

PROPOSAL SHEET

LAK-VROOMAN ROAD BRIDGE AND ROADWAY IMPROVEMENTS

January 21, 2015

PART 1 – PID 5669

Project No. E033 (085)

Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
						Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid
ROADWAY																			
1	201	11000	CLEARING AND GRUBBING	1	LUMP SUM	\$122,600	\$ 122,600.00	\$811,000.00	\$ 811,000.00	\$ 60,000.00	\$ 60,000.00	\$225,000.00	\$ 225,000.00	\$300,000.00	\$ 300,000.00	\$ 150,000.00	\$ 150,000.00	\$ 200,000.00	\$ 200,000.00
2	201	21800	TREE REMOVED, 18" SIZE	53	EACH	\$ 256.16	\$ 13,576.55	\$ 300.00	\$ 15,900.00	\$ 300.00	\$ 15,900.00	\$ 300.00	\$ 15,900.00	\$ 250.00	\$ 13,250.00	\$ 300.00	\$ 15,900.00	\$ 300.00	\$ 15,900.00
3	201	23000	TREE REMOVED, 30" SIZE	12	EACH	\$ 483.46	\$ 5,801.52	\$ 900.00	\$ 10,800.00	\$ 1,100.00	\$ 13,200.00	\$ 900.00	\$ 10,800.00	\$ 350.00	\$ 4,200.00	\$ 900.00	\$ 10,800.00	\$ 900.00	\$ 10,800.00
4	202	23010	PAVEMENT REMOVED, ASPHALT	7180	SQ YD	\$ 3.89	\$ 27,958.60	\$ 6.00	\$ 43,080.00	\$ 5.75	\$ 41,285.00	\$ 4.31	\$ 30,945.80	\$ 5.00	\$ 35,900.00	\$ 6.00	\$ 43,080.00	\$ 7.00	\$ 50,260.00
5	202	35100	PIPE REMOVED, 24" AND UNDER	20	FT	\$ 12.04	\$ 240.87	\$ 12.00	\$ 240.00	\$ 10.75	\$ 215.00	\$ 20.00	\$ 400.00	\$ 10.00	\$ 200.00	\$ 12.50	\$ 250.00	\$ 8.00	\$ 160.00
6	202	38000	GUARDRAIL REMOVED	842	FT	\$ 2.03	\$ 1,710.59	\$ 1.40	\$ 1,178.80	\$ 1.50	\$ 1,263.00	\$ 1.40	\$ 1,178.80	\$ 1.50	\$ 1,263.00	\$ 2.50	\$ 2,105.00	\$ 1.40	\$ 1,178.80
7	202	56100	BUILDING DEMOLISHED: RESIDENCE 2780 SOUTH RIDGE ROAD	1	EACH	\$ 10,510.00	\$ 10,510.00	\$ 8,400.00	\$ 8,400.00	\$ 4,000.00	\$ 4,000.00	\$ 15,000.00	\$ 15,000.00	\$ 16,000.00	\$ 16,000.00	\$10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00
8	202	56100	BUILDING DEMOLISHED: GARAGE/OUT BUILDING 2780 SOUTH RIDGE ROAD	1	EACH	\$ 5,255.00	\$ 5,255.00	\$ 2,500.00	\$ 2,500.00	\$ 2,000.00	\$ 2,000.00	\$ 3,700.00	\$ 3,700.00	\$ 5,000.00	\$ 5,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,850.00	\$ 3,850.00
9	202	98100	REMOVAL MISC.: EXISTING UTILITY POLE	7	EACH	\$ 114.36	\$ 800.55	\$ 500.00	\$ 3,500.00	\$ 150.00	\$ 1,050.00	\$ 125.00	\$ 875.00	\$ 600.00	\$ 4,200.00	\$ 300.00	\$ 2,100.00	\$ 300.00	\$ 2,100.00
10	203	10000	EXCAVATION	13067	CU YD	\$ 6.79	\$ 88,772.81	\$ 11.00	\$ 143,737.00	\$ 15.35	\$ 200,578.45	\$ 16.75	\$ 218,872.25	\$ 16.00	\$ 209,072.00	\$ 21.50	\$ 280,940.50	\$ 35.00	\$ 457,345.00
11	203	20000	EMBANKMENT	2867	CU YD	\$ 6.24	\$ 17,901.52	\$ 16.00	\$ 45,872.00	\$ 15.00	\$ 43,005.00	\$ 10.50	\$ 30,103.50	\$ 8.00	\$ 22,936.00	\$ 9.50	\$ 27,236.50	\$ 12.00	\$ 34,404.00
12	203	48000	ROCK	1632	CU YD	\$ 0.26	\$ 428.81	\$ 40.00	\$ 65,280.00	\$ 52.00	\$ 84,864.00	\$ 45.00	\$ 73,440.00	\$ 49.00	\$ 79,968.00	\$ 150.00	\$ 244,800.00	\$ 43.00	\$ 70,176.00
13	204	10000	SUBGRADE COMPACTION	14207	SQ YD	\$ 1.20	\$ 17,096.63	\$ 1.50	\$ 21,310.50	\$ 2.50	\$ 35,517.50	\$ 1.20	\$ 17,048.40	\$ 2.50	\$ 35,517.50	\$ 2.00	\$ 28,414.00	\$ 4.00	\$ 56,828.00
14	204	13000	EXCAVATION OF SUBGRADE	6991	CU YD	\$ 9.85	\$ 68,883.20	\$ 10.00	\$ 69,910.00	\$ 16.00	\$ 111,856.00	\$ 16.75	\$ 117,099.25	\$ 14.00	\$ 97,874.00	\$ 12.00	\$ 83,892.00	\$ 27.00	\$ 188,757.00
15	204	30020	GRANULAR MATERIAL, TYPE C	6991	CU YD	\$ 34.19	\$ 239,022.86	\$ 43.00	\$ 300,613.00	\$ 65.00	\$ 454,415.00	\$ 41.00	\$ 286,631.00	\$ 35.00	\$ 244,685.00	\$ 39.50	\$ 276,144.50	\$ 52.00	\$ 363,532.00
16	204	45000	PROOF ROLLING	5	HOOR	\$ 139.24	\$ 696.22	\$ 300.00	\$ 1,500.00	\$ 240.00	\$ 1,200.00	\$ 320.00	\$ 1,600.00	\$ 300.00	\$ 1,500.00	\$ 250.00	\$ 1,250.00	\$ 190.00	\$ 950.00
17	204	50000	GEOTEXTILE FABRIC	10448	SQ YD	\$ 1.27	\$ 13,275.85	\$ 1.00	\$ 10,448.00	\$ 2.00	\$ 20,896.00	\$ 2.00	\$ 20,896.00	\$ 1.00	\$ 10,448.00	\$ 1.10	\$ 11,492.80	\$ 2.50	\$ 26,120.00
18	209	60501	LINEAR GRADING, AS PER PLAN	1	MILE	\$ 1,084.42	\$ 1,084.42	\$ 13,000.00	\$ 13,000.00	\$ 18,500.00	\$ 18,500.00	\$ 12,500.00	\$ 12,500.00	\$ 1,300.00	\$ 1,300.00	\$ 17,000.00	\$ 17,000.00	\$ 6,500.00	\$ 6,500.00
19	606	15050	GUARDRAIL, TYPE MGS	1550	FT	\$ 15.77	\$ 24,435.75	\$ 14.72	\$ 22,816.00	\$ 15.50	\$ 24,025.00	\$ 14.72	\$ 22,816.00	\$ 16.00	\$ 24,800.00	\$ 15.00	\$ 23,250.00	\$ 14.72	\$ 22,816.00
20	606	26050	ANCHOR ASSEMBLY, MGS TYPE B	4	EACH	\$ 1,659.81	\$ 6,639.26	\$ 1,585.00	\$ 6,340.00	\$ 1,650.00	\$ 6,600.00	\$ 1,585.00	\$ 6,340.00	\$ 1,700.00	\$ 6,800.00	\$ 1,500.00	\$ 6,000.00	\$ 1,585.00	\$ 6,340.00
21	606	26550	ANCHOR ASSEMBLY, MGS TYPE T	7	EACH	\$ 851.31	\$ 5,959.17	\$ 750.00	\$ 5,250.00	\$ 785.00	\$ 5,495.00	\$ 750.00	\$ 5,250.00	\$ 850.00	\$ 5,950.00	\$ 750.00	\$ 5,250.00	\$ 750.00	\$ 5,250.00
22	606	35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	4	EACH	\$ 2,009.77	\$ 8,039.07	\$ 1,945.00	\$ 7,780.00	\$ 2,050.00	\$ 8,200.00	\$ 1,945.00	\$ 7,780.00	\$ 2,100.00	\$ 8,400.00	\$ 1,850.00	\$ 7,400.00	\$ 1,945.00	\$ 7,780.00
23	623	38500	MONUMENT ASSEMBLY	19	EACH	\$ 754.18	\$ 14,329.37	\$ 600.00	\$ 11,400.00	\$ 560.00	\$ 10,640.00	\$ 520.19	\$ 9,883.61	\$ 1,100.00	\$ 20,900.00	\$ 1,036.66	\$ 19,696.54	\$ 750.00	\$ 14,250.00
24	SPEC	690E50350	MAILBOX REMOVED AND RESET	4	EACH	\$ 107.66	\$ 430.64	\$ 125.00	\$ 500.00	\$ 130.00	\$ 520.00	\$ 125.00	\$ 500.00	\$ 100.00	\$ 400.00	\$ 150.00	\$ 600.00	\$ 250.00	\$ 1,000.00
EROSION CONTROL																			
25	616	10000	WATER	\$ 150.00	M GAL	\$ 30.26	\$ 4,538.90	\$ 55.00	\$ 8,250.00	\$ 5.00	\$ 750.00	\$ 50.00	\$ 7,500.00	\$ 1.00	\$ 150.00	\$ 40.00	\$ 6,000.00	\$ 50.00	\$ 7,500.00
26	659	100	SOIL ANALYSIS TEST	\$ 2.00	EACH	\$ 66.68	\$ 133.36	\$ 25.00	\$ 50.00	\$ 30.00	\$ 60.00	\$ 50.00	\$ 100.00	\$ 60.00	\$ 120.00	\$ 30.00	\$ 60.00	\$ 100.00	\$ 200.00
27	659	300	TOPSOIL	\$ 5,258.00	CU YD	\$ 11.87	\$ 62,412.43	\$ 12.50	\$ 65,725.00	\$ 23.00	\$ 120,934.00	\$ 18.00	\$ 94,644.00	\$ 12.00	\$ 63,096.00	\$ 6.21	\$ 32,652.18	\$ 14.00	\$ 73,612.00
28	659	10000	SEEDING AND MULCHING	\$ 49,991.00	SQ YD	\$ 0.60	\$ 30,210.81	\$ 0.45	\$ 22,495.95	\$ 0.85	\$ 42,492.35	\$ 0.80	\$ 39,992.80	\$ 0.80	\$ 39,992.80	\$ 0.80	\$ 39,992.80	\$ 0.63	\$ 31,494.33
29	659	14000	REPAIR SEEDING AND MULCHING	\$ 2,218.00	SQ YD	\$ 0.39	\$ 867.18	\$ 0.45	\$ 998.10	\$ 0.30	\$ 665.40	\$ 0.30	\$ 665.40	\$ 0.25	\$ 554.50	\$ 0.75	\$ 1,663.50	\$ 1.00	\$ 2,218.00
30	659	15000	INTER-SEEDING	\$ 2,218.00	SQ YD	\$ 0.23	\$ 510.51	\$ 0.01	\$ 22.18	\$ 0.15	\$ 332.70	\$ 0.15	\$ 332.70	\$ 0.10	\$ 221.80	\$ 0.60	\$ 1,330.80	\$ 0.60	\$ 1,330.80
31	659	20000	COMMERCIAL FERTILIZER	\$ 6.19	TON	\$ 367.85	\$ 2,276.99	\$ 340.00	\$ 2,104.60	\$ 350.00	\$ 2,166.50	\$ 335.00	\$ 2,073.65	\$ 350.00	\$ 2,166.50	\$ 495.00	\$ 3,064.05	\$ 700.00	\$ 4,333.00
32	659	31000	LIME	\$ 9.16	ACRE	\$ 52.55	\$ 481.36	\$ 25.00	\$ 229.00	\$ 100.00	\$ 916.00	\$ 95.00	\$ 870.20	\$ 100.00	\$ 916.00	\$ 30.00	\$ 274.80	\$ 30.00	\$ 274.80
33	659	35000	WATER	\$ 246.00	M GAL	\$ 0.59	\$ 144.53	\$ 1.00	\$ 246.00	\$ 1.00	\$ 246.00	\$ 1.00	\$ 246.00	\$ 1.00	\$ 246.00	\$ 1.00	\$ 246.00	\$ 1.00	\$ 246.00
34	659	40000	MOWING	\$ 100.00	MSF	\$ 2.61	\$ 261.49	\$ 1.00	\$ 100.00	\$ 1.00	\$ 100.00	\$ 1.00	\$ 100.00	\$ 1.00	\$ 100.00	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00
35	670	700	DITCH EROSION PROTECTION	\$ 18,105.00	SQ YD	\$ 1.10	\$ 19,922.69	\$ 1.50	\$ 27,157.50	\$ 2.20	\$ 39,831.00	\$ 2.10	\$ 38,020.50	\$ 2.20	\$ 39,831.00	\$ 1.60	\$ 28,968.00	\$ 1.50	\$ 27,157.50
36	832	15001	STORM WATER POLLUTION PREVENTION PLAN, AS PER PLAN	\$ 1.00	LUMP SUM	\$ 7,619.75	\$ 7,619.75	\$ 25,000,											

