B. Expenses**

The following items involve expenditures made by Consultant employees or professional consultants on behalf of the Client. Their costs are not included in the hourly charges made for services and shall be paid for as described in this Agreement but instead are reimbursable expenses required in addition to hourly charges for services:

1. Transportation and travel expenses.
2. Long distance services, dedicated data and communication services, teleconferences, Project Web sites, and extranets.
3. Lodging and meal expense connected with the Project.
4. Fees paid, in the name of the Client, for securing approval of authorities having jurisdiction over the Project.
5. Plots, Reports, plan and specification reproduction expenses.
6. Postage, handling and delivery.
7. Expense of overtime work requiring higher than regular rates, if authorized in advance by the Client.
8. Renderings, models, mock-ups, professional photography, and presentation materials requested by the Client.
9. All taxes levied on professional services and on reimbursable expenses.
10. Other special expenses required in connection with the Project.
11. The cost of special consultants or technical services as required. The cost of subconsultant services shall include actual expenditure plus 10% markup for the cost of administration and insurance.

The Client shall pay Consultant monthly for expenses.

### **C. Equipment Utilization**

The utilization of specialized equipment, including automation equipment, is recognized as benefiting the Client. The Client, therefore, agrees to pay the cost for the use of such specialized equipment on the project. Consultant invoices to the Client will contain detailed information regarding the use of specialized equipment on the project and charges will be based on the standard rates for the equipment published by Consultant.

The Client shall pay Consultant monthly for equipment utilization.

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## SEH Hourly Billable Rate Range

<i>Classification</i>	<i>Billable Rate<sup>(1)</sup></i>
<b>Office Staff</b>	
Principal	\$160.00 - \$255.00
Project Manager	\$140.00 - \$230.00
Senior Project Specialist	\$135.00 - \$210.00
Senior Project Engineer	\$140.00 - \$215.00
Project Engineer	\$105.00 - \$165.00
Staff Engineer	\$85.00 - \$125.00
Senior Project Architect	\$120.00 - \$205.00
Project Architect	\$100.00 - \$150.00
Staff Architect	\$85.00 - \$110.00
Senior Project Scientist	\$130.00 - \$170.00
Project Scientist	\$85.00 - \$125.00
Staff Scientist	\$80.00 - \$100.00
Senior Project Planner	\$130.00 - \$200.00
Project Planner	\$95.00 - \$140.00
Staff Planner	\$75.00 - \$100.00
Project GIS Analyst	\$90.00 - \$150.00
Lead Technician	\$100.00 - \$160.00
Senior Technician	\$85.00 - \$135.00
Technician	\$65.00 - \$110.00
Word Processor	\$55.00 - \$99.00
General Clerical	\$55.00 - \$99.00
Graphic Designers	\$90.00 - \$125.00
<b>Field Staff</b>	
Licensed Land Surveyor	\$110.00 - \$150.00
Lead Project Representative	\$95.00 - \$145.00
Sr. Project Representative	\$90.00 - \$135.00
Project Representative	\$70.00 - \$125.00
Survey Crew Chief	\$85.00 - \$125.00
Survey Instrument Operator	\$60.00 - \$95.00

(1) The actual rate charged is dependent upon the hourly rate of the employee assigned to the project. The rates shown are subject to change.

Effective: January 1, 2019  
Expires: December 31, 2019



# **STAFF REVIEW SUMMARY**

## CITY OF ONALASKA BOARD OF PUBLIC WORKS

September 3, 2019

Agenda Item: #14

Project/Item Name: Capital Improvements Budget

Location: Citywide

Requested Action: Discussion on budget

Staff Report/Description: 2020 – 2024 Capital Improvements Budget first draft has been completed. The proposed budget will need to be discussed at the October and November Board of Public Works meetings with reductions made to meet anticipated budget constraints. A public hearing will be scheduled for the December Board of Public Works meeting regarding a final proposed 2020 Capital Improvements budget

Attachments: 2020 – 2024 proposed Capital Improvements budget

**CITY OF ONALASKA**  
**2021 Capital Improvement Projects - Proposed**

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>I. Public Works Department</u></b>						
1. Sidewalk program (NEW)						
a. Sidewalk replacement program	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
b. Miscellaneous repairs throughout City	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
c. City park sidewalk installationa for ADA access	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
2. Pavement Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
3. Street Reconstruction - 12th Ave S from Green St to Main St	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
4. Street Paving - Midwest Dr - National Dr to west	\$ -	\$ -	\$ -	\$ -	\$ 399,000	\$ 399,000
5. Bucket truck	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
6. Street Paving - 16th Ave S, Kingswood Ln, Cedar Pl, Hickory St, 17th Ave S, Jennifer Ct, Hickory St and Keller Ct	\$ -	\$ -	\$ -	\$ -	\$ 360,000	\$ 360,000
7. Street paving - Germann Ct from Esther Dr to end	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
8. Cemetery - irrigation/watering system replacement	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
9. Single-axle dump truck w/ plow, spreader, and wing	\$ -	\$ -	\$ -	\$ -	\$ 170,000	\$ 170,000
10. Stormwater quality management Pond 12 - engineered soil bottom	\$ -	\$ -	\$ 800,000	\$ -	\$ -	\$ 800,000
11. Mid-size flat bed truck (NEW)	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ 80,000
12. Theater Rd - PH to STH 16 - reconstruction with widening & signal lights/round-a-bout	\$ -	\$ -	\$ 40,000	\$ -	\$ 565,000	\$ 605,000

