



Bid Tabulation- 2019 Retaining Wall Repair Program
 Charter Township of Bloomfield
 4200 Telegraph Rd., Bloomfield Township, MI 48302

Oak Construction Corp.
7077 South Fork Drive
Swartz Creek, MI 48473

Merlo Construction Co.
4964 Technical Drive
Milford, MI 48381

Lacaria Concrete Const., Inc.
3720 Central Ave.
Detroit, MI 48210

<u>Bid Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Cost</u>	<u>Unit Price</u>	<u>Total Cost</u>	<u>Unit Price</u>	<u>Total Cost</u>
<u>Location No. 1 - Woodward Avenue North of Hickory Grove Road</u>								
1. Mobilization (10% Max)	1	Lsum	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,300.00	\$ 5,300.00
2. Color Audio Video Route Survey	1	Lsum	\$ 1,800.00	\$ 1,800.00	\$ 500.00	\$ 500.00	\$ 3,900.00	\$ 3,900.00
3. Erosion Control, Silt Fence	100	Lft	\$ 5.00	\$ 500.00	\$ 3.00	\$ 300.00	\$ 20.00	\$ 2,000.00
4. Fence, Split Rail, Remove, Salvage	140	Lft	\$ 10.00	\$ 1,400.00	\$ 20.00	\$ 2,800.00	\$ 39.00	\$ 5,460.00
5. Segmental Block Retaining Wall, Remove, Salvage	70	Lft	\$ 50.00	\$ 3,500.00	\$ 20.00	\$ 1,400.00	\$ 300.00	\$ 21,000.00
6. Sidewalk, Rem	1,160	Sft	\$ 3.00	\$ 3,480.00	\$ 6.00	\$ 6,960.00	\$ 3.50	\$ 4,060.00
7. Clearing and Grading, Site No. 1	1	Lsum	\$ 3,000.00	\$ 3,000.00	\$ 10,500.00	\$ 10,500.00	\$ 7,800.00	\$ 7,800.00
8. Sidewalk, Conc, 4 inch	864	Sft	\$ 7.00	\$ 6,048.00	\$ 7.00	\$ 6,048.00	\$ 8.50	\$ 7,344.00
9. Structure Adjust	2	Ea	\$ 200.00	\$ 400.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00
10. Turf Establishment, Performance, Modified	220	Syd	\$ 5.00	\$ 1,100.00	\$ 23.00	\$ 5,060.00	\$ 13.00	\$ 2,860.00
11. Traffic Control and Misc Site Access Costs	1	Lsum	\$ 3,000.00	\$ 3,000.00	\$ 7,500.00	\$ 7,500.00	\$ 8,500.00	\$ 8,500.00
12. Observation Crew Days	\$ 800	/DAY	7	\$ 5,600.00	3	\$ 2,400.00	13	\$ 10,400.00
SUBTOTAL LOCATION NO. 1				\$ 31,828.00	\$ 48,468.00	\$ 80,624.00		
<u>Location No. 2 - Telegraph Road South of Barlyn Lane</u>								
13. Mobilization (10% Max)	1	Lsum	\$ 4,000.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 7,000.00	\$ 7,000.00
14. Color Audio Video Route Survey	1	Lsum	\$ 1,800.00	\$ 1,800.00	\$ 300.00	\$ 300.00	\$ 3,900.00	\$ 3,900.00
15. Erosion Control, Silt Fence	200	Lft	\$ 5.00	\$ 1,000.00	\$ 3.00	\$ 600.00	\$ 20.00	\$ 4,000.00
16. Fence, Split Rail, Remove, Salvage	170	Lft	\$ 10.00	\$ 1,700.00	\$ 20.00	\$ 3,400.00	\$ 20.00	\$ 3,400.00
17. Segmental Block Retaining Wall, Remove, Salvage	170	Lft	\$ 50.00	\$ 8,500.00	\$ 30.00	\$ 5,100.00	\$ 300.00	\$ 51,000.00
18. Sidewalk, Rem	964	Sft	\$ 3.00	\$ 2,892.00	\$ 6.00	\$ 5,784.00	\$ 3.50	\$ 3,374.00
19. Clearing and Grading, Site No. 2	1	Lsum	\$ 8,000.00	\$ 8,000.00	\$ 11,500.00	\$ 11,500.00	\$ 8,500.00	\$ 8,500.00
20. Sidewalk, Conc, 4 inch	964	Sft	\$ 7.00	\$ 6,748.00	\$ 7.00	\$ 6,748.00	\$ 8.50	\$ 8,194.00
21. Fence, Split Rail, Reinstall	170	Lft	\$ 10.00	\$ 1,700.00	\$ 30.00	\$ 5,100.00	\$ 20.00	\$ 3,400.00