PROPOSAL SHEET

LAK-VROOMAN ROAD BRIDGE AND ROADWAY IMPROVEMENTS

January 21, 2015

PART 1 – PID 5669

Project No. E033 (085)

Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
						Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid
51	611	10200	24" CONDUIT, TYPE A	\$ 122.00	FT	\$ 76.32	\$ 9,311.35	\$ 101.00	\$ 12,322.00	\$ 70.00	\$ 8,540.00	\$ 80.00	\$ 9,760.00	\$ 103.00	\$ 12,566.00	\$ 65.00	\$ 7,930.00	\$ 135.00	\$ 16,470.00
52	611	10600	24" CONDUIT, TYPE C	\$ 343.00	FT	\$ 62.94	\$ 21,588.48	\$ 82.00	\$ 28,126.00	\$ 85.00	\$ 29,155.00	\$ 92.00	\$ 31,556.00	\$ 130.00	\$ 44,590.00	\$ 63.75	\$ 21,866.25	\$ 185.00	\$ 63,455.00
53	611	11200	24" CONDUIT, TYPE F	\$ 136.00	FT	\$ 81.67	\$ 11,107.70	\$ 92.00	\$ 12,512.00	\$ 80.00	\$ 10,880.00	\$ 86.00	\$ 11,696.00	\$ 100.00	\$ 13,600.00	\$ 70.00	\$ 9,520.00	\$ 190.00	\$ 25,840.00
54	611	12100	27" CONDUIT, TYPE C	\$ 1,039.00	FT	\$ 51.53	\$ 53,542.40	\$ 101.00	\$ 104,939.00	\$ 100.00	\$ 103,900.00	\$ 99.00	\$ 102,861.00	\$ 100.00	\$ 103,900.00	\$ 100.00	\$ 103,900.00	\$ 140.00	\$ 145,460.00
55	611	13400	30" CONDUIT, TYPE B	\$ 142.00	FT	\$ 93.91	\$ 13,335.67	\$ 130.00	\$ 18,460.00	\$ 150.00	\$ 21,300.00	\$ 127.00	\$ 18,034.00	\$ 150.00	\$ 21,300.00	\$ 70.00	\$ 9,940.00	\$ 185.00	\$ 26,270.00
56	611	22200	54" CONDUIT, TYPE A	\$ 57.00	FT	\$ 316.65	\$ 18,049.32	\$ 300.00	\$ 17,100.00	\$ 190.00	\$ 10,830.00	\$ 180.00	\$ 10,260.00	\$ 265.00	\$ 15,105.00	\$ 255.00	\$ 14,535.00	\$ 275.00	\$ 15,675.00
57	611	98180	CATCH BASIN, NO. 3A	\$ 4.00	EACH	\$ 1,852.88	\$ 7,411.51	\$ 1,900.00	\$ 7,600.00	\$ 1,575.00	\$ 6,300.00	\$ 2,350.00	\$ 9,400.00	\$ 3,000.00	\$ 12,000.00	\$ 2,300.00	\$ 9,200.00	\$ 3,800.00	\$ 15,200.00
58	611	98230	CATCH BASIN, NO. 4	\$ 1.00	EACH	\$ 2,864.51	\$ 2,864.51	\$ 3,300.00	\$ 3,300.00	\$ 2,150.00	\$ 2,150.00	\$ 4,050.00	\$ 4,050.00	\$ 4,000.00	\$ 4,000.00	\$ 2,300.00	\$ 2,300.00	\$ 5,600.00	\$ 5,600.00
59	611	98530	CATCH BASIN, NO. 2-3 WITH SUMP	\$ 13.00	EACH	\$ 1,734.15	\$ 22,543.95	\$ 1,500.00	\$ 19,500.00	\$ 1,825.00	\$ 23,725.00	\$ 1,655.00	\$ 21,515.00	\$ 2,500.00	\$ 32,500.00	\$ 1,400.00	\$ 18,200.00	\$ 3,400.00	\$ 44,200.00
60	611	99574	MANHOLE, NO. 3	\$ 3.00	EACH	\$ 2,420.45	\$ 7,261.36	\$ 2,400.00	\$ 7,200.00	\$ 2,795.00	\$ 8,385.00	\$ 2,800.00	\$ 8,400.00	\$ 5,000.00	\$ 15,000.00	\$ 2,000.00	\$ 6,000.00	\$ 4,000.00	\$ 12,000.00
61	611	99700	GAS VALVE BOX ADJUSTED TO GRADE	\$ 1.00	EACH	\$ 262.75	\$ 262.75	\$ 400.00	\$ 400.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 200.00	\$ 200.00	\$ 150.00	\$ 150.00	\$ 350.00	\$ 350.00
62	SPEC	611E99820	MISCELLANEOUS METAL	\$ 1,000.00	LBS	\$ 1.27	\$ 1,272.76	\$ 1.50	\$ 1,500.00	\$ 1.00	\$ 1,000.00	\$ 0.95	\$ 950.00	\$ 2.00	\$ 2,000.00	\$ 2.00	\$ 2,000.00	\$ 2.00	\$ 2,000.00
63	611	99854	WATER QUALITY BASIN, DETENTION	\$ 1.00	EACH	\$ 4,204.00	\$ 4,204.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 6,500.00	\$ 6,500.00	\$ 70,000.00	\$ 70,000.00	\$ 27,000.00	\$ 27,000.00	\$ 5,000.00	\$ 5,000.00
PAVEMENT																			
64	255	20000	FULL DEPTH PAVEMENT SAWING	\$ 2,089.00	FT	\$ 2.34	\$ 4,878.49	\$ 1.50	\$ 3,133.50	\$ 2.50	\$ 5,222.50	\$ 2.00	\$ 4,178.00	\$ 2.00	\$ 4,178.00	\$ 2.00	\$ 4,178.00	\$ 2.00	\$ 4,178.00
65	302	46000	ASPHALT CONCRETE BASE, PG64-22	\$ 2,940.00	CU YD	\$ 121.63	\$ 357,601.85	\$ 118.00	\$ 346,920.00	\$ 142.00	\$ 417,480.00	\$ 100.00	\$ 294,000.00	\$ 140.00	\$ 411,600.00	\$ 135.00	\$ 396,900.00	\$ 142.00	\$ 417,480.00
66	304	20000	AGGREGATE BASE	\$ 3,711.00	CU YD	\$ 47.74	\$ 177,181.06	\$ 50.00	\$ 185,550.00	\$ 52.00	\$ 192,972.00	\$ 65.00	\$ 241,215.00	\$ 60.00	\$ 222,660.00	\$ 52.00	\$ 192,972.00	\$ 75.00	\$ 278,325.00
67	407	10000	TACK COAT	\$ 1,249.00	GALLON	\$ 2.41	\$ 3,008.71	\$ 2.00	\$ 2,498.00	\$ 2.35	\$ 2,935.15	\$ 2.00	\$ 2,498.00	\$ 2.00	\$ 2,498.00	\$ 2.25	\$ 2,810.25	\$ 2.50	\$ 3,122.50
68	407	14000	TACK COAT FOR INTERMEDIATE COURSE	\$ 689.00	GALLON	\$ 2.52	\$ 1,735.76	\$ 2.00	\$ 1,378.00	\$ 2.35	\$ 1,619.15	\$ 2.00	\$ 1,378.00	\$ 2.00	\$ 1,378.00	\$ 2.25	\$ 1,550.25	\$ 2.50	\$ 1,722.50
69	441	50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M)	\$ 748.00	CU YD	\$ 157.65	\$ 117,922.20	\$ 199.00	\$ 148,852.00	\$ 215.00	\$ 160,820.00	\$ 225.00	\$ 168,300.00	\$ 220.00	\$ 164,560.00	\$ 205.00	\$ 153,340.00	\$ 250.00	\$ 187,000.00
70	441	50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN (PG64-22)	\$ 819.00	CU YD	\$ 157.65	\$ 129,115.35	\$ 149.00	\$ 122,031.00	\$ 152.00	\$ 124,488.00	\$ 165.00	\$ 135,135.00	\$ 150.00	\$ 122,850.00	\$ 145.00	\$ 118,755.00	\$ 190.00	\$ 155,610.00
71	441	50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN	\$ 66.00	CU YD	\$ 157.65	\$ 10,404.90	\$ 280.00	\$ 18,480.00	\$ 285.00	\$ 18,810.00	\$ 235.00	\$ 15,510.00	\$ 290.00	\$ 19,140.00	\$ 270.00	\$ 17,820.00	\$ 360.00	\$ 23,760.00
72	609	12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN	\$ 1,138.00	FT	\$ 20.23	\$ 23,023.73	\$ 22.00	\$ 25,036.00	\$ 20.00	\$ 22,760.00	\$ 28.00	\$ 31,864.00	\$ 27.00	\$ 30,726.00	\$ 21.00	\$ 23,898.00	\$ 24.00	\$ 27,312.00
73	609	24510	CURB, TYPE 4-C	\$ 124.00	FT	\$ 30.61	\$ 3,795.69	\$ 22.00	\$ 2,728.00	\$ 20.00	\$ 2,480.00	\$ 30.00	\$ 3,720.00	\$ 35.00	\$ 4,340.00	\$ 16.00	\$ 1,984.00	\$ 40.00	\$ 4,960.00
74	861	10000	GEOGRID FOR SUBGRADE STABILIZATION	\$ 7,345.00	SQ YD	\$ 3.49	\$ 25,629.06	\$ 2.50	\$ 18,362.50	\$ 3.50	\$ 25,707.50	\$ 4.00	\$ 29,380.00	\$ 2.00	\$ 14,690.00	\$ 5.00	\$ 36,725.00	\$ 3.50	\$ 25,707.50
75	SPEC	690E12200	HYBRID INTERLAYER PAVING MAT	\$ 5,023.00	SQ YD	\$ 5.26	\$ 26,395.87	\$ 6.14	\$ 30,841.22	\$ 11.40	\$ 57,262.20	\$ 6.14	\$ 30,841.22	\$ 10.00	\$ 50,230.00	\$ 12.50	\$ 62,787.50	\$ 6.14	\$ 30,841.22
WATER WORK																			
76	638	200	4" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, MECHANICAL JOINTS AND FITTINGS	\$ 10.00	FT	\$ 210.20	\$ 2,102.00	\$ 200.00	\$ 2,000.00	\$ 100.00	\$ 1,000.00	\$ 210.00	\$ 2,100.00	\$ 300.00	\$ 3,000.00	\$ 200.00	\$ 2,000.00	\$ 325.00	\$ 3,250.00
77	638	9000	8" CUTTING-IN SLEEVE, VALVE AND VALVE BOX	\$ 1.00	EACH	\$ 2,627.50	\$ 2,627.50	\$ 3,700.00	\$ 3,700.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 5,000.00	\$ 5,000.00	\$ 2,700.00	\$ 2,700.00	\$ 5,200.00	\$ 5,200.00
78	638	10100	4" FIRE HYDRANT	\$ 1.00	EACH	\$ 3,678.50	\$ 3,678.50	\$ 6,300.00	\$ 6,300.00	\$ 6,250.00	\$ 6,250.00	\$ 4,500.00	\$ 4,500.00	\$ 6,500.00	\$ 6,500.00	\$ 3,100.00	\$ 3,100.00	\$ 6,600.00	\$ 6,600.00
79	638	10700	FIRE HYDRANT REMOVED AND DISPOSED OF	\$ 1.00	EACH	\$ 555.97	\$ 555.97	\$ 600.00	\$ 600.00	\$ 1,200.00	\$ 1,200.00	\$ 550.00	\$ 550.00	\$ 1,500.00	\$ 1,500.00	\$ 750.00	\$ 750.00	\$ 1,600.00	\$ 1,600.00
80	638	10800	VALVE BOX ADJUSTED TO GRADE	\$ 4.00	EACH	\$ 225.53	\$ 902.14	\$ 250.00	\$ 1,000.00	\$ 150.00	\$ 600.00	\$ 200.00	\$ 800.00	\$ 450.00	\$ 1,800.00	\$ 125.00	\$ 500.00	\$ 350.00	\$ 1,400.00
LIGHTING																			
81	625	25400	CONDUIT, 2", 725.04	\$ 3,700.00	FT	\$ 9.30	\$ 34,418.88	\$ 9.50	\$ 35,150.00	\$ 10.00	\$ 37,000.00	\$ 9.50	\$ 35,150.00	\$ 14.00	\$ 51,800.00	\$ 7.50	\$ 27,750.00	\$ 9.50	\$ 35,150.00
82	625	29920	STRUCTURE JUNCTION BOX	\$ 12.00	EACH	\$ 840.80	\$ 10,089.60	\$ 1,800.00	\$ 21,600.00	\$ 1,885.00	\$ 22,620.00	\$ 1,800.00	\$ 21,600.00	\$ 1,700.00	\$ 20,400.00	\$ 1,800.00	\$ 21,600.00	\$ 1,800.00	\$ 21,600.00
83	625	30706	PULL BOX, 725.08, 24"	\$ 4.00	EACH	\$ 824.31	\$ 3,297.23	\$ 700.00	\$ 2,800.00	\$ 730.00	\$ 2,920.00	\$ 700.00	\$ 2,800.00	\$ 800.00	\$ 3,200.00	\$ 700.00	\$ 2,800.00	\$ 700.00	\$ 2,800.00
84	625	33000	STRUCTURE GROUNDING SYSTEM	\$ 1.00	EACH	\$ 3,815.86	\$ 3,815.86	\$ 3,500.00	\$ 3,500.00	\$ 3,650.00	\$ 3,650.00	\$ 19,000.00	\$ 19,000.00	\$ 20,000.00	\$ 20,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
TRAFFIC CONTROL																			
85	630	2100	GROUND MOUNTED SUPPORT, NO. 2 POST	\$ 92.00	FT	\$ 9.21	\$ 847.60	\$ 4.50	\$ 414.00	\$ 4.70	\$ 432.40	\$ 4.50	\$ 414.00	\$ 8.00	\$ 736.00	\$ 4.50	\$ 414.00	\$ 4.50	\$ 414.00
86	630	3100	GROUND MOUNTED SUPPORT, NO. 3 POST	\$ 53.00	FT	\$ 9.87	\$ 523.27	\$ 5.50	\$ 291.50	\$ 5.75	\$ 304.75	\$ 5.50	\$ 291.50	\$ 9.00	\$ 477.00	\$ 5.50	\$ 291.50	\$ 5.50	\$ 291.50
87	630	4100	GROUND MOUNTED SUPPORT, NO. 4 POST	\$ 131.00	FT	\$ 10.17	\$ 1,332.20	\$ 8.00	\$ 1,048.00	\$ 8.35	\$ 1,093.85	\$ 8.00	\$ 1,048.00	\$ 11.00	\$ 1,441.00	\$ 8.00	\$ 1,048.00	\$ 8.00	\$ 1,048.00
88	630	6500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9	\$ 128.00	FT	\$ 16.62	\$ 2,127.56	\$ 21.00	\$ 2,688.00	\$ 22.00	\$ 2,816.00	\$ 21.00	\$ 2,688.00	\$ 25.00	\$ 3,200.00	\$ 21.00	\$ 2,688.00	\$ 21.00	\$ 2,688.00