**CITY OF ONALASKA**  
**2021 Capital Improvement Projects - Proposed**

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u>							
<i>I. Public Works Department (Cont'd)</i>	<u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>		
13. Franklin St. lift station upgrades	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000		
14. Roof over office & mechanic areas @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000		
15. Paint hallways @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000		
16. Exhaust fan motors @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000		
17. Replace 4 heated storage man doors @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ 24,000		
18. 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)	\$ 13,800	\$ 241,500	\$ 148,000	\$ -	\$ 212,500	\$ 615,800		
19. Street paving - Pierce St from Oak to 8th, 7th Ave N from Madison to Well St (2018 #27, 2019 #16) (PASER 2.3)	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000		
20. 11th Ave N - forcemain replacement/street reconstruction - Main St to Well St , Monroe St 11th to East, Pierce St 11th to 12th, Pierce St 11th to Sand Lake Rd	\$ 344,500	\$ 282,500	\$ 30,000	\$ -	\$ 364,000	\$ 876,000		
21. Street paving - 10th Ct , Vaaler Ct, 11th Ave N from Lake to Quincy, 12th Ave N from Lake to Quincy	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000		
22. Street paving-Braund St, Lester Ave, Rudy St	\$ -	\$ -	\$ -	\$ -	\$ 354,000	\$ 354,000		
23. Replace air handler VFD's @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000		

**CITY OF ONALASKA**  
**2021 Capital Improvement Projects - *Proposed***

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>I. Public Works Department (Cont'd)</u></b>						
24. Street Reconstruction - Lake St from 10th Place to Sand Lake Rd, 10th Pl, 11th Ave N from Well St to Lake St, 12th Ave N from Well St to Lake St	\$ 250,000	\$ 250,000	\$ 150,000	\$ -	\$ 700,000	\$ 1,350,000
25. Multi-directional V-plow for end loader	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ 28,000
26. N Kinney Coulee Rd - Woodmans entrance to 600' southeast (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 82,000	\$ 82,000
27. Cemetery street paving	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
28. Watermain replacement through Rowe Park	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000
29. Watermain connection Abbey Rd apartments to LB White	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
<b><u>II. Planning Department</u></b>						
30. Vehicle replacement (1)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
31. Urban forestry - general	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
32. STH 16 bike trail - S Kinney to Landfill Rd	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
33. Downtown/waterfront - bury existing overhead power lines	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
<b><u>III. Fire Department</u></b>						
34. Command Vehicle	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000

**CITY OF ONALASKA**  
**2021 Capital Improvement Projects - Proposed**

<b>6TH DRAFT - 8/28/2019</b>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>IV. Parks &amp; Recreation Department</u></b>						
35. Great River Landing fishing pier/docks (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
36. Rowe Park - depends on Master Plan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37. Community Park - Community Center renovations	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000
38. Glenn Fox Park - ballfield renovations	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
39. Various shelter & gazebo reroofing						
a. Elmwood gazebo	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
b. Pierce Park	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
c. Van Riper #2	\$ -	\$ -	\$ -	\$ -	\$ 7,500	\$ 7,500
d. Robinson Park	\$ -	\$ -	\$ -	\$ -	\$ 7,500	\$ 7,500
e. Holiday Heights Park	\$ -	\$ -	\$ -	\$ -	\$ 7,500	\$ 7,500
40. Van Riper Park - tennis court resurface	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000
41. Holiday Heights - fishing pier	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
42. Glenn Fox - shelter improvements	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
43. ADA improvements	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
44. Waterfront improvements	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
<b><u>V. Police Department</u></b>						
45. Squad Cars (2)	\$ -	\$ -	\$ -	\$ -	\$ 130,000	\$ 130,000
46. Portable radio replacement	\$ -	\$ -	\$ -	\$ -	\$ 52,000	\$ 52,000
<b><u>VI. Omni Center</u></b>						
47. Arena #2 - roof	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000

**CITY OF ONALASKA**  
**2021 Capital Improvement Projects - Proposed**

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>VI. Omni Center (Cont'd)</u></b>						
48. Replace flat roof between arenas (2 areas)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
49. Cooling unit concessions #1	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
50. Replace air handler VFD's (6 ea)	\$ -	\$ -	\$ -	\$ -	\$ 27,000	\$ 27,000
51. Skate sharpener replacement holders	\$ -	\$ -	\$ -	\$ -	\$ 950	\$ 950
52. Set of basketball standards (2 sets)	\$ -	\$ -	\$ -	\$ -	\$ 16,000	\$ 16,000
53. Hockey boards in Arena #2	\$ -	\$ -	\$ -	\$ -	\$ 130,000	\$ 130,000
54. Air handler rebuild in building 1	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
55. Roof top air handlers (3 ea)	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000
56. Paint inside Arena #1	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
57. Chiller #1 maintenance	\$ -	\$ -	\$ -	\$ -	\$ 17,500	\$ 17,500
58. Ride on floor scrubbing machine	\$ -	\$ -	\$ -	\$ -	\$ 17,000	\$ 17,000
<b><u>VII. Library</u></b>						
59. Air handler #1 & #2 overhaul	\$ -	\$ -	\$ -	\$ -	\$ 7,000	\$ 7,000
60. Carpet replacement in meeting rooms	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
61. Roof replacement over original building	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
62. Table & chair replacement	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000

