

# Fee Proposal

Fee Proposal & Level of Effort - Village of Wind Point - E. Four Mile Road from Main Street to Lighthouse Drive 5,270 LF Project Length (PHASE 1)								
Task		Staff				Fees	Total	Total
		Sr. Project Manager	Sr. Project Engineer	Project Engineer	Civil Engineer I			
		J. Feucht / T. Hartjes / M. Ratzburg	P. Arend	R. Wielgos	M. Keller / A. Locascio		Dollars	Hours
<b>Task 1 - General - Design Engineering</b>								
Task 1 A 1	5,270 LF Rehabilitation Roadway Design for E. Four Mile Road	See below for Project Hours						
<b>Task 2 - Design Reports</b>								
Task 2	No Design Reports are anticipated or included in the level of effort	See below for Project Hours						
<b>Task 3 - Agency Coordination</b>								
Task 3 A	County Coordination		2		8		\$1,308	10
Task 3 A	DNR Coordination		2		8		\$1,308	10
Task 3 A	Village of Caledonia Roadway Coordination	8			8		\$2,520	16
Task 3 A	Village of Caledonia Water Main Coordination	4	8				\$2,208	12
Task 3 B	WDNR NOI (Chapter 216) Permit	2	4		8		\$2,056	14
Task 3 B	WDNR Watermain Extension Permit	2	12				\$2,528	14
Task 3 B	Racine County Detour Permit (Work within Right of Way)	2			8		\$1,344	10
<b>Task 3 Subtotal</b>		<b>18</b>	<b>28</b>		<b>40</b>		<b>\$13,272.00</b>	<b>86</b>
<b>Task 4 - Utility Coordination</b>								
Task 4 A1	Conduct Utility Notifications based on positive responses from Diggers Hotline ticket information		2		8		\$1,308	10
Task 4 A2	Utility Notifications to Village throughout the project - Anticipated monthly	6			12		\$2,604	18
Task 4 A3	Conduct three separate Utility Coordination Meetings (Virtually)	6	12		8		\$4,264	26
Task 4 B3	Spreadsheet listing Utility status and correspondence dates (in lieu of DT 1080) post 60% prior to final submittal	1			4		\$672	5
<b>Task 4 Subtotal</b>		<b>13</b>	<b>14</b>		<b>32</b>		<b>\$8,848.00</b>	<b>59</b>
<b>Task 5 - Public Involvement</b>								
Task 5 A1	Conduct two Public Involvement Meetings (Assume 3 hours each)	6	6	6	6		\$3,978	24
Task 5 A2	Exhibits and Handouts for PIM	6			24		\$4,032	30
Task 5 A3	Summary Report after each PIM			12			\$2,040	12
Task 5 A4	Post PIM meeting with Village (2) to discuss comments	4		4			\$1,464	8
<b>Task 5 Subtotal</b>		<b>16</b>	<b>6</b>	<b>22</b>	<b>30</b>		<b>\$11,514.00</b>	<b>74</b>
<b>Task 6 - Meetings</b>								
Task 6A	Operational Planning Meeting (Kick-off Meeting)	2	2	2	4		\$1,564	10
Task 6B	Final Plan Review Meeting	2	2	2	4		\$1,564	10
Task 6C	Pre-construction Meeting	2		2			\$732	4
Task 6D	Coordinate Soils and Sub-surface investigation		4	4			\$1,392	8
Task 6E	Bi-monthly Village Staff meetings (16 meetings assumed - 12 virtual 4 in person) - the entire team will not attend each meeting - only needed staff - PM assumed to be at each meeting	16	8	8	8		\$6,872	40
<b>Task 6 Subtotal</b>		<b>22</b>	<b>16</b>	<b>18</b>	<b>16</b>		<b>\$12,124</b>	<b>72</b>
<b>Task 7 - Surveys</b>								
Task 7A, B & D	Topographic Survey 100' corridor (50' each side of centerline) including storm sewer, sanitary, and water locations along with visible utilities and Diggers Hotline - one single request tied to section corners	1			12	\$22,500	\$24,124	13
Task 7C	Not Applicable							
<b>Task 7 Subtotal</b>		<b>1</b>			<b>12</b>	<b>\$22,500.00</b>	<b>\$24,124</b>	<b>13</b>
<b>Task 8 - Soils and Subsurface Investigations</b>								