PROPOSAL SHEET

LAK-VROOMAN ROAD BRIDGE AND ROADWAY IMPROVEMENTS
January 21, 2015

PART 1 – PID 5669
Project No. E033 (085)

Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
						Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid
89	630	9000	BREAKAWAY STRUCTURAL BEAM CONNECTION	\$ 8.00	EACH	\$ 359.55	\$ 2,876.39	\$ 275.00	\$ 2,200.00	\$ 285.00	\$ 2,280.00	\$ 275.00	\$ 2,200.00	\$ 300.00	\$ 2,400.00	\$ 275.00	\$ 2,200.00	\$ 275.00	\$ 2,200.00
90	630	80100	SIGN, FLAT SHEET	\$ 140.60	SQ FT	\$ 16.77	\$ 2,357.83	\$ 14.00	\$ 1,968.40	\$ 15.00	\$ 2,109.00	\$ 14.00	\$ 1,968.40	\$ 16.00	\$ 2,249.60	\$ 14.00	\$ 1,968.40	\$ 14.00	\$ 1,968.40
91	630	80200	SIGN, GROUND MOUNTED EXTRUSHEET	\$ 168.00	SQ FT	\$ 18.02	\$ 3,027.96	\$ 18.00	\$ 3,024.00	\$ 18.85	\$ 3,166.80	\$ 18.00	\$ 3,024.00	\$ 20.00	\$ 3,360.00	\$ 18.00	\$ 3,024.00	\$ 18.00	\$ 3,024.00
92	630	84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	\$ 8.00	EACH	\$ 549.08	\$ 4,392.66	\$ 550.00	\$ 4,400.00	\$ 575.00	\$ 4,600.00	\$ 550.00	\$ 4,400.00	\$ 700.00	\$ 5,600.00	\$ 550.00	\$ 4,400.00	\$ 550.00	\$ 4,400.00
93	630	84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	\$ 78.00	EACH	\$ 12.98	\$ 1,012.26	\$ 15.00	\$ 1,170.00	\$ 15.50	\$ 1,209.00	\$ 15.00	\$ 1,170.00	\$ 10.00	\$ 780.00	\$ 15.00	\$ 1,170.00	\$ 15.00	\$ 1,170.00
94	630	85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	\$ 7.00	EACH	\$ 18.50	\$ 129.53	\$ 20.00	\$ 140.00	\$ 20.00	\$ 140.00	\$ 20.00	\$ 140.00	\$ 16.00	\$ 112.00	\$ 20.00	\$ 140.00	\$ 20.00	\$ 140.00
95	630	86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	\$ 60.00	EACH	\$ 14.00	\$ 839.90	\$ 15.00	\$ 900.00	\$ 15.50	\$ 930.00	\$ 15.00	\$ 900.00	\$ 10.00	\$ 600.00	\$ 15.00	\$ 900.00	\$ 15.00	\$ 900.00
96	646	10000	EDGE LINE, 4"	\$ 2.30	MILE	\$ 3,783.75	\$ 8,702.63	\$ 2,300.00	\$ 5,290.00	\$ 2,400.00	\$ 5,520.00	\$ 2,300.00	\$ 5,290.00	\$ 4,000.00	\$ 9,200.00	\$ 2,300.00	\$ 5,290.00	\$ 2,300.00	\$ 5,290.00
97	646	10200	CENTER LINE	\$ 1.14	MILE	\$ 3,258.10	\$ 3,714.23	\$ 4,800.00	\$ 5,472.00	\$ 5,000.00	\$ 5,700.00	\$ 4,800.00	\$ 5,472.00	\$ 5,000.00	\$ 5,700.00	\$ 3,725.00	\$ 4,246.50	\$ 4,800.00	\$ 5,472.00
98	646	10300	CHANNELIZING LINE, 8"	\$ 382.00	FT	\$ 2.24	\$ 855.16	\$ 1.75	\$ 668.50	\$ 1.80	\$ 687.60	\$ 1.75	\$ 668.50	\$ 3.00	\$ 1,146.00	\$ 1.75	\$ 668.50	\$ 1.75	\$ 668.50
99	646	10400	STOP LINE	\$ 115.00	FT	\$ 13.09	\$ 1,505.25	\$ 10.00	\$ 1,150.00	\$ 10.00	\$ 1,150.00	\$ 10.00	\$ 1,150.00	\$ 13.00	\$ 1,495.00	\$ 10.00	\$ 1,150.00	\$ 10.00	\$ 1,150.00
100	646	20300	LANE ARROW	\$ 2.00	EACH	\$ 157.65	\$ 315.30	\$ 155.00	\$ 310.00	\$ 160.00	\$ 320.00	\$ 155.00	\$ 310.00	\$ 220.00	\$ 440.00	\$ 155.00	\$ 310.00	\$ 155.00	\$ 310.00
101	646	20400	WORD ON PAVEMENT, 72"	\$ 1.00	EACH	\$ 202.68	\$ 202.68	\$ 175.00	\$ 175.00	\$ 180.00	\$ 180.00	\$ 175.00	\$ 175.00	\$ 240.00	\$ 240.00	\$ 175.00	\$ 175.00	\$ 175.00	\$ 175.00
TRAFFIC SIGNALS																			
102	625	25400	CONDUIT, 2", 725.04	\$ 508.00	FT	\$ 8.19	\$ 4,160.75	\$ 12.50	\$ 6,350.00	\$ 13.00	\$ 6,604.00	\$ 12.50	\$ 6,350.00	\$ 13.00	\$ 6,604.00	\$ 7.50	\$ 3,810.00	\$ 12.50	\$ 6,350.00
103	625	25500	CONDUIT, 3", 725.04	\$ 33.00	FT	\$ 19.69	\$ 649.65	\$ 15.00	\$ 495.00	\$ 15.50	\$ 511.50	\$ 15.00	\$ 495.00	\$ 19.00	\$ 627.00	\$ 20.20	\$ 666.60	\$ 15.00	\$ 495.00
104	625	25900	CONDUIT, JACKED OR DRILLED 3")	\$ 266.00	FT	\$ 32.26	\$ 8,581.84	\$ 25.00	\$ 6,650.00	\$ 26.00	\$ 6,916.00	\$ 25.00	\$ 6,650.00	\$ 40.00	\$ 10,640.00	\$ 45.50	\$ 12,103.00	\$ 25.00	\$ 6,650.00
105	625	29000	TRENCH	\$ 525.00	FT	\$ 6.44	\$ 3,383.48	\$ 7.00	\$ 3,675.00	\$ 7.30	\$ 3,832.50	\$ 7.00	\$ 3,675.00	\$ 7.00	\$ 3,675.00	\$ 6.00	\$ 3,150.00	\$ 7.00	\$ 3,675.00
106	625	31600	PULL BOX, MISC.: 725.12, 13"x24"x24", AS PER PLAN	\$ 6.00	EACH	\$ 857.70	\$ 5,146.19	\$ 575.00	\$ 3,450.00	\$ 600.00	\$ 3,600.00	\$ 575.00	\$ 3,450.00	\$ 700.00	\$ 4,200.00	\$ 560.00	\$ 3,360.00	\$ 575.00	\$ 3,450.00
107	625	31600	PULL BOX, MISC.: 725.12, 24"x36"x24", AS PER PLAN	\$ 1.00	EACH	\$ 857.70	\$ 857.70	\$ 1,100.00	\$ 1,100.00	\$ 1,150.50	\$ 1,150.50	\$ 1,100.00	\$ 1,100.00	\$ 1,300.00	\$ 1,300.00	\$ 1,000.00	\$ 1,000.00	\$ 1,100.00	\$ 1,100.00
108	625	32000	GROUND ROD	\$ 4.00	EACH	\$ 159.10	\$ 636.39	\$ 135.00	\$ 540.00	\$ 145.00	\$ 580.00	\$ 135.00	\$ 540.00	\$ 190.00	\$ 760.00	\$ 118.00	\$ 472.00	\$ 135.00	\$ 540.00
109	625	36000	PLASTIC CAUTION TAPE	\$ 525.00	FT	\$ 0.36	\$ 186.50	\$ 0.50	\$ 262.50	\$ 0.50	\$ 262.50	\$ 0.50	\$ 262.50	\$ 0.50	\$ 262.50	\$ 0.26	\$ 136.50	\$ 0.50	\$ 262.50
110	630	3100	GROUND MOUNTED SUPPORT, NO. 3 POST	\$ 14.00	FT	\$ 10.06	\$ 140.78	\$ 5.50	\$ 77.00	\$ 5.75	\$ 80.50	\$ 5.50	\$ 77.00	\$ 9.00	\$ 126.00	\$ 15.00	\$ 210.00	\$ 5.50	\$ 77.00
111	630	80100	SIGN, FLAT SHEET	\$ 16.00	SQ FT	\$ 16.90	\$ 270.35	\$ 14.00	\$ 224.00	\$ 14.75	\$ 236.00	\$ 14.00	\$ 224.00	\$ 16.00	\$ 256.00	\$ 25.00	\$ 400.00	\$ 14.00	\$ 224.00
112	630	87000	REMOVAL OF OVERHEAD MOUNTED SIGN AND STORAGE	\$ 1.00	EACH	\$ 92.12	\$ 92.12	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 230.00	\$ 230.00	\$ 350.00	\$ 350.00	\$ 50.00	\$ 50.00
113	632	303	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	\$ 13.00	EACH	\$ 788.25	\$ 10,247.25	\$ 600.00	\$ 7,800.00	\$ 625.00	\$ 8,125.00	\$ 600.00	\$ 7,800.00	\$ 800.00	\$ 10,400.00	\$ 715.00	\$ 9,295.00	\$ 600.00	\$ 7,800.00
114	632	25000	COVERING OF VEHICULAR SIGNAL HEAD	\$ 13.00	EACH	\$ 30.17	\$ 392.17	\$ 40.00	\$ 520.00	\$ 40.00	\$ 520.00	\$ 40.00	\$ 520.00	\$ 35.00	\$ 455.00	\$ 41.00	\$ 533.00	\$ 40.00	\$ 520.00
115	632	26501	DETECTOR LOOP, AS PER PLAN	\$ 5.00	EACH	\$ 1,215.45	\$ 6,077.26	\$ 800.00	\$ 4,000.00	\$ 835.00	\$ 4,175.00	\$ 800.00	\$ 4,000.00	\$ 1,000.00	\$ 5,000.00	\$ 1,290.00	\$ 6,450.00	\$ 800.00	\$ 4,000.00
116	632	27104	LOOP DETECTOR UNIT, 2 CHANNEL, DELAY AND EXTENSION TYPE	\$ 3.00	EACH	\$ 220.71	\$ 662.13	\$ 275.00	\$ 825.00	\$ 285.00	\$ 855.00	\$ 275.00	\$ 825.00	\$ 250.00	\$ 750.00	\$ 401.00	\$ 1,203.00	\$ 275.00	\$ 825.00
117	632	40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	\$ 755.00	FT	\$ 2.05	\$ 1,549.72	\$ 1.85	\$ 1,396.75	\$ 1.95	\$ 1,472.25	\$ 1.85	\$ 1,396.75	\$ 2.00	\$ 1,510.00	\$ 2.00	\$ 1,510.00	\$ 1.85	\$ 1,396.75
118	632	40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	\$ 650.00	FT	\$ 2.43	\$ 1,580.81	\$ 2.25	\$ 1,462.50	\$ 2.35	\$ 1,527.50	\$ 2.25	\$ 1,462.50	\$ 2.00	\$ 1,300.00	\$ 2.30	\$ 1,495.00	\$ 2.25	\$ 1,462.50
119	632	64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	\$ 3.00	EACH	\$ 2,977.18	\$ 8,931.55	\$ 3,200.00	\$ 9,600.00	\$ 335.00	\$ 1,005.00	\$ 3,200.00	\$ 9,600.00	\$ 4,000.00	\$ 12,000.00	\$ 1,750.00	\$ 5,250.00	\$ 3,200.00	\$ 9,600.00
120	632	65200	LOOP DETECTOR LEAD-IN CABLE	\$ 1,385.00	FT	\$ 1.61	\$ 2,232.94	\$ 1.25	\$ 1,731.25	\$ 1.30	\$ 1,800.50	\$ 1.25	\$ 1,731.25	\$ 1.25	\$ 1,731.25	\$ 1.76	\$ 2,437.60	\$ 1.25	\$ 1,731.25
121	632	70001	POWER SERVICE, AS PER PLAN	\$ 1.00	EACH	\$ 1,495.40	\$ 1,495.40	\$ 2,800.00	\$ 2,800.00	\$ 2,900.00	\$ 2,900.00	\$ 2,800.00	\$ 2,800.00	\$ 2,000.00	\$ 2,000.00	\$ 1,740.00	\$ 1,740.00	\$ 2,800.00	\$ 2,800.00
122	632	80302	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 3	\$ 2.00	EACH	\$ 4,493.26	\$ 8,986.52	\$ 3,800.00	\$ 7,600.00	\$ 3,950.00	\$ 7,900.00	\$ 3,800.00	\$ 7,600.00	\$ 5,000.00	\$ 10,000.00	\$ 5,481.00	\$ 10,962.00	\$ 3,800.00	\$ 7,600.00
123	632	80700	SIGNAL SUPPORT, MISC.: TYPE TC-81.21 DESIGN 8 POLE, WITH MAST ARMS TC-81.21 DESIGN 13 AND DESIGN 11	\$ 1.00	EACH	\$ 9,496.39	\$ 9,496.39	\$ 15,600.00	\$ 15,600.00	\$ 16,350.00	\$ 16,350.00	\$ 15,600.00	\$ 15,600.00	\$ 15,000.00	\$ 15,000.00	\$ 15,015.00	\$ 15,015.00	\$ 15,600.00	\$ 15,600.00
124	632	90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: VEHICULAR SIGNAL HEADS	\$ 3.00	EACH	\$ 202.74	\$ 608.23	\$ 600.00	\$ 1,800.00	\$ 625.00	\$ 1,875.00	\$ 600.00	\$ 1,800.00	\$ 200.00	\$ 600.00	\$ 1,084.00	\$ 3,252.00	\$ 600.00	\$ 1,800.00
125	633	1581	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1, AS PER PLAN	\$ 1.00	EACH	\$ 10,640.89	\$ 10,640.89	\$ 7,800.00	\$ 7,800.00	\$ 8,150.00	\$ 8,150.00	\$ 7,800.00	\$ 7,800.00	\$ 9,500.00	\$ 9,500.00	\$ 7,350.00	\$ 7,350.00	\$ 7,800.00	\$ 7,800.00
126	633	67101	CABINET FOUNDATION, AS PER PLAN	\$ 1.00	EACH	\$ 1,664.46	\$ 1,664.46	\$ 2,100.00	\$ 2,100.00	\$ 2,200.00	\$ 2,200.00	\$ 2,100.00	\$ 2,100.00	\$ 2,500.00	\$ 2,500.00	\$ 1,010.00	\$ 1,010.00	\$ 2,100.00	\$ 2,100.00
127	633	67200	CONTROLLER WORK PAD	\$ 1.00	EACH	\$ 358.56	\$ 358.56	\$ 600.00	\$ 600.00	\$ 625.00	\$ 625.00	\$ 600.00	\$ 600.00	\$ 200.00	\$ 200.00	\$ 500.00	\$ 500.00	\$ 600.00	\$ 600.00