**CITY OF ONALASKA**  
**2021 Capital Improvement Projects - Proposed**

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>VIII. City Hall</u></b>						
63. Air handler overhaul	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
64. Parking lot replacement	\$ -	\$ -	\$ -	\$ -	\$ 16,000	\$ 16,000
65. Carpet in meeting rooms & council chambers	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
66. Replace 4 overhead doors in Fire Dept	\$ -	\$ -	\$ -	\$ -	\$ 18,000	\$ 18,000
67. Replace 40 ton condensing unit	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 180,000
<b><u>IX. Information Technology Dept</u></b>						
68. Updates to City servers & backup servers	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
<b><u>X. City Clerk</u></b>						
69. Election machines	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
<b><u>XI. City Attorney</u></b>						
70. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b><u>XII. City Administration</u></b>						
71. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTALS: \$ 848,300 \$ 1,164,000 \$ 1,168,000 \$ - \$ 10,917,450 \$ 13,952,750</b>						

**CITY OF ONALASKA**  
**2022 Capital Improvement Projects - Proposed**

<b>7TH DRAFT - 8/28/2019</b>	<u>Sanitary</u>							
	<u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>		
<b><u>I. Public Works Department</u></b>								
1. Sidewalk program (NEW)								
a. Sidewalk replacement program	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$	75,000
b. Miscellaneous repairs throughout City	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$	25,000
c. City park sidewalk installationa for ADA access	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$	40,000
2. Pavement Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$	250,000
3. Street Paving - Elm St from 2nd Ave to railroad tracks and Beech St	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$	50,000
4. Cemetery pavement replacement - including Hickory St, 12th Ave S to 13th Ave S	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$	50,000
5. Tandem axle dump truck w/ plow, wing and muni-box	\$ -	\$ -	\$ -	\$ -	\$ 240,000	\$ 240,000	\$	240,000
6. Stormwater quality management - pond 5 dry pond to wet pond conversion	\$ -	\$ -	\$ 2,300,000	\$ -	\$ -	\$ 2,300,000	\$	2,300,000
7. French Rd reservoir - 300,000 gallons	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ 1,200,000	\$	1,200,000
8. Street Reconstruction - Sand Lake Rd - Main St to to Lake St	\$ 400,000	\$ 400,000	\$ 250,000	\$ -	\$ 750,000	\$ 1,800,000	\$	1,800,000
9. CTH S road reconstruction - Sand Lake Rd to 1,350 ft east	\$ 48,000	\$ 72,000	\$ 53,000	\$ -	\$ 410,000	\$ 483,000	\$	483,000
10. Street reconstruction 6th Ave N - 250' north of Pearl St to King St w/ repaving Bluebird Ct.	\$ 20,000	\$ 153,000	\$ 141,000	\$ -	\$ 455,000	\$ 769,000	\$	769,000
11. HVAC upgrade to eliminate R-22 refrigerant unit @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000	\$	20,000

**CITY OF ONALASKA**  
**2022 Capital Improvement Projects - Proposed**

<u>7TH DRAFT - 8/28/2019</u>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>I. Public Works Department (Cont'd)</u></b>						
12. Roof over garage areas @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
13. Cemetery - fencing & retaining wall replacement - 13th Ave S	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
14. Street Paving - Pralle Center Rd - STH 16 to north 500 ft	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
15. Street reconstruction - 5th Ave N - Locust to Pearl (PASER 1.9)	\$ 116,000	\$ 142,000	\$ 88,090	\$ -	\$ 336,000	\$ 630,000
16. Traffic study - Sand Lake Rd / 12th Ave S corridor	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
17. Street paving - Guenther Estates; Oak Ave N, Lake St, 8th Ave N, Guenther Ct	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000
18. Replace 4 overhead doors @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ 24,000
19. Street reconstruction - Well St from Oak Ave N to 11th Ave N	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ 200,000	\$ 500,000
20. Street Reconstruction - Green Bay St from 9th Ave S to 400 feet west of 11th Ave S (PASER 2.0)	\$ 99,000	\$ 121,000	\$ 46,000	\$ -	\$ 214,000	\$ 480,000
21. Street reconstruction - 3rd Ave N, Poplar St to south - including John St	\$ 174,000	\$ 209,000	\$ 127,000	\$ -	\$ 414,000	\$ 924,000
22. Street reconstruction - Poplar St - STH 35 to 4th Ave N	\$ 56,000	\$ 72,000	\$ 14,000	\$ -	\$ 141,000	\$ 280,000
23. Watermain replacement on Grandview Blvd	\$ -	\$ 150,000	\$ -	\$ -	\$ 50,000	\$ 200,000

**CITY OF ONALASKA**  
**2022 Capital Improvement Projects - *Proposed***

<i>7TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>II. Planning Department</u></b>						
24. Vehicle replacement (1)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
25. Urban forestry - general	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
<b><u>III. Fire Department</u></b>						
26. Command Vehicle	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
27. Fire Station - I90/STH 16 vicinity (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 1,700,000	\$ 1,700,000
<b><u>IV. Parks &amp; Recreation Department</u></b>						
28. Wellington Greens - soccer field development	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
29. Playground replacement						
a. Coachlite Greens	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
30. Community Park						
a. Playground	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
b. Batting cage	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
31. Oakwood Park - basketball court & playground replacement	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
32. Pickleball courts - crackfill & resurface	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000
33. ADA improvements	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
<b><u>V. Police Department</u></b>						
34. Squad cars (2)	\$ -	\$ -	\$ -	\$ -	\$ 127,000	\$ 127,000
35. Radio replacement - base units	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ 6,000