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22. Turf Establishment, Performance, Modified	500	Syd	\$ 5.00	\$ 2,500.00	\$ 23.00	\$ 11,500.00	\$ 13.00	\$ 6,500.00
23. Temporary Slope Protection (E9)	290	Syd	\$ 10.00	\$ 2,900.00	\$ 16.00	\$ 4,640.00	\$ 30.00	\$ 8,700.00
24. Traffic Control and Misc Site Access Costs	1	Lsum	\$ 3,000.00	\$ 3,000.00	\$ 8,500.00	\$ 8,500.00	\$ 8,500.00	\$ 8,500.00
25. Observation Crew Days	\$ 800	/DAY	6	\$ 4,800.00	3	\$ 2,400.00	14	\$ 11,200.00
SUBTOTAL LOCATION NO. 2				\$ 49,540.00		\$ 71,572.00		\$ 127,668.00

Location No. 3 - Telegraph Road North of Long Lake Road

26. Mobilization (10% Max)	1	Lsum	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00
27. Color Audio Video Route Survey	1	Lsum	\$ 1,800.00	\$ 1,800.00	\$ 300.00	\$ 300.00	\$ 3,900.00	\$ 3,900.00
28. Erosion Control, Silt Fence	100	Lft	\$ 5.00	\$ 500.00	\$ 3.00	\$ 300.00	\$ 20.00	\$ 2,000.00
29. Segmental Block Retaining Wall, Remove, Salvage	114	Lft	\$ 50.00	\$ 5,700.00	\$ 28.00	\$ 3,192.00	\$ 300.00	\$ 34,200.00
30. Clearing and Grading, Site No. 3	1	Lsum	\$ 4,000.00	\$ 4,000.00	\$ 10,000.00	\$ 10,000.00	\$ 8,500.00	\$ 8,500.00
31. Turf Establishment, Performance, Modified	320	Syd	\$ 5.00	\$ 1,600.00	\$ 23.00	\$ 7,360.00	\$ 20.00	\$ 6,400.00
32. Traffic Control and Misc Site Access Costs	1	Lsum	\$ 2,000.00	\$ 2,000.00	\$ 6,500.00	\$ 6,500.00	\$ 8,500.00	\$ 8,500.00
33. Observation Crew Days	\$ 800	/DAY	5	\$ 4,000.00	3	\$ 2,400.00	9	\$ 7,200.00
SUBTOTAL LOCATION NO. 3				\$ 21,600.00		\$ 32,552.00		\$ 76,700.00

Location No. 4 - Lone Pine Road West of Lone Pine Lane

34. Mobilization (10% Max)	1	Lsum	\$ 2,000.00	\$ 2,000.00	\$ 2,400.00	\$ 2,400.00	\$ 8,000.00	\$ 8,000.00
35. Color Audio Video Route Survey	1	Lsum	\$ 1,800.00	\$ 1,800.00	\$ 300.00	\$ 300.00	\$ 3,900.00	\$ 3,900.00
36. Erosion Control, Silt Fence	150	Lft	\$ 5.00	\$ 750.00	\$ 3.00	\$ 450.00	\$ 20.00	\$ 3,000.00
37. Tree, Rem, 6 inch to 18 inch	3	Ea	\$ 700.00	\$ 2,100.00	\$ 1,500.00	\$ 4,500.00	\$ 1,000.00	\$ 3,000.00
38. Segmental Block Retaining Wall, Remove, Salvage	152	Lft	\$ 50.00	\$ 7,600.00	\$ 20.00	\$ 3,040.00	\$ 300.00	\$ 45,600.00
39. Clearing and Grading, Site No. 5	1	Lsum	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,500.00	\$ 8,500.00
40. Turf Establishment, Performance, Modified	300	Syd	\$ 5.00	\$ 1,500.00	\$ 23.00	\$ 6,900.00	\$ 25.00	\$ 7,500.00