PROPOSAL SHEET

LAK-VROOMAN ROAD BRIDGE AND ROADWAY IMPROVEMENTS

January 21, 2015

PART 1 – PID 5669

Project No. E033 (085)

Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
						Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid
128	633	67301	PREEMPTION, AS PER PLAN	\$ 1.00	EACH	\$ 2,627.50	\$ 2,627.50	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 900.00	\$ 900.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
129	633	67311	PREEMPTION RECEIVING UNIT, AS PER PLAN	\$ 4.00	EACH	\$ 677.90	\$ 2,711.58	\$ 650.00	\$ 2,600.00	\$ 680.00	\$ 2,720.00	\$ 650.00	\$ 2,600.00	\$ 650.00	\$ 2,600.00	\$ 500.00	\$ 2,000.00	\$ 650.00	\$ 2,600.00
130	633	67321	PREEMPTION DETECTOR CABLE, AS PER PLAN	\$ 440.00	FT	\$ 1.31	\$ 578.05	\$ 1.50	\$ 660.00	\$ 1.55	\$ 682.00	\$ 1.50	\$ 660.00	\$ 2.00	\$ 880.00	\$ 1.70	\$ 748.00	\$ 1.50	\$ 660.00
131	633	67351	PREEMPTION PHASE SELECTOR, AS PER PLAN	\$ 1.00	EACH	\$ 3,363.20	\$ 3,363.20	\$ 1,500.00	\$ 1,500.00	\$ 1,550.00	\$ 1,550.00	\$ 1,500.00	\$ 1,500.00	\$ 1,300.00	\$ 1,300.00	\$ 2,075.00	\$ 2,075.00	\$ 1,500.00	\$ 1,500.00
132	633	67401	PREEMPTION CONFIRMATION LIGHT, AS PER PLAN	\$ 4.00	EACH	\$ 310.05	\$ 1,240.18	\$ 360.00	\$ 1,440.00	\$ 375.00	\$ 1,500.00	\$ 360.00	\$ 1,440.00	\$ 400.00	\$ 1,600.00	\$ 275.00	\$ 1,100.00	\$ 360.00	\$ 1,440.00
133	633	75000	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT	\$ 1.00	EACH	\$ 5,088.25	\$ 5,088.25	\$ 4,300.00	\$ 4,300.00	\$ 4,500.00	\$ 4,500.00	\$ 4,300.00	\$ 4,300.00	\$ 4,000.00	\$ 4,000.00	\$ 4,670.00	\$ 4,670.00	\$ 4,300.00	\$ 4,300.00
LANDSCAPING																			
134	201	11001	CLEARING AND GRUBBING, AS PER PLAN	\$ 1.00	LUMP SUM	\$ 10,510.00	\$ 10,510.00	\$ 30,000.00	\$ 30,000.00	\$ 25,000.00	\$ 25,000.00	\$ 10,000.00	\$ 10,000.00	\$ 7,000.00	\$ 7,000.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00
135	203	10001	EXCAVATION, AS PER PLAN	\$ 2,257.00	CU YD	\$ 14.26	\$ 32,182.38	\$ 9.00	\$ 20,313.00	\$ 15.50	\$ 34,983.50	\$ 15.00	\$ 33,855.00	\$ 14.00	\$ 31,598.00	\$ 10.50	\$ 23,698.50	\$ 36.00	\$ 81,252.00
136	203	20001	EMBANKMENT, AS PER PLAN	\$ 1,870.00	CU YD	\$ 12.60	\$ 23,566.75	\$ 19.00	\$ 35,530.00	\$ 25.00	\$ 46,750.00	\$ 6.00	\$ 11,220.00	\$ 10.00	\$ 18,700.00	\$ 7.00	\$ 13,090.00	\$ 12.00	\$ 22,440.00
137	203	35141	GRANULAR MATERIAL, TYPE E, AS PER PLAN	\$ 90.00	CU YD	\$ 33.89	\$ 3,050.05	\$ 90.00	\$ 8,100.00	\$ 54.00	\$ 4,860.00	\$ 55.00	\$ 4,950.00	\$ 60.00	\$ 5,400.00	\$ 25.50	\$ 2,295.00	\$ 89.00	\$ 8,010.00
138	204	10001	SUBGRADE COMPACTION, AS PER PLAN	\$ 1,481.00	SQ YD	\$ 2.10	\$ 3,113.06	\$ 4.00	\$ 5,924.00	\$ 3.50	\$ 5,183.50	\$ 2.00	\$ 2,962.00	\$ 3.00	\$ 4,443.00	\$ 1.00	\$ 1,481.00	\$ 5.00	\$ 7,405.00
139	204	45001	PROOF ROLLING, AS PER PLAN	\$ 4.00	hour	\$ 157.65	\$ 630.60	\$ 325.00	\$ 1,300.00	\$ 150.00	\$ 600.00	\$ 300.00	\$ 1,200.00	\$ 200.00	\$ 800.00	\$ 170.00	\$ 680.00	\$ 185.00	\$ 740.00
140	302	46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN	\$ 223.00	CU YD	\$ 157.65	\$ 35,155.95	\$ 125.00	\$ 27,875.00	\$ 155.00	\$ 34,565.00	\$ 125.00	\$ 27,875.00	\$ 155.00	\$ 34,565.00	\$ 150.00	\$ 33,450.00	\$ 200.00	\$ 44,600.00
141	304	20001	AGGREGATE BASE, AS PER PLAN	\$ 239.00	CU YD	\$ 54.58	\$ 13,043.74	\$ 55.00	\$ 13,145.00	\$ 48.00	\$ 11,472.00	\$ 80.00	\$ 19,120.00	\$ 70.00	\$ 16,730.00	\$ 88.00	\$ 21,032.00	\$ 80.00	\$ 19,120.00
142	407	10001	TACK COAT, MISC.:	\$ 67.00	GALLON	\$ 2.37	\$ 159.00	\$ 2.00	\$ 134.00	\$ 2.35	\$ 157.45	\$ 2.00	\$ 134.00	\$ 2.50	\$ 167.50	\$ 2.25	\$ 150.75	\$ 2.50	\$ 167.50
143	441	10001	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (446), PG64-22, AS PER PLAN	\$ 47.00	CU YD	\$ 236.48	\$ 11,114.33	\$ 220.00	\$ 10,340.00	\$ 200.00	\$ 9,400.00	\$ 230.00	\$ 10,810.00	\$ 215.00	\$ 10,105.00	\$ 200.00	\$ 9,400.00	\$ 335.00	\$ 15,745.00
144	441	10201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (446), AS PER PLAN	\$ 66.00	CU YD	\$ 183.93	\$ 12,139.05	\$ 155.00	\$ 10,230.00	\$ 175.00	\$ 11,550.00	\$ 175.00	\$ 11,550.00	\$ 180.00	\$ 11,880.00	\$ 165.00	\$ 10,890.00	\$ 250.00	\$ 16,500.00
145	605	5110	4" SHALLOW PIPE UNDERDRAINS WITH FABRIC WRAP	\$ 525.00	FT	\$ 6.54	\$ 3,431.49	\$ 12.00	\$ 6,300.00	\$ 5.00	\$ 2,625.00	\$ 12.50	\$ 6,562.50	\$ 13.00	\$ 6,825.00	\$ 7.00	\$ 3,675.00	\$ 20.00	\$ 10,500.00
146	608	10001	4" CONCRETE WALK, AS PER PLAN	\$ 1,283.00	SQ FT	\$ 6.85	\$ 8,787.74	\$ 5.50	\$ 7,056.50	\$ 7.75	\$ 9,943.25	\$ 9.00	\$ 11,547.00	\$ 8.00	\$ 10,264.00	\$ 5.00	\$ 6,415.00	\$ 8.00	\$ 10,264.00
147	630	3100	GROUND MOUNTED SUPPORT, NO. 3 POST	\$ 42.00	FT	\$ 10.06	\$ 422.35	\$ 5.50	\$ 231.00	\$ 5.75	\$ 241.50	\$ 5.50	\$ 231.00	\$ 10.00	\$ 420.00	\$ 10.50	\$ 441.00	\$ 5.50	\$ 231.00