**CITY OF ONALASKA**  
**2022 Capital Improvement Projects - Proposed**

<i>7TH DRAFT - 8/28/2019</i>	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>VI. Omni Center</u></b>						
36. Arena #1 A/C unit	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
37. Parking lot maintenance	\$ -	\$ -	\$ -	\$ -	\$ 27,500	\$ 27,500
38. Concrete squares in front of building (6 squares)	\$ -	\$ -	\$ -	\$ -	\$ 2,400	\$ 2,400
39. Hockey goals (2 sets)	\$ -	\$ -	\$ -	\$ -	\$ 2,800	\$ 2,800
40. Volleyball standard replacement	\$ -	\$ -	\$ -	\$ -	\$ 18,600	\$ 18,600
41. Building 1 plumbing - restroom replacement	\$ -	\$ -	\$ -	\$ -	\$ 41,017	\$ 41,017
<b><u>VII. Library</u></b>						
42. Boiler replacement to high efficiency	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
43. Parking lot maintenance	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000
44. Roof over adult section & museum	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
45. Carpet replacement in adult area & main entry	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
<b><u>VIII. City Hall</u></b>						
46. Carpet replacement -Eng/Planning Suites	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
47. Doors & frames in garage areas (5 doors)	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
48. Landscaping lights in front of City Hall	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 3,000
49. Replace 4 overhead doors E side of Fire Dept	\$ -	\$ -	\$ -	\$ -	\$ 19,000	\$ 19,000
50. Replace 50 ton condensing unit	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

**CITY OF ONALASKA**  
**2022 Capital Improvement Projects - *Proposed***

<i>7TH DRAFT - 8/28/2019</i>	<u>Sanitary</u>							
	<u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>		
<u>IX. Information Technology Dept</u>								
51. Computer updates	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000		
<u>X. City Clerk</u>								
52. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<u>XI. City Attorney</u>								
53. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<u>XII. City Administration</u>								
54. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
<b>TOTALS: \$ 1,063,000 \$ 2,669,000 \$ 3,019,090 \$ - \$ 7,565,317 \$ 14,161,317</b>								

**CITY OF ONALASKA**  
**2023 Capital Improvement Projects - *Proposed***

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><i>I. Public Works Department</i></b>						
1. Sidewalk Repair Project	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
2. Pavement Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
3. Sand Lake Rd/12th Ave S & Main St intersection improvements	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
4. Retaining wall - 12th Ave S at cemetery	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
5. 11th Ave N lift station reconstruction	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
6. Street paving - Westwood Dr from Oak Ave to Pine St, Kelly Pl, Cliffview Ave, Westwood Dr to Riders Club Rd, Grove St from Pine St to Oak Ave N, & Ridgeview Dr	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
7. Street paving - Elm Dr, Walnut Dr & Hickory Ln	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
8. Street Paving - Franklin St, Riders Club Rd to Oak Park, Meier Ln and Rolling Oaks, Franklin to Meier Ln	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
9. Utility Extension - STH 35 - Troy St to Hilltop Dr	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
10. Street Paving - Stonebridge Greens Addn	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
11. Street Paving - East Ave, USH 53 to CTH SN	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
12. Street Paving - Oak park Addn	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 800,000
13. Motor grader	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
14. Street Reconstruction -Elmwood Hills Subd	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000	\$ 1,300,000

CITY OF ONALASKA  
2023 Capital Improvement Projects - Proposed

6TH DRAFT - 8/28/2019	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>I. Public Works Department (Cont'd)</u></b>						
15. Main St watermain replacement	\$ 400,000	\$ 700,000	\$ -	\$ -	\$ -	\$ 1,100,000
16. Replace original boiler @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
17. Rework hardware 9 overhead doors @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
18. Street Paving - East Ave N - Vilas St to Riders Club Rd	\$ -	\$ -	\$ -	\$ -	\$ 226,000	\$ 226,000
19. Street Paving - Sandalwood Subdivision	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 700,000
20. Street Paving - Ironwood Pl, Coulee Ct, Maplewood Pl and Putter Ct	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
21. Wellhouse improvements - chemical rooms (2019 #33)						
a. Design (3 well houses)	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
b. Construction Est. \$250,000	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000
22. Generator upgrade/update @ Public Works Facility	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
<b><u>II. Planning Department</u></b>						
23. Vehicle replacement (1)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
24. Urban forestry - general	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
<b><u>III. Fire Department</u></b>						
25. Engine/pumper	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000
26. First responder rescue truck	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000

CITY OF ONALASKA  
2023 Capital Improvement Projects - Proposed

6TH DRAFT - 8/28/2019	<u>Sanitary Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>IV. Parks &amp; Recreation Department</u></b>						
27. Playground replacement						
a. Elmwood	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
b. Community Park	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
28. Playground replacement						
a. Oak Knoll	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
b. Park Avenue	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
c. Park Ridge	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
29. Rowe Park						
a. Skate Park - LED light upgrades	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
b. Ballfield renovations	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
<b><u>V. Police Department</u></b>						
30. Squad cars (2)	\$ -	\$ -	\$ -	\$ -	\$ 133,000	\$ 133,000
<b><u>VI. Omni Center</u></b>						
31. Vestibule addition to main entrance of building	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000
<b><u>VII. Library</u></b>						
32. Water softener replacement	\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ 2,500
33. Carpet replacement in childrens area	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
34. Flat roof replacement						
a. Meeting rooms & between new & old	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000