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41. Traffic Control and Misc Site Access Costs	1	Lsum	\$ 2,000.00	\$ 2,000.00	\$ 5,500.00	\$ 5,500.00	\$ 10,000.00	\$ 10,000.00
42. Observation Crew Days	\$ 800	/DAY	7	\$ 5,600.00	3	\$ 2,400.00	10	\$ 8,000.00
SUBTOTAL LOCATION NO. 4				\$ 27,350.00	\$ 33,490.00	\$ 97,500.00		
<u>Location No. 5 - Lone Pine Road West of Lone Pine Woods</u>								
43. Mobilization (10% Max)	1	Lsum	\$ 1,000.00	\$ 1,000.00	\$ 1,800.00	\$ 1,800.00	\$ 4,500.00	\$ 4,500.00
44. Color Audio Video Route Survey	1	Lsum	\$ 1,800.00	\$ 1,800.00	\$ 300.00	\$ 300.00	\$ 3,900.00	\$ 3,900.00
45. Erosion Control, Silt Fence	100	Lft	\$ 5.00	\$ 500.00	\$ 3.00	\$ 300.00	\$ 20.00	\$ 2,000.00
46. Tree, Rem, 6 inch to 18 inch	1	Ea	\$ 300.00	\$ 300.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00
47. Segmental Block Retaining Wall, Remove, Salvage	64	Lft	\$ 50.00	\$ 3,200.00	\$ 16.00	\$ 1,024.00	\$ 300.00	\$ 19,200.00
48. Clearing and Grading, Site No. 5	1	Lsum	\$ 3,000.00	\$ 3,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
49. Turf Establishment, Performance, Modified	80	Syd	\$ 5.00	\$ 400.00	\$ 23.00	\$ 1,840.00	\$ 25.00	\$ 2,000.00
50. Traffic Control and Misc Site Access Costs	1	Lsum	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,500.00	\$ 8,500.00
51. Observation Crew Days	\$ 800	/DAY	3	\$ 2,400.00	3	\$ 2,400.00	9	\$ 7,200.00
SUBTOTAL LOCATION NO. 5				\$ 14,600.00	\$ 24,164.00	\$ 58,300.00		
<u>Location No. 6 - Lahser Road North of Maxwell Court</u>								
52. Mobilization (10% Max)	1	Lsum	\$ 3,000.00	\$ 3,000.00	\$ 4,500.00	\$ 4,500.00	\$ 8,000.00	\$ 8,000.00
53. Color Audio Video Route Survey	1	Lsum	\$ 1,800.00	\$ 1,800.00	\$ 300.00	\$ 300.00	\$ 3,900.00	\$ 3,900.00
54. Erosion Control, Silt Fence	100	Lft	\$ 5.00	\$ 500.00	\$ 3.00	\$ 300.00	\$ 20.00	\$ 2,000.00
55. Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 700.00	\$ 1,400.00	\$ 1,500.00	\$ 3,000.00	\$ 1,000.00	\$ 2,000.00
56. Fence, Split Rail, Remove, Salvage	100	Lft	\$ 10.00	\$ 1,000.00	\$ 20.00	\$ 2,000.00	\$ 20.00	\$ 2,000.00
57. Segmental Block Retaining Wall, Remove	84	Lft	\$ 50.00	\$ 4,200.00	\$ 16.00	\$ 1,344.00	\$ 100.00	\$ 8,400.00
58. Sidewalk, Rem	600	Sft	\$ 3.00	\$ 1,800.00	\$ 6.00	\$ 3,600.00	\$ 3.50	\$ 2,100.00
59. Clearing and Grading, Site No. 6	1	Lsum	\$ 4,000.00	\$ 4,000.00	\$ 11,000.00	\$ 11,000.00	\$ 8,500.00	\$ 8,500.00



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60. Sidewalk, Conc, 4 inch	540	Sft	\$ 7.00	\$ 3,780.00	\$ 7.00	\$ 3,780.00	\$ 8.50	\$ 4,590.00
61. Sidewalk Ramp, Conc, 6 inch	60	Sft	\$ 15.00	\$ 900.00	\$ 12.00	\$ 720.00	\$ 15.00	\$ 900.00
62. Detectable Warning	6	Lft	\$ 50.00	\$ 300.00	\$ 45.00	\$ 270.00	\$ 300.00	\$ 1,800.00
63. Segmental Block Retaining Wall, Reinstall	150	Sft	\$ 50.00	\$ 7,500.00	\$ 40.00	\$ 6,000.00	\$ 150.00	\$ 22,500.00
64. Fence, Split Rail, Reinstall	92	Lft	\$ 10.00	\$ 920.00	\$ 20.00	\$ 1,840.00	\$ 30.00	\$ 2,760.00
65. Turf Establishment, Performance, Modified	150	Syd	\$ 5.00	\$ 750.00	\$ 23.00	\$ 3,450.00	\$ 20.00	\$ 3,000.00
66. Traffic Control and Misc Site Access Costs	1	Lsum	\$ 3,000.00	\$ 3,000.00	\$ 8,000.00	\$ 8,000.00	\$ 10,000.00	\$ 10,000.00
67. Observation Crew Days	\$ 800	/DAY	4	\$ 3,200.00	5	\$ 4,000.00	10	\$ 8,000.00
SUBTOTAL LOCATION NO. 6				\$ 38,050.00	\$ 54,104.00	\$ 90,450.00		