148	630	80100	SIGN, FLAT SHEET	\$ 19.00	SQ FT	\$ 16.90	\$ 321.04	\$ 14.00	\$ 266.00	\$ 14.50	\$ 275.50	\$ 14.00	\$ 266.00	\$ 16.00	\$ 304.00	\$ 16.00	\$ 304.00	\$ 14.00	\$ 266.00
149	642	100	EDGE LINE, TYPE 1	\$ 0.10	MILE	\$ 5,255.00	\$ 525.50	\$ 1,800.00	\$ 180.00	\$ 1,900.00	\$ 190.00	\$ 1,800.00	\$ 180.00	\$ 7,500.00	\$ 750.00	\$ 1,800.00	\$ 180.00	\$ 1,800.00	\$ 180.00
150	642	500	STOP LINE, TYPE 1	\$ 28.00	FT	\$ 6.31	\$ 176.57	\$ 3.50	\$ 98.00	\$ 3.65	\$ 102.20	\$ 3.50	\$ 98.00	\$ 16.00	\$ 448.00	\$ 3.50	\$ 98.00	\$ 3.50	\$ 98.00
151	642	700	TRANSVERSE/DIAGONAL LINE	\$ 152.00	FT	\$ 2.80	\$ 425.58	\$ 2.00	\$ 304.00	\$ 2.00	\$ 304.00	\$ 2.00	\$ 304.00	\$ 1.50	\$ 228.00	\$ 2.00	\$ 304.00	\$ 2.00	\$ 304.00
152	642	1200	PARKING LOT STALL MARKING, TYPE 1	\$ 342.00	FT	\$ 0.85	\$ 290.79	\$ 2.00	\$ 684.00	\$ 2.00	\$ 684.00	\$ 2.00	\$ 684.00	\$ 5.00	\$ 1,710.00	\$ 2.00	\$ 684.00	\$ 2.00	\$ 684.00
153	642	1702	HANDICAP SYMBOL MARKING, TYPE 1	\$ 1.00	EACH	\$ 788.25	\$ 788.25	\$ 130.00	\$ 130.00	\$ 135.00	\$ 135.00	\$ 130.00	\$ 130.00	\$ 180.00	\$ 180.00	\$ 130.00	\$ 130.00	\$ 130.00	\$ 130.00
154	653	10000	TOPSOIL FURNISHED AND PLACED	\$ 1,389.00	CU YD	\$ 16.03	\$ 22,259.63	\$ 13.00	\$ 18,057.00	\$ 20.00	\$ 27,780.00	\$ 18.00	\$ 25,002.00	\$ 25.00	\$ 34,725.00	\$ 6.25	\$ 8,681.25	\$ 20.00	\$ 27,780.00
155	659	500	SEEDING AND MULCHING, CLASS 1	\$ 1,564.00	SQ YD	\$ 1.79	\$ 2,804.26	\$ 1.00	\$ 1,564.00	\$ 1.30	\$ 2,033.20	\$ 1.25	\$ 1,955.00	\$ 1.35	\$ 2,111.40	\$ 0.78	\$ 1,219.92	\$ 0.83	\$ 1,298.12
156	659	580	SEEDING AND MULCHING, CLASS 5B	\$ 11,260.00	SQ YD	\$ 3.15	\$ 35,502.78	\$ 1.35	\$ 15,201.00	\$ 1.00	\$ 11,260.00	\$ 0.95	\$ 10,697.00	\$ 1.00	\$ 11,260.00	\$ 1.95	\$ 21,957.00	\$ 1.00	\$ 11,260.00
157	659	14000	REPAIR SEEDING AND MULCHING	\$ 2,319.00	SQ YD	\$ 0.32	\$ 731.18	\$ 1.00	\$ 2,319.00	\$ 0.40	\$ 927.60	\$ 0.40	\$ 927.60	\$ 0.25	\$ 579.75	\$ 1.95	\$ 4,522.05	\$ 0.63	\$ 1,460.97
158	659	20000	COMMERCIAL FERTILIZER	\$ 1.04	TON	\$ 525.50	\$ 546.52	\$ 340.00	\$ 353.60	\$ 400.00	\$ 416.00	\$ 385.00	\$ 400.40	\$ 500.00	\$ 520.00	\$ 495.00	\$ 514.80	\$ 700.00	\$ 728.00
159	659	31000	LIME	\$ 2.39	ACRE	\$ 315.30	\$ 753.57	\$ 25.00	\$ 59.75	\$ 100.00	\$ 239.00	\$ 100.00	\$ 239.00	\$ 100.00	\$ 239.00	\$ 30.00	\$ 71.70	\$ 30.00	\$ 71.70
160	659	35000	WATER	\$ 61.30	M GAL	\$ 0.61	\$ 37.24	\$ 1.00	\$ 61.30	\$ 1.00	\$ 61.30	\$ 1.00	\$ 61.30	\$ 1.00	\$ 61.30	\$ 1.00	\$ 61.30	\$ 1.00	\$ 61.30
161	659	40000	MOWING	\$ 42.30	M SQ FT	\$ 1.87	\$ 79.13	\$ 1.00	\$ 42.30	\$ 1.50	\$ 63.45	\$ 1.50	\$ 63.45	\$ 1.00	\$ 42.30	\$ 5.00	\$ 211.50	\$ 5.00	\$ 211.50
162	661	40020	DECIDUOUS TREE, 6' HEIGHT	\$ 15.00	EACH	\$ 188.29	\$ 2,824.41	\$ 350.00	\$ 5,250.00	\$ 325.00	\$ 4,875.00	\$ 309.00	\$ 4,635.00	\$ 200.00	\$ 3,000.00	\$ 360.00	\$ 5,400.00	\$ 309.00	\$ 4,635.00
163	661	40060	DECIDUOUS TREE, 1 1/2" CALIPER	\$ 50.00	EACH	\$ 176.82	\$ 8,841.01	\$ 450.00	\$ 22,500.00	\$ 385.00	\$ 19,250.00	\$ 366.00	\$ 18,300.00	\$ 300.00	\$ 15,000.00	\$ 450.00	\$ 22,500.00	\$ 366.00	\$ 18,300.00
164	661	40080	DECIDUOUS TREE, 2" CALIPER	\$ 45.00	EACH	\$ 299.48	\$ 13,476.71	\$ 750.00	\$ 33,750.00	\$ 530.00	\$ 23,850.00	\$ 504.00	\$ 22,680.00	\$ 400.00	\$ 18,000.00	\$ 515.00	\$ 23,175.00	\$ 504.00	\$ 22,680.00
165	661	50100	EVERGREEN TREE, 5' HEIGHT	\$ 8.00	EACH	\$ 334.59	\$ 2,676.73	\$ 600.00	\$ 4,800.00	\$ 250.00	\$ 2,000.00	\$ 240.00	\$ 1,920.00	\$ 200.00	\$ 1,600.00	\$ 265.00	\$ 2,120.00	\$ 240.00	\$ 1,920.00
166	661	50120	EVERGREEN TREE, 6' HEIGHT	\$ 5.00	EACH	\$ 262.75	\$ 1,313.75	\$ 700.00	\$ 3,500.00	\$ 320.00	\$ 1,600.00	\$ 300.00	\$ 1,500.00	\$ 250.00	\$ 1,250.00	\$ 330.00	\$ 1,650.00	\$ 300.00	\$ 1,500.00
167	690	50500	SPECIAL- MISC: CONCRETE PARKING BLOCK	\$ 22.00	EACH	\$ 94.31	\$ 2,074.78	\$ 175.00	\$ 3,850.00	\$ 120.00	\$ 2,640.00	\$ 120.00	\$ 2,640.00	\$ 175.00	\$ 3,850.00	\$ 100.00	\$ 2,200.00	\$ 210.00	\$ 4,620.00
168	690	98000	SPECIAL- MISC: PARK GRILL	\$ 2.00	EACH	\$ 315.30	\$ 630.60	\$ 1,000.00	\$ 2,000.00	\$ 365.00	\$ 730.00	\$ 650.00	\$ 1,300.00	\$ 300.00	\$ 600.00	\$ 1,300.00	\$ 2,600.00	\$ 210.00	\$ 420.00
169	690	98100	SPECIAL- MISC: WOOD CURB	\$ 312.00	FT	\$ 5.26	\$ 1,639.56	\$ 33.98	\$ 10,601.76	\$ 25.00	\$ 7,800.00	\$ 42.00	\$ 13,104.00	\$ 44.00	\$ 13,728.00	\$ 24.00	\$ 7,488.00	\$ 80.00	\$ 24,960.00
170	690	98400	SPECIAL- MISC: PLAY AREA	\$ 1.00	LUMP SUM	\$ 63,060.00	\$ 63,060.00	\$ 80,000.00	\$ 80,000.00	\$ 52,000.00	\$ 52,000.00	\$ 65,000.00	\$ 65,000.00	\$ 55,000.00	\$ 55,000.00	\$ 60,000.00	\$ 60,000.00	\$ 55,000.00	\$ 55,000.00

PROPOSAL SHEET

LAK-VROOMAN ROAD BRIDGE AND ROADWAY IMPROVEMENTS

January 21, 2015

PART 1 – PID 5669
Project No. E033 (085)

Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
						Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid
171	690	98400	SPECIAL- MISC: WOOD SCREEN	\$ 1.00	LUMP SUM	\$ 5,255.00	\$ 5,255.00	\$ 10,000.00	\$ 10,000.00	\$ 4,500.00	\$ 4,500.00	\$ 6,060.61	\$ 6,060.61	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00	\$ 12,000.00	\$ 12,000.00
172	690	98400	SPECIAL- MISC: RELOCATE MEMORIAL STONE AND MARKER	\$ 1.00	LUMP SUM	\$ 525.50	\$ 525.50	\$ 1,500.00	\$ 1,500.00	\$ 650.00	\$ 650.00	\$ 1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00	\$ 125.00	\$ 125.00	\$ 2,200.00	\$ 2,200.00
VROOMAN ROAD BRIDGE OVER GRAND RIVER																			
173	503	11100	COFFERDAMS AND EXCAVATION BRACING	\$ 1.00	LUMP SUM	\$472,950.00	\$ 472,950.00	\$135,000.00	\$ 135,000.00	\$450,000.00	\$ 450,000.00	\$600,000.00	\$ 600,000.00	\$375,000.00	\$ 375,000.00	\$400,000.00	\$ 400,000.00	\$ 1,896,000.00	\$ 1,896,000.00
174	503	21100	UNCLASSIFIED EXCAVATION	\$ 2,900.00	CU YD	\$ 23.15	\$ 67,130.00	\$ 55.00	\$ 159,500.00	\$ 60.00	\$ 174,000.00	\$ 90.00	\$ 261,000.00	\$ 30.00	\$ 87,000.00	\$ 75.00	\$ 217,500.00	\$ 111.00	\$ 321,900.00
175	503	31100	ROCK EXCAVATION	\$ 98.00	CU YD	\$ 48.89	\$ 4,791.57	\$ 55.00	\$ 5,390.00	\$ 40.00	\$ 3,920.00	\$ 60.00	\$ 5,880.00	\$ 90.00	\$ 8,820.00	\$ 95.00	\$ 9,310.00	\$ 32.00	\$ 3,136.00
176	509	10000	EPOXY COATED REINFORCING STEEL	\$ 1,371,583.00	POUND	\$ 0.79	\$ 1,081,150.30	\$ 1.20	\$ 1,645,899.60	\$ 1.25	\$ 1,714,478.75	\$ 1.15	\$ 1,577,320.45	\$ 1.30	\$ 1,783,057.90	\$ 1.20	\$ 1,645,899.60	\$ 1.15	\$ 1,577,320.45
177	511	34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN	\$ 2,632.00	CU YD	\$ 735.70	\$ 1,936,362.40	\$ 425.00	\$ 1,118,600.00	\$ 430.00	\$ 1,131,760.00	\$ 480.00	\$ 1,263,360.00	\$ 550.00	\$ 1,447,600.00	\$ 525.00	\$ 1,381,800.00	\$ 525.00	\$ 1,381,800.00
178	511	34451	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN	\$ 376.00	CU YD	\$ 499.23	\$ 187,708.60	\$ 685.00	\$ 257,560.00	\$ 625.00	\$ 235,000.00	\$ 1,000.00	\$ 376,000.00	\$ 1,000.00	\$ 376,000.00	\$ 1,000.00	\$ 376,000.00	\$ 960.00	\$ 360,960.00
179	511	44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING	\$ 194.00	CU YD	\$ 472.95	\$ 91,752.30	\$ 750.00	\$ 145,500.00	\$ 635.00	\$ 123,190.00	\$ 575.00	\$ 111,550.00	\$ 540.00	\$ 104,760.00	\$ 655.00	\$ 127,070.00	\$ 975.00	\$ 189,150.00
180	511	46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	\$ 199.00	CU YD	\$ 351.03	\$ 69,855.77	\$ 300.00	\$ 59,700.00	\$ 300.00	\$ 59,700.00	\$ 300.00	\$ 59,700.00	\$ 360.00	\$ 71,640.00	\$ 340.00	\$ 67,660.00	\$ 375.00	\$ 74,625.00
181	511	53016	CLASS QC4 CONCRETE WITH QC/QA, MISC.: MASS CONCRETE ABUTMENT SEAT	\$ 112.00	CU YD	\$ 420.40	\$ 47,084.80	\$ 350.00	\$ 39,200.00	\$ 350.00	\$ 39,200.00	\$ 500.00	\$ 56,000.00	\$ 500.00	\$ 56,000.00	\$ 460.00	\$ 51,520.00	\$ 600.00	\$ 67,200.00
182	511	53016	CLASS QC4 CONCRETE WITH QC/QA, MISC.: MASS CONCRETE PIERS NOT INCLUDING FOOTING	\$ 2,535.00	CU YD	\$ 893.35	\$ 2,264,642.25	\$ 490.00	\$ 1,242,150.00	\$ 625.00	\$ 1,584,375.00	\$ 550.00	\$ 1,394,250.00	\$ 650.00	\$ 1,647,750.00	\$ 900.00	\$ 2,281,500.00	\$ 750.00	\$ 1,901,250.00
183	511	53016	CLASS QC4 CONCRETE WITH QC/QA, MISC.: MASS CONCRETE PIER FOOTINGS	\$ 1,663.00	CU YD	\$ 420.40	\$ 699,125.20	\$ 300.00	\$ 498,900.00	\$ 325.00	\$ 540,475.00	\$ 300.00	\$ 498,900.00	\$ 335.00	\$ 557,105.00	\$ 355.00	\$ 590,365.00	\$ 375.00	\$ 623,625.00
184	511	81300	CONCRETE, MISC.: MOCKUP, MOLDED PATTERN SURFACE	\$ 3.00	EACH	\$ 1,313.75	\$ 3,941.25	\$ 2,000.00	\$ 6,000.00	\$ 3,000.00	\$ 9,000.00	\$ 2,000.00	\$ 6,000.00	\$ 500.00	\$ 1,500.00	\$ 2,500.00	\$ 7,500.00	\$ 8,000.00	\$ 24,000.00
185	512	10001	SEALING OF CONCRETE SURFACES, AS PER PLAN	\$ 6,540.00	SQ YD	\$ 9.77	\$ 63,923.92	\$ 47.00	\$ 307,380.00	\$ 49.00	\$ 320,460.00	\$ 47.57	\$ 311,107.80	\$ 40.00	\$ 261,600.00	\$ 22.50	\$ 147,150.00	\$ 49.00	\$ 320,460.00
186	513	10401	STRUCTURAL STEEL MEMBERS, HYBRID GIRDER, LEVEL 6 FABRICATION, AS PER PLAN	\$ 6,329,500.00	POUND	\$ 1.58	\$ 9,978,456.75	\$ 1.59	\$ 10,063,905.00	\$ 1.57	\$ 9,937,315.00	\$ 1.56	\$ 9,874,020.00	\$ 1.76	\$ 11,139,920.00	\$ 1.60	\$ 10,127,200.00	\$ 1.85	\$ 11,709,575.00
187	513	17001	STRUCTURAL STEEL MEMBERS, MODULAR EXPANSION JOINT, LEVEL UF, AS PER PLAN	\$ 74.00	FT	\$ 1,681.60	\$ 124,438.40	\$ 2,100.00	\$ 155,400.00	\$ 1,800.00	\$ 133,200.00	\$ 1,750.00	\$ 129,500.00	\$ 2,000.00	\$ 148,000.00	\$ 2,100.00	\$ 155,400.00	\$ 1,700.00	\$ 125,800.00
188	513	20000	WELDED STUD SHEAR CONNECTORS	\$ 11,862.00	EACH	\$ 3.17	\$ 37,575.42	\$ 3.15	\$ 37,365.30	\$ 3.00	\$ 35,586.00	\$ 3.20	\$ 37,958.40	\$ 4.00	\$ 47,448.00	\$ 3.15	\$ 37,365.30	\$ 4.00	\$ 47,448.00
189	513	95020	STRUCTURAL STEEL, MISC.: HANDHOLD BAR AND SAFETY CABLE SYSTEM, AS PER PLAN	\$ 1.00	LUMP SUM	\$550,000.00	\$ 550,000.00	\$625,000.00	\$ 625,000.00	\$750,000.00	\$ 750,000.00	\$500,000.00	\$ 500,000.00	\$500,000.00	\$ 500,000.00	\$650,000.00	\$ 650,000.00	\$ 600,000.00	\$ 600,000.00
190	514	301	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT, AS PER PLAN	\$ 1.00	LUMP SUM	\$ 73,570.00	\$ 73,570.00	\$ 54,000.00	\$ 54,000.00	\$ 55,000.00	\$ 55,000.00	\$ 54,000.00	\$ 54,000.00	\$ 58,000.00	\$ 58,000.00	\$ 50,000.00	\$ 50,000.00	\$ 119,000.00	\$ 119,000.00
191	514	401	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN	\$ 1.00	LUMP SUM	\$ 31,530.00	\$ 31,530.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,500.00	\$ 20,500.00
192	517	76300	RAILING, MISC., TUBULAR STEEL RAILING, AS PER PLAN	\$ 3,607.00	FT	\$ 147.14	\$ 530,733.98	\$ 95.00	\$ 342,665.00	\$ 165.00	\$ 595,155.00	\$ 115.00	\$ 414,805.00	\$ 105.00	\$ 378,735.00	\$ 135.00	\$ 486,945.00	\$ 85.00	\$ 306,595.00
193	518	21200	POROUS BACKFILL WITH FILTER FABRIC	\$ 256.00	CU YD	\$ 73.64	\$ 18,851.41	\$ 75.00	\$ 19,200.00	\$ 75.00	\$ 19,200.00	\$ 65.00	\$ 16,640.00	\$ 90.00	\$ 23,040.00	\$ 74.00	\$ 18,944.00	\$ 75.00	\$ 19,200.00
194	518	40000	6" PERFORATED CORRUGATED PLASTIC PIPE	\$ 166.00	FT	\$ 8.91	\$ 1,479.30	\$ 10.00	\$ 1,660.00	\$ 15.00	\$ 2,490.00	\$ 10.00	\$ 1,660.00	\$ 5.00	\$ 830.00	\$ 12.00	\$ 1,992.00	\$ 6.00	\$ 996.00
195	518	40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	\$ 80.00	FT	\$ 12.64	\$ 1,011.31	\$ 25.00	\$ 2,000.00	\$ 15.00	\$ 1,200.00	\$ 15.00	\$ 1,200.00	\$ 12.00	\$ 960.00	\$ 12.00	\$ 960.00	\$ 19.00	\$ 1,520.00
196	524	94903	DRILLED SHAFTS, 48" DIAMETER, ABOVE BEDROCK, AS PER PLAN	\$ 38.00	FT	\$ 173.42	\$ 6,589.77	\$ 250.00	\$ 9,500.00	\$ 410.00	\$ 15,580.00	\$ 325.00	\$ 12,350.00	\$ 445.00	\$ 16,910.00	\$ 450.00	\$ 17,100.00	\$ 450.00	\$ 17,100.00
197	524	94904	DRILLED SHAFTS, 48" DIAMETER, INTO BEDROCK	\$ 1,515.00	FT	\$ 961.67	\$ 1,456,922.48	\$ 475.00	\$ 719,625.00	\$ 435.00	\$ 659,025.00	\$ 500.00	\$ 757,500.00	\$ 440.00	\$ 666,600.00	\$ 395.00	\$ 598,425.00	\$ 495.00	\$ 749,925.00
198	524	94907	DRILLED SHAFTS, 54" DIAMETER, ABOVE BEDROCK, AS PER PLAN	\$ 496.00	FT	\$ 667.39	\$ 331,022.96	\$ 350.00	\$ 173,600.00	\$ 445.00	\$ 220,720.00	\$ 375.00	\$ 186,000.00	\$ 500.00	\$ 248,000.00	\$ 375.00	\$ 186,000.00	\$ 465.00	\$ 230,640.00
199	526	25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN	\$ 206.00	SQ YD	\$ 281.17	\$ 57,921.63	\$ 265.00	\$ 54,590.00	\$ 310.00	\$ 63,860.00	\$ 325.00	\$ 66,950.00	\$ 320.00	\$ 65,920.00	\$ 320.00	\$ 65,920.00	\$ 250.00	\$ 51,500.00
200	530	13000	SPECIAL - FORMLINER	\$ 12,370.00	SQ FT	\$ 10.51	\$ 130,008.70	\$ 15.00	\$ 185,550.00	\$ 9.25	\$ 114,422.50	\$ 13.00	\$ 160,810.00	\$ 9.00	\$ 111,330.00	\$ 15.00	\$ 185,550.00	\$ 18.00	\$ 222,660.00

PROPOSAL SHEET

LAK-VROOMAN ROAD BRIDGE AND ROADWAY IMPROVEMENTS

January 21, 2015

PART 1 – PID 5669

Project No. E033 (085)

Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
						Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid
201	601	12100	RIPRAP, USING CONCRETE IN BAGS	\$ 225.00	SQ YD	\$ 63.06	\$ 14,188.50	\$ 90.00	\$ 20,250.00	\$ 160.00	\$ 36,000.00	\$ 375.00	\$ 84,375.00	\$ 60.00	\$ 13,500.00	\$ 70.00	\$ 15,750.00	\$ 275.00	\$ 61,875.00
202	601	20000	CRUSHED AGGREGATE SLOPE PROTECTION	\$ 535.00	SQ YD	\$ 31.21	\$ 16,699.86	\$ 25.00	\$ 13,375.00	\$ 23.50	\$ 12,572.50	\$ 35.00	\$ 18,725.00	\$ 25.00	\$ 13,375.00	\$ 26.00	\$ 13,910.00	\$ 30.00	\$ 16,050.00
203	601	34200	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	\$ 280.00	CU YD	\$ 78.00	\$ 21,839.70	\$ 75.00	\$ 21,000.00	\$ 80.00	\$ 22,400.00	\$ 125.00	\$ 35,000.00	\$ 80.00	\$ 22,400.00	\$ 105.00	\$ 29,400.00	\$ 110.00	\$ 30,800.00
204	869	100	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, R.A. 600 KIP GUIDED EXPANSION	\$ 4.00	EACH	\$ 21,020.00	\$ 84,080.00	\$ 8,000.00	\$ 32,000.00	\$ 10,000.00	\$ 40,000.00	\$ 6,800.00	\$ 27,200.00	\$ 9,000.00	\$ 36,000.00	\$ 12,000.00	\$ 48,000.00	\$ 9,000.00	\$ 36,000.00
205	869	100	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, P1 1600 KIP GUIDED EXPANSION	\$ 4.00	EACH	\$ 21,020.00	\$ 84,080.00	\$ 11,000.00	\$ 44,000.00	\$ 17,500.00	\$ 70,000.00	\$ 14,000.00	\$ 56,000.00	\$ 16,000.00	\$ 64,000.00	\$ 20,000.00	\$ 80,000.00	\$ 16,000.00	\$ 64,000.00
206	869	100	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, P2 1400 KIP FIXED	\$ 4.00	EACH	\$ 21,020.00	\$ 84,080.00	\$ 8,000.00	\$ 32,000.00	\$ 11,250.00	\$ 45,000.00	\$ 8,150.00	\$ 32,600.00	\$ 10,000.00	\$ 40,000.00	\$ 13,000.00	\$ 52,000.00	\$ 9,500.00	\$ 38,000.00
207	869	100	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, P3 1500 KIP FIXED	\$ 4.00	EACH	\$ 21,020.00	\$ 84,080.00	\$ 8,000.00	\$ 32,000.00	\$ 11,500.00	\$ 46,000.00	\$ 8,150.00	\$ 32,600.00	\$ 13,000.00	\$ 52,000.00	\$ 13,000.00	\$ 52,000.00	\$ 9,500.00	\$ 38,000.00
208	869	100	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, P4 1400 KIP FIXED	\$ 4.00	EACH	\$ 21,020.00	\$ 84,080.00	\$ 8,000.00	\$ 32,000.00	\$ 11,250.00	\$ 45,000.00	\$ 8,150.00	\$ 32,600.00	\$ 10,000.00	\$ 40,000.00	\$ 13,000.00	\$ 52,000.00	\$ 9,500.00	\$ 38,000.00
209	869	100	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, P5 2000 KIP GUIDED EXPANSION	\$ 4.00	EACH	\$ 21,020.00	\$ 84,080.00	\$ 15,000.00	\$ 60,000.00	\$ 28,750.00	\$ 115,000.00	\$ 17,300.00	\$ 69,200.00	\$ 19,000.00	\$ 76,000.00	\$ 30,000.00	\$ 120,000.00	\$ 26,000.00	\$ 104,000.00
210	869	100	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, F.A. 750 KIP GUIDED EXPANSION	\$ 4.00	EACH	\$ 21,020.00	\$ 84,080.00	\$ 9,000.00	\$ 36,000.00	\$ 12,000.00	\$ 48,000.00	\$ 8,000.00	\$ 32,000.00	\$ 10,000.00	\$ 40,000.00	\$ 5,000.00	\$ 20,000.00	\$ 10,000.00	\$ 40,000.00
MASON'S LANDING PARK PEDESTRIAN BRIDGE																			
211	202	11203	PORTIONS OF STRUCTURE REMOVED, OVER 20' SPAN, AS PER PLAN	\$ 1.00	LUMP SUM	\$ 68,315.00	\$ 68,315.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$150,000.00	\$ 150,000.00	\$196,000.00	\$ 196,000.00	\$300,000.00	\$ 300,000.00	\$ 150,000.00	\$ 150,000.00
212	502	11101	STRUCTURE FOR MAINTAINING TRAFFIC, AS PER PLAN	\$ 1.00	LUMP SUM	\$300,000.00	\$ 300,000.00	\$350,000.00	\$ 350,000.00	\$ 50,000.00	\$ 50,000.00	\$450,000.00	\$ 450,000.00	\$250,000.00	\$ 250,000.00	\$400,000.00	\$ 400,000.00	\$ 300,000.00	\$ 300,000.00
213	503	11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	\$ 1.00	LUMP SUM	\$126,120.00	\$ 126,120.00	\$100,000.00	\$ 100,000.00	\$ 95,000.00	\$ 95,000.00	\$100,000.00	\$ 100,000.00	\$ 78,000.00	\$ 78,000.00	\$100,000.00	\$ 100,000.00	\$ 27,000.00	\$ 27,000.00
214	509	10000	EPOXY COATED REINFORCING STEEL	\$ 2,954.00	POUND	\$ 1.44	\$ 4,250.27	\$ 1.05	\$ 3,101.70	\$ 1.25	\$ 3,692.50	\$ 1.20	\$ 3,544.80	\$ 1.40	\$ 4,135.60	\$ 1.20	\$ 3,544.80	\$ 1.15	\$ 3,397.10
215	510	10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	\$ 104.00	EACH	\$ 22.28	\$ 2,317.57	\$ 15.00	\$ 1,560.00	\$ 17.50	\$ 1,820.00	\$ 25.00	\$ 2,600.00	\$ 20.00	\$ 2,080.00	\$ 21.00	\$ 2,184.00	\$ 14.00	\$ 1,456.00
216	511	45712	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT	\$ 24.00	CU YD	\$ 472.95	\$ 11,350.80	\$ 750.00	\$ 18,000.00	\$ 525.00	\$ 12,600.00	\$ 1,050.00	\$ 25,200.00	\$ 700.00	\$ 16,800.00	\$ 860.00	\$ 20,640.00	\$ 800.00	\$ 19,200.00
217	512	10050	SEALING OF CONCRETE SURFACES (NON-EPOXY)	\$ 55.00	SQ YD	\$ 16.64	\$ 915.17	\$ 60.00	\$ 3,300.00	\$ 50.00	\$ 2,750.00	\$ 60.00	\$ 3,300.00	\$ 20.00	\$ 1,100.00	\$ 22.50	\$ 1,237.50	\$ 61.64	\$ 3,390.20
218	518	21200	POROUS BACKFILL WITH FILTER FABRIC	\$ 22.00	CU YD	\$ 69.77	\$ 1,534.91	\$ 100.00	\$ 2,200.00	\$ 85.00	\$ 1,870.00	\$ 100.00	\$ 2,200.00	\$ 90.00	\$ 1,980.00	\$ 93.00	\$ 2,046.00	\$ 75.00	\$ 1,650.00
219	518	40000	6" PERFORATED CORRUGATED PLASTIC PIPE	\$ 42.00	FT	\$ 8.54	\$ 358.70	\$ 16.00	\$ 672.00	\$ 15.00	\$ 630.00	\$ 11.00	\$ 462.00	\$ 5.00	\$ 210.00	\$ 12.00	\$ 504.00	\$ 9.00	\$ 378.00
220	518	40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	\$ 18.00	FT	\$ 11.30	\$ 203.39	\$ 50.00	\$ 900.00	\$ 15.00	\$ 270.00	\$ 40.00	\$ 720.00	\$ 12.00	\$ 216.00	\$ 12.00	\$ 216.00	\$ 16.00	\$ 288.00
221	526	98100	APPROACH SLABS, MISC.: (10" THICK) WITH RAILING AND BASE	\$ 28.00	SQ YD	\$ 525.50	\$ 14,714.00	\$ 475.00	\$ 13,300.00	\$ 390.00	\$ 10,920.00	\$ 530.00	\$ 14,840.00	\$ 500.00	\$ 14,000.00	\$ 600.00	\$ 16,800.00	\$ 400.00	\$ 11,200.00
222	SPEC	503E00200	SPECIAL-STRUCTURE MISC.: PRE-ENGINEERED BRIDGE, 178'-2" NOMINAL SPAN	\$ 1.00	LUMP SUM	\$530,755.00	\$ 530,755.00	\$325,000.00	\$ 325,000.00	\$450,000.00	\$ 450,000.00	\$500,000.00	\$ 500,000.00	\$400,000.00	\$ 400,000.00	\$500,000.00	\$ 500,000.00	\$ 450,000.00	\$ 450,000.00
MAINTENANCE OF TRAFFIC																			
223	614	11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	\$ 280.00	HOURL	\$ 64.84	\$ 18,154.43	\$ 60.00	\$ 16,800.00	\$ 52.00	\$ 14,560.00	\$ 60.00	\$ 16,800.00	\$ 70.00	\$ 19,600.00	\$ 55.00	\$ 15,400.00	\$ 75.00	\$ 21,000.00
224	614	12460	WORK ZONE MARKING SIGN	\$ 50.00	EACH	\$ 134.20	\$ 6,710.11	\$ 125.00	\$ 6,250.00	\$ 130.00	\$ 6,500.00	\$ 130.00	\$ 6,500.00	\$ 120.00	\$ 6,000.00	\$ 125.00	\$ 6,250.00	\$ 125.00	\$ 6,250.00
225	614	12500	REPLACEMENT SIGN	\$ 50.00	EACH	\$ 135.43	\$ 6,771.33	\$ 150.00	\$ 7,500.00	\$ 155.00	\$ 7,750.00	\$ 130.00	\$ 6,500.00	\$ 120.00	\$ 6,000.00	\$ 150.00	\$ 7,500.00	\$ 150.00	\$ 7,500.00
226	614	12600	REPLACEMENT DRUM	\$ 20.00	EACH	\$ 57.94	\$ 1,158.75	\$ 45.00	\$ 900.00	\$ 50.00	\$ 1,000.00	\$ 49.00	\$ 980.00	\$ 40.00	\$ 800.00	\$ 45.00	\$ 900.00	\$ 45.00	\$ 900.00
227	614	12740	WORK ZONE LIGHTING SYSTEM	\$ 4.00	EACH	\$ 5,134.14	\$ 20,536.54	\$ 3,000.00	\$ 12,000.00	\$ 3,100.00	\$ 12,400.00	\$ 3,000.00	\$ 12,000.00	\$ 1,300.00	\$ 5,200.00	\$ 10,000.00	\$ 40,000.00	\$ 12,000.00	\$ 48,000.00
228	614	13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	\$ 1,100.00	CY	\$ 142.86	\$ 157,146.36	\$ 150.00	\$ 165,000.00	\$ 145.00	\$ 159,500.00	\$ 150.00	\$ 165,000.00	\$ 120.00	\$ 132,000.00	\$ 140.00	\$ 154,000.00	\$ 125.00	\$ 137,500.00
229	614	18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	\$ 30.00	SNMT	\$ 987.59	\$ 29,627.76	\$ 900.00	\$ 27,000.00	\$ 1,000.00	\$ 30,000.00	\$ 450.00	\$ 13,500.00	\$ 1,000.00	\$ 30,000.00	\$ 900.00	\$ 27,000.00	\$ 550.00	\$ 16,500.00
230	614	21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I	\$ 0.37	MILE	\$ 10,510.00	\$ 3,888.70	\$ 10,200.00	\$ 3,774.00	\$ 10,700.00	\$ 3,959.00	\$ 9,768.00	\$ 3,614.16	\$ 11,000.00	\$ 4,070.00	\$ 10,200.00	\$ 3,774.00	\$ 10,200.00	\$ 3,774.00
231	614	22200	WORK ZONE EDGE LINE, CLASS I, 740.06, TYPE I	\$ 1.05	MILE	\$ 5,255.00	\$ 5,517.75	\$ 5,100.00	\$ 5,355.00	\$ 5,250.00	\$ 5,512.50	\$ 5,175.00	\$ 5,433.75	\$ 6,000.00	\$ 6,300.00	\$ 5,100.00	\$ 5,355.00	\$ 5,100.00	\$ 5,355.00

PROPOSAL SHEET

LAK-VROOMAN ROAD BRIDGE AND ROADWAY IMPROVEMENTS
January 21, 2015

PART 1 – PID 5669
Project No. E033 (085)

Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
						Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid	Unit Price Bid	Total Amount Bid
232	614	23400	WORK ZONE CHANNELIZING LINE, CLASS I, 740.06, TYPE I	\$ 3,834.00	FT	\$ 0.67	\$ 2,582.93	\$ 1.80	\$ 6,901.20	\$ 1.85	\$ 7,092.90	\$ 1.85	\$ 7,092.90	\$ 2.00	\$ 7,668.00	\$ 1.80	\$ 6,901.20	\$ 1.80	\$ 6,901.20
233	614	26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I	\$ 14.00	FT	\$ 6.68	\$ 93.55	\$ 5.00	\$ 70.00	\$ 5.00	\$ 70.00	\$ 5.00	\$ 70.00	\$ 10.00	\$ 140.00	\$ 5.00	\$ 70.00	\$ 5.00	\$ 70.00
234	614	98100	WORK ZONE PAVEMENT MARKING, MISC.: CLASS I, 740.06, TYPE I	\$ 1,000.00	FT	\$ 0.54	\$ 537.06	\$ 2.00	\$ 2,000.00	\$ 2.00	\$ 2,000.00	\$ 1.00	\$ 1,000.00	\$ 3.00	\$ 3,000.00	\$ 2.00	\$ 2,000.00	\$ 2.00	\$ 2,000.00
235	615	25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	\$ 891.00	SY	\$ 28.05	\$ 25,018.85	\$ 42.00	\$ 37,422.00	\$ 45.00	\$ 40,095.00	\$ 65.00	\$ 57,915.00	\$ 50.00	\$ 44,550.00	\$ 80.00	\$ 71,280.00	\$ 105.00	\$ 93,555.00
INCIDENTALS																			
236	103	6000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND	\$ 1.00	LUMP SUM	\$128,500.00	\$ 128,500.00	\$135,000.00	\$ 135,000.00	\$200,000.00	\$ 200,000.00	\$150,000.00	\$ 150,000.00	\$163,000.00	\$ 163,000.00	\$150,000.00	\$ 150,000.00	\$ 180,000.00	\$ 180,000.00
237	SPEC	108E10000	CPM PROJECT SCHEDULE	\$ 1.00	LUMP SUM	\$ 8,462.65	\$ 8,462.65	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,500.00	\$ 2,500.00
238	614	11000	MAINTAINING TRAFFIC	\$ 1.00	LUMP SUM	\$210,200.00	\$ 210,200.00	\$135,000.00	\$ 135,000.00	\$110,000.00	\$ 110,000.00	\$125,000.00	\$ 125,000.00	\$135,000.00	\$ 135,000.00	\$125,000.00	\$ 125,000.00	\$ 250,000.00	\$ 250,000.00
239	619	16021	FIELD OFFICE, TYPE C, AS PER PLAN	\$ 30.00	MNTH	\$ 2,131.29	\$ 63,938.68	\$ 1,500.00	\$ 45,000.00	\$ 1,200.00	\$ 36,000.00	\$ 5,000.00	\$ 150,000.00	\$ 1,900.00	\$ 57,000.00	\$ 2,100.00	\$ 63,000.00	\$ 1,250.00	\$ 37,500.00
240	623	10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	\$ 1.00	LUMP SUM	\$ 52,550.00	\$ 52,550.00	\$130,000.00	\$ 130,000.00	\$ 85,000.00	\$ 85,000.00	\$100,000.00	\$ 100,000.00	\$150,000.00	\$ 150,000.00	\$100,000.00	\$ 100,000.00	\$ 200,000.00	\$ 200,000.00
241	624	10000	MOBILIZATION	\$ 1.00	LUMP SUM	\$800,000.00	\$ 800,000.00	\$800,000.00	\$ 800,000.00	\$800,000.00	\$ 800,000.00	\$800,000.00	\$ 800,000.00	\$800,000.00	\$ 800,000.00	\$800,000.00	\$ 800,000.00	\$ 800,000.00	\$ 800,000.00
BID SUB-TOTAL PART 1:						\$ 26,327,153.06		\$ 24,751,369.76		\$ 25,341,033.65		\$ 25,523,498.60		\$ 26,864,277.20		\$ 26,864,382.74		\$ 30,594,817.39	