CITY OF ONALASKA  
2023 Capital Improvement Projects - *Proposed*

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>VIII. City Hall</u></b>						
35. Replace water heaters in City Hall (3) & Fire Dept	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000
36. Replace remaining overhead doors	\$ -	\$ -	\$ -	\$ -	\$ 19,000	\$ 19,000
37. Single man lift replacement	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
38. Replace condensing unit for Council Chambers and Fire Dept living area	\$ -	\$ -	\$ -	\$ -	\$ 17,000	\$ 17,000
<b><u>IX. Information Technology Dept</u></b>						
39. Computer updates	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
<b><u>X. City Clerk</u></b>						
40. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b><u>XI. City Attorney</u></b>						
41. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b><u>XII. City Administration</u></b>						
42. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTALS: \$ 1,400,000 \$ 1,990,000 \$ - \$ - \$ 9,621,500 \$ 12,011,500</b>						

**CITY OF ONALASKA**  
**2024 Capital Improvement Projects - Proposed**

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>I. Public Works Department</u></b>						
1. Sidewalk Repair Project	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
2. Pavement Maintenance	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
3. Street Paving - SS, 12th Ave to Crossing Meadows	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
4. Street Paving - East Main St, Esther Dr to Theater Rd	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
5. Street Paving - 10th Ave N Well to Quincy, Orchid Pl, Keith Pl and Lake St 8th Ave N to 10th Pl N	\$ -	\$ -	\$ -	\$ -	\$ 280,000	\$ 280,000
6. Street paving - Johnson St - L Hauser to Riders Club, Pine St - L Hauser to Riders Club, Grove St - Pine St to Johnson St, Schnick Rd - Kristy Ln to East Ave, L Hauser Rd - East Ave to end	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
7. Street Paving - S Kinney Coulee Rd from Pineview to East	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
8. Street paving - 11th Ave S - Main to Westview Circle Dr	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
9. Street Repaving - Troy St - 6th ave N to Oak Ave N	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
10. Street paving-Theater Rd from PH to Midwest Dr	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
11. N Kinney Coulee Rd - reconstruct to urban cross section, La Crosse City limit to 1,500 ft east	\$ -	\$ -	\$ 23,000	\$ -	\$ 292,000	\$ 315,000
12. Pralle Rd from CTH OS to Esther Dr - sanitary, storm, curb & gutter, sidewalk, crushed rock, asphalt pavement including Germann Ct	\$ 45,000	\$ -	\$ 65,000	\$ -	\$ 180,000	\$ 290,000

CITY OF ONALASKA  
2024 Capital Improvement Projects - *Proposed*

<i>6TH DRAFT - 8/28/2019</i>	<u>Sanitary</u>							
	<u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>		
<b><u>I. Public Works Department (Cont'd)</u></b>								
13. Watermain loop - high zone through Meadow Wood Addn	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 600,000	\$	600,000
14. Street name sign replacement	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$	75,000
15. Tandem axle dumptruck	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$	250,000
<b><u>II. Planning Department</u></b>								
16. NONE								
<b><u>III. Fire Department</u></b>								
17. Pick up truck - brush fires	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	\$	100,000
18. Water tanker	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000	\$	300,000
<b><u>IV. Parks &amp; Recreation Department</u></b>								
19. Thomas Farm Park								
a. Playground replacement	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	\$	75,000
b. Accessibility	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	\$	25,000
20. Northern area of the City								
a. Six (6) pickleball courts - Engineering	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000	\$	15,000
b. Construction	\$ -	\$ -	\$ -	\$ -	\$ 135,000	\$ 135,000	\$	135,000
21. Van Riper Park								
a. Aquatic Center - sand play area upgrades	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000	\$	80,000
<b><u>V. Police Department</u></b>								
22. Squad cars - (2)	\$ -	\$ -	\$ -	\$ -	\$ 138,000	\$ 138,000	\$	138,000

CITY OF ONALASKA  
2024 Capital Improvement Projects - *Proposed*

<i>6TH DRAFT - 8/28/2019</i>		<u>Sanitary</u>							
		<u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>		
<b><u>V. Police Department (Cont'd)</u></b>									
23.	Squad car - unmarked	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$	60,000	
<b><u>VI. Omni Center</u></b>									
24.	Chiller in Arena 1 overhaul	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$	50,000	
25.	Overhead doors in out building replaced	\$ -	\$ -	\$ -	\$ -	\$ 8,800	\$	8,800	
26.	Parking lot maintenance	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$	25,000	
27.	Window replacement Arena 1	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$	50,000	
<b><u>VII. Library</u></b>									
28.	Building maintenance	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$	50,000	
<b><u>VIII. City Hall</u></b>									
29.	Replace sign with a digital sign	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$	35,000	
<b><u>IX. Information Technology Dept</u></b>									
30.	NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-	
<b><u>X. City Clerk</u></b>									
31.	NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-	
<b><u>XI. City Attorney</u></b>									
32.	NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-	