Task 8A-D	Soil Borings ~500' spacing at 10' depth and pavement analysis report - subconsultant - Terracon	4	6	12		\$11,500	\$15,392	22
<b>Task 8 Subtotal</b>		<b>4</b>	<b>6</b>	<b>12</b>		<b>\$11,500.00</b>	<b>\$15,392</b>	<b>22</b>
<b>Task 9 - Road Plans</b>								
Task 9A	Alignments and profiles (30 & 60% Designs)	8		24	60		\$12,788	92
Task 9D	Existing drainage system review for the 10-year event & report	4	40		60		\$15,044	104
Task 9F	CAD Plans - Title Sheet (1), Notes Sheet (1), Typical Sections (existing & proposed) (2), Roadway Plan & Profile (10), Grading & Erosion Control Sheets (5), Traffic Control Sheets (2), Staging Sheets (10), Watermain Plan & Profile (10), Cross Sections (every 50 LF) (18), Details Sheets (8) - estimated 67 sheet plan set	20	40	20	220		\$40,620	300
Task 9G	Plan Quantities (Draft and Final)	4	12	12	30		\$8,530	58
Task 9H	Preliminary Plan (60%)	2	8	8	24		\$6,032	42
Task 9M	Project Site Plan Review	8	4	4	8		\$3,912	24
<b>Task 9 Subtotal</b>		<b>46</b>	<b>104</b>	<b>68</b>	<b>402</b>		<b>\$86,926</b>	<b>620</b>
<b>Task 10 - Plans Specifications &amp; Estimates</b>								
Task 10A & B	Draft and Final PS&E Documents hardcopy and electronic copy	4	16	16	40		\$11,112	76
Task 10C	One set of final plans and specifications for each utility prior to PSE - assume 6	4			16		\$2,688	20
<b>Task 10 Subtotal</b>		<b>8</b>	<b>16</b>	<b>16</b>	<b>56</b>		<b>\$13,800</b>	<b>96</b>
<b>Task 11 - Real Estate Services - See If Authorized</b>								
<b>Task 11 Subtotal</b>								
<b>Subtotal</b>						<b>\$34,000.00</b>	<b>\$186,000.00</b>	<b>1042</b>
<b>Estimated Reimbursable Expenses</b>						\$2,175	\$2,175	
<b>Subtotal</b>						<b>\$2,175</b>	<b>\$2,175.00</b>	
<b>Total</b>						<b>\$36,175</b>	<b>\$188,175</b>	<b>1042</b>
(If Authorized)	Wetland Reconnaissance and Delineation E. Four Mile Road from Main Street to Lighthouse Drive		2	4		\$9,700	\$10,736	6
(If Authorized - Task 11)	Establish electronically the existing right of way based off attained title reports, other recorded county documents, and field investigation (assume 37 title reports required @\$375 each) 72 total parcels assumed	16			24	\$23,375	\$29,367	40
Not Included	Utility Coordination will be in conjunction with typical municipal let projects and not follow the WisDOT procedures or Trans 220 process, but instead a hybrid approach used on past municipal projects							
Not Included	Right of Way Acquisition or Appraisals							
Not Included	Formalized Right of Way Plat Preparation or Submittal							
Not Included	Right of Way Staking for Easements, Appraisals, or Utility Relocations							
Not Included	Alternative Analysis Roadway Geometric Design							
Not Included	Water main system sizing, pressure or volume analysis							
Not Included	FEMA coordination, floodplain/floodway modeling							
Not Included	Post-Construction Storm Water Management for Project (Assumed exempt per NR 151.24 (1) (d))							
Not Included	DNR Chapter 30 Permitting							
Not Included	Revetment Design, Analysis, Geotechnical Investigation, or Permitting							
Not Included	Existing Sanitary or storm sewer structure investigations							

# Fee Proposal

Fee Proposal & Level of Effort - Village of Wind Point - E. Three Mile Road from Main Street to Lighthouse Drive 1,780 LF & Lighthouse Drive from Three Mile Road to Four Mile Road 6,770 LF (PHASE 2)								
Task		Staff				Fees	Total Dollars	Total Hours