Location No. 7 - Lahser Road South of Maple Road

68. Mobilization (10% Max)	1	Lsum	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00
69. Color Audio Video Route Survey	1	Lsum	\$ 1,800.00	\$ 1,800.00	\$ 300.00	\$ 300.00	\$ 3,600.00	\$ 3,600.00
70. Erosion Control, Silt Fence	240	Lft	\$ 5.00	\$ 1,200.00	\$ 3.00	\$ 720.00	\$ 20.00	\$ 4,800.00
71. Segmental Block Retaining Wall, Remove, Salvage	180	Lft	\$ 50.00	\$ 9,000.00	\$ 26.00	\$ 4,680.00	\$ 100.00	\$ 18,000.00
72. Clearing and Grading, Site No. 7	1	Lsum	\$ 4,000.00	\$ 4,000.00	\$ 10,000.00	\$ 10,000.00	\$ 8,500.00	\$ 8,500.00
73. Segmental Block Retaining Wall, Reinstall	328	Sft	\$ 50.00	\$ 16,400.00	\$ 40.00	\$ 13,120.00	\$ 100.00	\$ 32,800.00
74. Foundation Drain, 4 inch	192	Lft	\$ 10.00	\$ 1,920.00	\$ 11.00	\$ 2,112.00	\$ 40.00	\$ 7,680.00 *
75. Turf Establishment, Performance, Modified	140	Syd	\$ 5.00	\$ 700.00	\$ 23.00	\$ 3,220.00	\$ 20.00	\$ 2,800.00
76. Traffic Control and Misc Site Access Costs	1	Lsum	\$ 2,000.00	\$ 2,000.00	\$ 6,500.00	\$ 6,500.00	\$ 8,500.00	\$ 8,500.00
77. Observation Crew Days	\$ 800	/DAY	7	\$ 5,600.00	4	\$ 3,200.00	10	\$ 8,000.00
SUBTOTAL LOCATION NO. 7				\$ 45,620.00	\$ 47,852.00	\$ 98,180.00 *		



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<u>Location No. 8 -Wabeek Lake Drive South of Golf Rdige Drive</u>								
78. Mobilization (10% Max)	1	Lsum	\$ 5,000.00	\$ 5,000.00	\$ 13,000.00	\$ 13,000.00	\$ 8,500.00	\$ 8,500.00
79. Color Audio Video Route Survey	1	Lsum	\$ 1,800.00	\$ 1,800.00	\$ 600.00	\$ 600.00	\$ 3,900.00	\$ 3,900.00
80. Erosion Control, Silt Fence	400	Lft	\$ 5.00	\$ 2,000.00	\$ 3.00	\$ 1,200.00	\$ 20.00	\$ 8,000.00
81. Segmental Block Retaining Wall, Remove, Salvage	378	Lft	\$ 50.00	\$ 18,900.00	\$ 28.00	\$ 10,584.00	\$ 100.00	\$ 37,800.00
82. Clearing and Grading, Site No. 8	1	Lsum	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 8,500.00	\$ 8,500.00
83. Segmental Block Retaining Wall, Reinstall	1,220	Sft	\$ 50.00	\$ 61,000.00	\$ 40.00	\$ 48,800.00	\$ 85.00	\$ 103,700.00
84. Foundation Drain, 4 inch	380	Lft	\$ 10.00	\$ 3,800.00	\$ 17.00	\$ 6,460.00	\$ 30.00	\$ 11,400.00
85. Turf Establishment, Performance, Modified	1,330	Syd	\$ 5.00	\$ 6,650.00	\$ 23.00	\$ 30,590.00	\$ 20.00	\$ 26,600.00
86. Traffic Control and Misc Site Access Costs	1	Lsum	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 8,500.00	\$ 8,500.00
87. Observation Crew Days	\$ 800	/DAY	10	\$ 8,000.00	23	\$ 18,400.00	12	\$ 9,600.00
SUBTOTAL LOCATION NO. 8				\$ 124,150.00		\$ 149,134.00		\$ 226,500.00
TOTAL - ALL LOCATIONS (1 THRU 8)				\$ 352,738.00		\$ 461,336.00		\$ 855,922.00 *

Note:

Engineer's Estimate: \$268,360

* Corrected by Engineer