CITY OF ONALASKA  
2024 Capital Improvement Projects - *Proposed*

	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
6TH DRAFT - 8/28/2019						
<u>XII. City Administration</u>						
33. NONE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTALS:</b>	<b>\$ 45,000</b>	<b>\$ 600,000</b>	<b>\$ 88,000</b>	<b>\$ -</b>	<b>\$ 4,188,800</b>	<b>\$ 4,921,800</b>

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

<b>11TH DRAFT - 8/28/2019</b>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>I. Public Works Department</u></b>						
1. Sidewalk program - Annual (NEW)						
a. Sidewalk replacement program	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
b. Miscellaneous repairs throughout City (including ADA ramps)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
2. Pavement maintenance (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
3. Green Coulee intersection improvements at East Main St (2015 #16, 2016 #7, 2017 #6, 2018 #6, 2019 #4)						
a. Design						
1) Schematic Design	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
2) Preliminary Design	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
3) Final Design	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
4) Construction	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000	\$ 1,300,000
4. Sand Lake Rd reconstruction - Redwood St to Riders Club Rd (2016 #14, 2017 #7, 2018 #7, 2019 #5)						
a. Design (2019)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
b. Construction (2020) - Mill/Overlay (PASER 3.0)	\$ -	\$ -	\$ -	\$ -	\$ 217,000	\$ 217,000
c. Access improvements & additional capacity (2025)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5. Railroad quiet zone study 2nd Ave SW & Irvin St						
a. Design Study (2013 #24, 2017 #3 & 2018 #3)	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
b. Construction (2017 #3, 2018 #3 & 2019 #7)	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
6. Street paving - Pinecrest Ln, Valley Ct, 13th Ave S, (2017 #22, 2018 #10, 2019 #8) (PASER 2.5)	\$ -	\$ -	\$ -	\$ -	\$ 139,000	\$ 139,000
7. Street paving - Troy St from East Ave to Oak & 6th Ave N from Troy to Vilas (2019 #21) (PASER 3.0)	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000

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

<i>11TH DRAFT - 8/28/2019</i>	<u>Sanitary</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<u>I. Public Works Department (Cont'd)</u>	<u>Sewer</u>					
8. Green Coulee water high service zone improvements Reservoir Design (2016 #9, 2017 #17, 2018 #10, 2019 #12)						
a. Design	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
b. Construction (2020) Est. \$1,000,000)	\$ -	\$ 1,250,000	\$ -	\$ -	\$ -	\$ 1,250,000
9. Traffic signal replacement/renovation (2018 #29, 2019 #18)						
a. Theater Rd & East Main St	\$ -	\$ -	\$ -	\$ -	\$ 170,000	\$ 170,000
10. Sand Lake Rd street lighting - Rolling Oaks to CTH SN (2018 #33, 2019 #20)	\$ -	\$ -	\$ -	\$ -	\$ 113,000	\$ 113,000
11. Update existing HVAC controls @ Public Works facility (2019 #34)	\$ 2,500	\$ 2,500	\$ 2,500	\$ -	\$ 2,500	\$ 10,000
12. Fiber computer cable from City Hall to Public Works Facility & Library (2019 #35)						
a. Design (2018)	\$ 10,000	\$ 10,000	\$ 3,000	\$ -	\$ 10,000	\$ 33,000
b. Construction (2019/2020)	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 200,000	\$ 300,000
13. SCADA System upgrades (NEW)	\$ 44,000	\$ 76,000	\$ -	\$ -	\$ -	\$ 120,000
14. Street paving - 10th Ave N from Monroe to Well, Pierce St from 10th to 11th, Larch, Monroe St from 9th to end (NEW) (PASER 3.0)	\$ -	\$ -	\$ -	\$ -	\$ 199,000	\$ 199,000
15. End loader - replace 1996 (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 188,000	\$ 188,000
16. Street paving - Oak Ave N from Grove St to Riders (NEW) Club Rd, Green Ridge Dr, Westwood Dr from Pine St to 10th Ave N, Grove St from Cliffview Ave to 10th Ave N, Grove St from Oak to Pine & Parkridge Pl (PASER 2.5)	\$ -	\$ -	\$ -	\$ -	\$ 324,000	\$ 324,000

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

<u>11TH DRAFT - 8/28/2019</u>	<u>Sanitary</u>								
	<u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>			
<b><u>I. Public Works Department (Cont'd)</u></b>									
17. Street reconstruction - Sunset Vista Subdivision (2018 #62)									
a. West Ave - Troy St to Royal	\$ 90,000	\$ 181,500	\$ 30,000	\$ -	\$ 207,500	\$ 509,000			
b. Park Ave W - Troy St to Park	\$ -	\$ -	\$ 43,000	\$ -	\$ 118,000	\$ 161,000			
c. Park Ave - Troy St to Royal St	\$ 151,000	\$ 181,000	\$ 30,000	\$ -	\$ 195,500	\$ 557,500			
d. 4th Ave N - Troy St to Quincy St	\$ 180,500	\$ 217,000	\$ 23,000	\$ -	\$ 243,500	\$ 664,000			
e. Royal St - STH 35 to East Ave	\$ 77,500	\$ 122,500	\$ -	\$ -	\$ 127,000	\$ 327,000			
18. Off street trail paving/maintenance (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000			
19. Salt brine maker (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 76,500	\$ 76,500			
20. Tandem axle dump truck - replace 1999 single-axle (NEW)									
a. Cab & chassis	\$ -	\$ -	\$ -	\$ -	\$ 95,000	\$ 95,000			
b. Controls, hydraulics, box, plow & equipment	\$ -	\$ -	\$ -	\$ -	\$ 155,000	\$ 155,000			
21. SS/Crossing Meadows WIS DOT (NEW) Project #1070-04-75	\$ -	\$ -	\$ -	\$ -	\$ 630,000	\$ 630,000			
22. Update City Stormwater Quality (NEW) Management Plan - MS4 Permit	\$ -	\$ -	\$ 47,000	\$ -	\$ -	\$ 47,000			
23. South Kinney Coulee lighting upgrades (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000			
24. Replacement wreaths & banners for (NEW) downtown streetlights	\$ -	\$ -	\$ -	\$ -	\$ 38,000	\$ 38,000			
25. Broham Investments Development - watermain along (NEW) STH 35, sanitary sewer along City pool site	\$ 82,000	\$ 162,000	\$ -	\$ -	\$ -	\$ 244,000			