		Sr. Project Manager	Sr. Project Engineer	Project Engineer	Civil Engineer I			
		J. Feucht / T. Hartjes / M. Ratzburg	P. Arend	R. Wielgos	M. Keller / A. Locascio			
		\$196	\$178	\$170	\$119			
<b>Task 1 - General - Design Engineering</b>								
Task 1 A 2	3,490 LF Rehabilitation Roadway Design for Lighthouse Drive from E. Four Mile through Scoops Park	See below for Project Hours						
Task 1 A 3	3,280 LF Rehabilitation Roadway Design for Lighthouse Drive from 4350 Lighthouse to E. Three Mile Road							
Task 1 A 4	1,780 LF Rehabilitation Roadway Design for E. Three Mile Road from Main Street to Lighthouse Drive							
<b>Task 2 - Design Reports</b>								
Task 2	No Design Reports are anticipated or included in the level of effort	See below for Project Hours						
<b>Task 3 - Agency Coordination</b>								
Task 3 A	County Coordination		2		8		\$1,308	10
Task 3 A	DNR Coordination		4		16		\$2,616	20
Task 3 A	Village of Caledonia Water Main Coordination	4	16				\$3,632	20
Task 3 B	WDNR NOI (Chapter 216) Permit (two permits)	4	8		24		\$5,064	36
Task 3 B	WDNR Watermain Extension Permit (two permits)	4	24				\$5,056	28
Task 3 B	Racine County Detour Permit (Work within Right of Way) (two permits)	2			12		\$1,820	14
<b>Task 3 Subtotal</b>		<b>14</b>	<b>54</b>		<b>60</b>		<b>\$19,496.00</b>	<b>128</b>
<b>Task 4 - Utility Coordination</b>								
Task 4 A1	Conduct Utility Notifications based on positive responses from Diggers Hotline ticket information		2		8		\$1,308	10
Task 4 A2	Utility Notifications to Village throughout the project - Anticipated monthly	6			16		\$3,080	22
Task 4 A3	Conduct three separate Utility Coordination Meetings (Virtually)	6	12		8		\$4,264	26
Task 4 B3	Spreadsheet listing Utility status and correspondence dates (in lieu of DT 1080) post 60% prior to final submittal	1			4		\$672	5
<b>Task 4 Subtotal</b>		<b>13</b>	<b>14</b>		<b>36</b>		<b>\$9,324.00</b>	<b>63</b>
<b>Task 5 - Public Involvement</b>								
Task 5 A1	Conduct two Public Involvement Meetings (Assume 3 hours each)	6	6	6	6		\$3,978	24
Task 5 A2	Exhibits and Handouts for PIM	6			24		\$4,032	30
Task 5 A3	Summary Report after each PIM			12			\$2,040	12
Task 5 A4	Post PIM meeting with Village (2) to discuss comments	4		4			\$1,464	8
<b>Task 5 Subtotal</b>		<b>16</b>	<b>6</b>	<b>22</b>	<b>30</b>		<b>\$11,514.00</b>	<b>74</b>
<b>Task 6 - Meetings</b>								
Task 6A	Operational Planning Meeting (Kick-off Meeting)	2	2	2	4		\$1,564	10
Task 6B	Final Plan Review Meeting	2	2	2	4		\$1,564	10
Task 6C	Pre-construction Meeting	2		2			\$732	4
Task 6D	Coordinate Soils and Sub-surface investigation		4	4			\$1,392	8
Task 6E	Village Staff meetings (16 meetings assumed - 12 virtual 4 in person) - the entire team will not attend each meeting - only needed staff - PM assumed to be at each meeting	16	8	8	8		\$6,872	40
<b>Task 6 Subtotal</b>		<b>22</b>	<b>16</b>	<b>18</b>			<b>\$12,124</b>	<b>72</b>
<b>Task 7 - Surveys</b>								
Task 7A, B & D	Topographic Survey 100' corridor (50' each side of centerline) including storm sewer, sanitary, and water locations along with visible utilities and Diggers Hotline - one single request tied to section corners	4	16	16		\$34,000	\$40,352	36
Task 7C	Not Applicable							
<b>Task 7 Subtotal</b>		<b>4</b>	<b>16</b>	<b>16</b>		<b>\$34,000.00</b>	<b>\$40,352</b>	<b>36</b>
<b>Task 8 - Soils and Subsurface Investigations</b>								