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

<b>11TH DRAFT - 8/28/2019</b>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>I. Public Works Department (Cont'd)</u></b>						
26. 13th Ave N culdesac installation at Hilltopper Heights Park (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
27. Cemetery fence (2018 #26)	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
<b><u>II. Planning Department</u></b>						
28. Urban forestry - general (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
29. Urban forestry - new tree installation (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
<b><u>III. Fire Department</u></b>						
30. Land & Facilities (Proposed 2008)						
a. Purchase land (1.5 acres@\$7.00/sq ft)						
Fire Station #2 - STH 16 & I-90 vicinity	\$ -	\$ -	\$ -	\$ -	\$ 457,000	\$ 457,000
31. Pick up truck (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
32. Emergency Operation Center updates (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
33. Heart Monitors (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 29,000	\$ 29,000
34. Ladder truck/aerial apparatus (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000
<b><u>IV. Parks &amp; Recreation Department</u></b>						
35. Aquatic center repairs (NEW)						
a. Activity pool	\$ -	\$ -	\$ -	\$ -	\$ 145,888	\$ 145,888
b. Tile removal, joint repair & plaster	\$ -	\$ -	\$ -	\$ -	\$ 55,710	\$ 55,710
c. Back of gutter repair	\$ -	\$ -	\$ -	\$ -	\$ 9,345	\$ 9,345
36. Great River Landing (NEW)						
a. Building removal	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
b. Shelter Replacement	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

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

<b>11TH DRAFT - 8/28/2019</b>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>IV. Parks &amp; Recreation Department (Cont'd)</u></b>						
37. ADA improvements (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
<b><u>V. Police Department</u></b>						
38. Squad cars (2 ea) (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 117,250	\$ 117,250
39. Squad car - unmarked (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ 55,000
40. Portable radio replacment (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 70,300	\$ 70,300
<b><u>VI. Omni Center</u></b>						
41. Rink #2 chiller (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 485,000	\$ 485,000
42. Omni Center flooring (NEW)						
a. Carpet Arena #2 entry	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
b. Turf for shelter area (36'X125')	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
c. Locker room flooring	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
43. Omni Center generator (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 280,000	\$ 280,000
44. Walk behind floor scrubber (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 10,288	\$ 10,288
45. Replace Glycol (NEW)						
a. Polypropylene (500 gallons)	\$ -	\$ -	\$ -	\$ -	\$ 6,500	\$ 6,500
b. Ethylene (500 gallons)	\$ -	\$ -	\$ -	\$ -	\$ 10,270	\$ 10,270
46. Hockey goals and nets (2 sets) (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 2,680	\$ 2,680
47. ADA upgrades per Transition Plan (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
48. Pipes and bases (NEW)						
a. Vertical pipes (40 ea)	\$ -	\$ -	\$ -	\$ -	\$ 750	\$ 750
b. Horizontal pipes (25 ea)	\$ -	\$ -	\$ -	\$ -	\$ 750	\$ 750
c. Bases (50 ea)	\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ 2,000

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

<i>11TH DRAFT - 8/28/2019</i>	<u>Sanitary</u> <u>Sewer</u>	<u>Water</u>	<u>Storm Sewer</u>	<u>Tourism</u>	<u>General</u>	<u>Total Cost</u>
<b><u>VI. Omni Center (Cont'd)</u></b>						
49. Picnic table replacement - 24 ea (NEW) 6 to be ADA, new lumber	\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ 2,500
<b><u>VII. Library</u></b>						
50. HVAC upgrade (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 5,500	\$ 5,500
51. Parking lot - ADA slope repairs (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000
52. Tables & benches in teen area (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
53. Door hardware front entry doors (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000
<b><u>VIII. City Hall</u></b>						
54. Roof replacement over entire building (2019 #64)	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
55. 2nd floor Administrative Office remodel (2019 #68)						
a. HVAC work	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
b. Construction	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
56. HVAC controls (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 3,000
57. ADA improvements; restroom stalls, sinks (NEW) and grab bars	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
58. City Hall Capital Improvements Plan (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
59. Emergency management - generator upgrade (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 240,000	\$ 240,000
60. PD - spring replacement (3) overhead garage (NEW) doors	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 3,000
61. Replace air handler VFD's (NEW)	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000