Task 8A-D	Soil Borings ~500' spacing at 10' depth and one pavement analysis report - subconsultant - Terracon	4	6	12		\$17,300	\$21,192	22
<b>Task 8 Subtotal</b>		<b>4</b>	<b>6</b>	<b>12</b>		<b>\$17,300.00</b>	<b>\$21,192</b>	<b>22</b>
<b>Task 9 - Road Plans</b>								
Task 9A	Alignments and profiles (30 & 60% Designs)	8		60	120		\$26,048	188
Task 9D	Existing drainage system review for the 10-year event & report	4	60		80		\$20,984	144
Task 9F	CAD Plans - Title Sheet (2), Notes Sheet (2), Typical Sections (existing & proposed) (2), Roadway Plan & Profile (17), Grading & Erosion Control Sheets (9), Traffic Control Sheets (2), Staging Sheets (17), Watermain Plan & Profile (17), Cross Sections (every 50 LF) (29), Details Sheets (16) - estimated 113 sheets into two plan sets	40	50	50	280		\$58,560	420
Task 9G	Plan Quantities (Draft and Final)	4	20	20	48		\$13,456	92
Task 9H	Preliminary Plan (60%)	2	12	12	60		\$11,708	86
Task 9M	Project Site Plan Review	8	4	4	8		\$3,912	24
<b>Task 9 Subtotal</b>		<b>66</b>	<b>146</b>	<b>146</b>	<b>596</b>		<b>\$134,668</b>	<b>954</b>
<b>Task 10 - Plans Specifications &amp; Estimates</b>								
Task 10A & B	Draft and Final PS&E Documents hardcopy and electronic copy (assume two project bid documents and plans)	8	20	20	80		\$18,048	128
Task 10C	One set of final plans and specifications for each utility prior to PSE - assume 6	4			16		\$2,688	20
<b>Task 10 Subtotal</b>		<b>12</b>	<b>20</b>	<b>20</b>	<b>96</b>		<b>\$20,736</b>	<b>148</b>
<b>Task 11 - Real Estate Services - See If Authorized</b>								
<b>Task 11 Subtotal</b>								
<b>Subtotal</b>		<b>151</b>	<b>278</b>	<b>234</b>	<b>818</b>	<b>\$51,300.00</b>	<b>\$269,406.00</b>	<b>1497</b>
<b>Estimated Reimbursable Expenses</b>						\$3,325	\$3,325	
<b>Subtotal</b>						<b>\$3,325</b>	<b>\$3,325.00</b>	
<b>Total</b>		<b>151</b>	<b>278</b>	<b>234</b>		<b>\$54,625</b>	<b>\$272,731</b>	<b>1497</b>
(If Authorized)	Wetland Reconnaissance and Delineation Lighthouse Drive from E. Four Mile Road to E. Three Mile Road & E. Three Mile Road to Main Street (Phase 2)		4	6		\$12,500	\$14,232	10
(If Authorized - Task 11)	Establish electronically the existing right of way based off attained title reports, other recorded county documents, and field investigation (assume 25 title reports required @\$375 each) 77 total parcels assumed	16			24	\$19,500	\$25,492	40
Not Included	Utility Coordination will be in conjunction with typical municipal let projects and not follow the WisDOT procedures or Trans 220 process, but instead a hybrid approach used on past municipal projects							
Not Included	Right of Way Acquisition or Appraisals							
Not Included	Formalized Right of Way Plat Preparation or Submittal							
Not Included	Right of Way Staking for Easements, Appraisals, or Utility Relocations							
Not Included	Alternative Analysis Roadway Geometric Design							
Not Included	Water main system sizing, pressure or volume analysis							
Not Included	FEMA coordination, floodplain/floodway modeling							
Not Included	Post-Construction Storm Water Management for Project (Assumed exempt per NR 151.24 (1) (d))							
Not Included	DNR Chapter 30 Permitting							
Not Included	Revetment Design, Analysis, Geotechnical Investigation, or Permitting							
Not Included	Existing Sanitary or storm sewer structure investigations							