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

<u>11TH DRAFT - 8/28/2019</u>	<u>Sanitary</u>		<u>Water</u>		<u>Storm Sewer</u>		<u>Tourism</u>		<u>General</u>		<u>Total Cost</u>
	<u>Sewer</u>										
<u>VIII. City Hall (Cont'd)</u>											
62. FD - floor repair in Station 1 (NEW)	\$	-	\$	-	\$	-	\$	-	\$	5,000	\$ 5,000
63. FD - power drops for tender & brush truck (NEW)	\$	-	\$	-	\$	-	\$	-	\$	3,500	\$ 3,500
64. Directional/office signage (NEW)	\$	-	\$	-	\$	-	\$	-	\$	10,000	\$ 10,000
<u>IX. Information Technology Dept</u>											
65. Phone system update, includes phones & installation/setup (2019 #71)	\$	-	\$	-	\$	-	\$	-	\$	50,000	\$ 50,000
66. Transfer of new hire info from NeoGov to Tyler Technologies (2019 #72)	\$	-	\$	-	\$	-	\$	-	\$	40,000	\$ 40,000
<u>X. City Clerk</u>											
67. NONE	\$	-	\$	-	\$	-	\$	-	\$	-	-
<u>XI. City Attorney</u>											
68. Municipal Code/Ordinance recodification (NEW)	\$	-	\$	-	\$	-	\$	-	\$	22,000	\$ 22,000
<u>XII. City Administration</u>											
69. Compensation study (NEW)	\$	-	\$	-	\$	-	\$	-	\$	35,000	\$ 35,000
	\$	687,500	\$	2,402,500	\$	178,500	\$	-	\$	9,908,731	\$ 13,177,231



## MEMORANDUM

### PUBLIC WORKS DEPARTMENT

TO: Board of Public Works

FROM: Jarrod Holter, City Engineer/Director of Public Works *JK*

DATE: September 3, 2019

CC:

RE: Hookup fees for 2700 and 2660 Abbey Road

Richard Volden brought in the properties at 2700 and 2660 Abbey Road for annexation to the City. His petition for annexation was received by the City in January 2019 with Common Council approval in March 2019 and final annexation ordinance going into effect May 2019.

Preliminary Resolution for assessments, for parcels within the City, was put into the Board of Public Works agenda in December 2018 and passed in January 2019. Final assessment resolution was passed in February 2019. Ordinance for charges to parcels outside the City was passed in May 2019.

As can be seen from the dates the annexation was too late for assessments but was in process prior to the passing of the ordinance for project charges to be applied. Mr. Volden is requesting to pay the charges for the utilities and street with the same conditions and time frame as those who were assessed. This would give Mr. Volden the length of the bond issue, twenty years, to pay the assessments. It is staff recommendation to allow Mr. Volden to pay the costs, as outlined in the Ordinance 1643 - 2019, with a time frame for payment as outlined for the project assessments in the Resolution 8-2019.

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

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
1. <b>SEH INC.</b> Green Coulee Reservoir Design Estimate #7	\$ 25,000.00	\$ -	\$ 14,734.93	\$ 688.27
2. <b>DAVY ENGINEERING</b> French Rd Booster Station/Crestwood Ln Design Estimate #11	\$ 126,490.00	\$ 76,010.00	\$ 207,175.18	\$ 5,785.39
3. <b>SEH INC.</b> Abbey Road Construction Estimate #5	\$ 34,600.00	\$ -	\$ 23,560.59	\$ 2,810.90
4. <b>GERKE EXCAVATING, INC</b> Abbey Road Project Construction Estimate #5	\$ 1,536,651.19	\$ -	\$ 939,216.57	\$ 343,490.21
5. <b>OLYMPIC BUILDERS GENERAL CONTRACTORS</b> 6th & Quincy Pumping Station Construction Estimate #5	\$ 989,678.00	\$ -	\$ 319,376.70	\$ 87,495.00
6. <b>FOWLER &amp; HAMMER INC</b> 2019 Misc. Concrete Construction Estimate #4	\$ 109,838.75	\$ -	\$ 47,500.00	\$ 13,015.00
7. <b>STRAND ASSOCIATES</b> 6th & Quincy Lift Station Construction Estimate #4	\$ 33,000.00	\$ -	\$ 20,798.92	\$ 2,410.76
8. <b>MATHY CONSTRUCTION</b> 2019 Pavement Project Construction Estimate #3	\$ 1,082,820.45	\$ -	\$ 628,125.61	\$ 81,111.14

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

<u>Contractor</u>	<u>Original Contract Amount</u>	<u>Change Orders</u>	<u>Paid to Date</u>	<u>Due this Estimate</u>
9. <b>MSA PROFESSIONAL SERVICES</b> Green Coulee Intersection Design Estimate #6	\$ 91,458.00	\$ -	\$ 42,360.09	\$ 2,071.85
10. <b>STRAND ASSOCIATES</b> Court St Lift Station Construction Estimate #1	\$ 24,300.00	\$ -	\$ -	\$ 3,704.22
11. <b>FOWLER &amp; HAMMER INC</b> 2019 Irvin St Streetscaping & Paseo Construction Estimate #2	\$ 225,854.00	\$ -	\$ 142,500.00	\$ 47,119.35
12. <b>GERKE EXCAVATING INC</b> 2019 Utility Project Construction Estimate #2	\$ 1,287,302.00	\$ -	\$ 253,214.67	\$ 180,776.35
13. <b>ALL AMERICAN LUMBER INC</b> Public Works Facility Addition Construction Estimate #1	\$ 1,155,183.00	\$ -	\$ -	\$ 137,618.14