PROPOSAL SHEET

LAK-VROOMAN ROAD ROADWAY IMPROVEMENTS

January 21, 2015

PART 2 – PID 85131

Project No. E090 (097)

Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction							
						Unit Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid			
ROADWAY																									
1	201	11000	CLEARING AND GRUBBING	1	LUMP SUM	\$ 52,550.00	\$ 52,550.00		\$ 15,000.00	\$ 15,000.00		\$ 30,000.00	\$ 30,000.00		\$ 75,000.00	\$ 75,000.00		\$ 100,000.00	\$ 100,000.00		\$ 14,000.00	\$ 14,000.00		\$ 16,300.00	\$ 16,300.00
2	202	11005	STRUCTURE REMOVED, AS PER PLAN	2	EACH	\$ 2,102.00	\$ 4,204.00		\$ 1,200.00	\$ 2,400.00		\$ 175.00	\$ 350.00		\$ 2,000.00	\$ 4,000.00		\$ 500.00	\$ 1,000.00		\$ 750.00	\$ 1,500.00		\$ 1,000.00	\$ 2,000.00
3	202	20010	HEADWALL REMOVED	2	EACH	\$ 262.75	\$ 525.50		\$ 50.00	\$ 100.00		\$ 350.00	\$ 700.00		\$ 125.00	\$ 250.00		\$ 270.00	\$ 540.00		\$ 215.00	\$ 430.00		\$ 350.00	\$ 700.00
4	202	23010	PAVEMENT REMOVED, ASPHALT	10127	SQ YD	\$ 5.26	\$ 53,217.39		\$ 6.00	\$ 60,762.00		\$ 8.00	\$ 81,016.00		\$ 6.00	\$ 60,762.00		\$ 8.00	\$ 81,016.00		\$ 8.00	\$ 81,016.00		\$ 9.00	\$ 91,143.00
5	202	35100	PIPE REMOVED, 24" AND UNDER	580	FT	\$ 14.71	\$ 8,534.12		\$ 10.00	\$ 5,800.00		\$ 10.00	\$ 5,800.00		\$ 15.00	\$ 8,700.00		\$ 12.00	\$ 6,960.00		\$ 12.00	\$ 6,960.00		\$ 20.00	\$ 11,600.00
6	203	10000	EXCAVATION	7954	CU YD	\$ 10.51	\$ 83,596.54		\$ 12.00	\$ 95,448.00		\$ 12.00	\$ 95,448.00		\$ 19.00	\$ 151,126.00		\$ 16.00	\$ 127,264.00		\$ 15.50	\$ 123,287.00		\$ 32.00	\$ 254,528.00
7	203	20000	EMBANKMENT	5003	CU YD	\$ 16.82	\$ 84,130.45		\$ 12.00	\$ 60,036.00		\$ 15.00	\$ 75,045.00		\$ 5.00	\$ 25,015.00		\$ 9.00	\$ 45,027.00		\$ 1.80	\$ 9,005.40		\$ 9.00	\$ 45,027.00
8	204	13000	EXCAVATION OF SUBGRADE	2000	CU YD	\$ 12.61	\$ 25,224.00		\$ 10.00	\$ 20,000.00		\$ 15.35	\$ 30,700.00		\$ 10.00	\$ 20,000.00		\$ 10.00	\$ 20,000.00		\$ 12.00	\$ 24,000.00		\$ 23.00	\$ 46,000.00
9	204	30010	GRANULAR MATERIAL, TYPE B	1000	CU YD	\$ 52.55	\$ 52,550.00		\$ 50.00	\$ 50,000.00		\$ 40.00	\$ 40,000.00		\$ 41.00	\$ 41,000.00		\$ 37.00	\$ 37,000.00		\$ 40.00	\$ 40,000.00		\$ 57.00	\$ 57,000.00
10	204	30020	GRANULAR MATERIAL, TYPE C	1000	CU YD	\$ 52.55	\$ 52,550.00		\$ 50.00	\$ 50,000.00		\$ 54.00	\$ 54,000.00		\$ 41.00	\$ 41,000.00		\$ 45.00	\$ 45,000.00		\$ 40.00	\$ 40,000.00		\$ 57.00	\$ 57,000.00
11	204	45000	PROOF ROLLING	8.7	HOOR	\$ 210.20	\$ 1,828.74		\$ 300.00	\$ 2,610.00		\$ 250.00	\$ 2,175.00		\$ 300.00	\$ 2,610.00		\$ 250.00	\$ 2,175.00		\$ 265.00	\$ 2,305.50		\$ 185.00	\$ 1,609.50
12	204	50000	GEOTEXTILE FABRIC	3000	SQ YD	\$ 2.10	\$ 6,306.00		\$ 1.00	\$ 3,000.00		\$ 2.00	\$ 6,000.00		\$ 2.00	\$ 6,000.00		\$ 1.00	\$ 3,000.00		\$ 1.25	\$ 3,750.00		\$ 3.50	\$ 10,500.00
13	206	10500	CEMENT	429	TON	\$ 107.20	\$ 45,989.66		\$ 150.00	\$ 64,350.00		\$ 150.00	\$ 64,350.00		\$ 127.00	\$ 54,483.00		\$ 160.00	\$ 68,640.00		\$ 127.00	\$ 54,483.00		\$ 112.00	\$ 48,048.00
14	206	11000	CURING COAT	17323	SQ YD	\$ 0.53	\$ 9,103.24		\$ 0.30	\$ 5,196.90		\$ 0.30	\$ 5,196.90		\$ 0.30	\$ 5,196.90		\$ 0.30	\$ 5,196.90		\$ 0.30	\$ 5,196.90		\$ 0.16	\$ 2,771.68
15	206	15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	17323	SQ YD	\$ 10.51	\$ 182,064.73		\$ 2.45	\$ 42,441.35		\$ 2.40	\$ 41,575.20		\$ 3.00	\$ 51,969.00		\$ 5.00	\$ 86,615.00		\$ 2.25	\$ 38,976.75		\$ 4.93	\$ 85,402.39
16	206	30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS	1	LUMP SUM	\$ 26,275.00	\$ 26,275.00		\$ 9,250.00	\$ 9,250.00		\$ 9,700.00	\$ 9,700.00		\$ 8,500.00	\$ 8,500.00		\$ 10,000.00	\$ 10,000.00		\$ 8,500.00	\$ 8,500.00		\$ 8,350.00	\$ 8,350.00
17	209	60201	LINEAR GRADING, AS PER PLAN	16.5	STATION	\$ 630.60	\$ 10,404.90		\$ 350.00	\$ 5,775.00		\$ 215.00	\$ 3,547.50		\$ 285.00	\$ 4,702.50		\$ 160.00	\$ 2,640.00		\$ 350.00	\$ 5,775.00		\$ 150.00	\$ 2,475.00
18	254	01000	PAVEMENT PLANING, ASPHALT CONCRETE	82	SQ YD	\$ 31.53	\$ 2,585.46		\$ 50.00	\$ 4,100.00		\$ 18.00	\$ 1,476.00		\$ 4.00	\$ 328.00		\$ 20.00	\$ 1,640.00		\$ 17.50	\$ 1,435.00		\$ 25.00	\$ 2,050.00
19	606	15050	GUARDRAIL, TYPE MGS	475	FT	\$ 21.02	\$ 9,984.50		\$ 14.80	\$ 7,030.00		\$ 15.50	\$ 7,362.50		\$ 21.00	\$ 9,975.00		\$ 15.00	\$ 7,125.00		\$ 30.00	\$ 14,250.00		\$ 14.80	\$ 7,030.00
20	606	15100	GUARDRAIL, TYPE MGS WITH LONG POSTS	112.5	FT	\$ 26.28	\$ 2,955.94		\$ 16.40	\$ 1,845.00		\$ 17.00	\$ 1,912.50		\$ 16.40	\$ 1,845.00		\$ 17.00	\$ 1,912.50		\$ 16.50	\$ 1,856.25		\$ 16.40	\$ 1,845.00
21	606	15150	GUARDRAIL, TYPE MGS WITH HALF POST SPACING	362.5	FT	\$ 26.28	\$ 9,524.69		\$ 20.80	\$ 7,540.00		\$ 21.80	\$ 7,902.50		\$ 20.80	\$ 7,540.00		\$ 22.00	\$ 7,975.00		\$ 22.00	\$ 7,975.00		\$ 20.80	\$ 7,540.00
22	606	26150	ANCHOR ASSEMBLY, MGS TYPE E	13	EACH	\$ 1,996.90	\$ 25,959.70		\$ 1,865.00	\$ 24,245.00		\$ 2,050.00	\$ 26,650.00		\$ 1,865.00	\$ 24,245.00		\$ 2,000.00	\$ 26,000.00		\$ 1,950.00	\$ 25,350.00		\$ 1,865.00	\$ 24,245.00
23	606	27820	ANCHOR ASSEMBLY, MGS TYPE T	3	EACH	\$ 630.60	\$ 1,891.80		\$ 750.00	\$ 2,250.00		\$ 785.00	\$ 2,355.00		\$ 750.00	\$ 2,250.00		\$ 800.00	\$ 2,400.00		\$ 750.00	\$ 2,250.00		\$ 750.00	\$ 2,250.00
24	609	12000	COMBINATION CURB AND GUTTER, TYPE 2	127	FT	\$ 19.97	\$ 2,536.06		\$ 25.00	\$ 3,175.00		\$ 35.00	\$ 4,445.00		\$ 34.00	\$ 4,318.00		\$ 35.00	\$ 4,445.00		\$ 19.50	\$ 2,476.50		\$ 37.00	\$ 4,699.00
25	609	26000	CURB, TYPE 6	3563	FT	\$ 21.02	\$ 74,894.26		\$ 14.00	\$ 49,882.00		\$ 14.50	\$ 51,663.50		\$ 13.00	\$ 46,319.00		\$ 16.00	\$ 57,008.00		\$ 21.00	\$ 74,823.00		\$ 15.00	\$ 53,445.00
26	623	38500	MONUMENT ASSEMBLY	5	EACH	\$ 709.43	\$ 3,547.13		\$ 600.00	\$ 3,000.00		\$ 565.00	\$ 2,825.00		\$ 520.00	\$ 2,600.00		\$ 1,200.00	\$ 6,000.00		\$ 1,000.00	\$ 5,000.00		\$ 850.00	\$ 4,250.00
27	SPEC	69050100	MAILBOX SUPPORT SYSTEM, SINGLE	24	EACH	\$ 115.61	\$ 2,774.64		\$ 120.00	\$ 2,880.00		\$ 100.00	\$ 2,400.00		\$ 120.00	\$ 2,880.00		\$ 200.00	\$ 4,800.00		\$ 120.00	\$ 2,880.00		\$ 250.00	\$ 6,000.00
EROSION CONTROL																									
28	601	32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	10	CU YD	\$ 78.83	\$ 788.25		\$ 90.00	\$ 900.00		\$ 100.00	\$ 1,000.00		\$ 150.00	\$ 1,500.00		\$ 250.00	\$ 2,500.00		\$ 180.00	\$ 1,800.00		\$ 500.00	\$ 5,000.00
29	659	00100	SOIL ANALYSIS TEST	1	EACH	\$ 105.10	\$ 105.10		\$ 25.00	\$ 25.00		\$ 150.00	\$ 150.00		\$ 50.00	\$ 50.00		\$ 100.00	\$ 100.00		\$ 50.00	\$ 50.00		\$ 150.00	\$ 150.00
30	659	00300	TOPSOIL	1265	CU YD	\$ 19.97	\$ 25,260.79		\$ 13.00	\$ 16,445.00		\$ 25.00	\$ 31,625.00		\$ 17.00	\$ 21,505.00		\$ 26.00	\$ 32,890.00		\$ 5.00	\$ 6,325.00		\$ 28.00	\$ 35,420.00
31	659	10000	SEEDING AND MULCHING	11362	SQ YD	\$ 0.63	\$ 7,164.88		\$ 0.69	\$ 7,839.78		\$ 0.90	\$ 10,225.80		\$ 0.90	\$ 10,225.80		\$ 0.90	\$ 10,225.80		\$ 0.78	\$ 8,862.36		\$ 0.83	\$ 9,430.46
32	659	14000	REPAIR SEEDING AND MULCHING	575	SQ YD	\$ 1.05	\$ 604.33		\$ 0.69	\$ 396.75		\$ 0.30	\$ 172.50		\$ 0.30	\$ 172.50		\$ 0.30	\$ 172.50		\$ 0.75	\$ 431.25		\$ 1.25	\$ 718.75
33	659	15000	INTER-SEEDING	575	SQ YD	\$ 0.32	\$ 181.30		\$ 0.01	\$ 5.75		\$ 0.10	\$ 57.50		\$ 0.10	\$ 57.50		\$ 0.10	\$ 57.50		\$ 0.60	\$ 345.00		\$ 0.60	\$ 345.00
34	659	20000	COMMERCIAL FERTILIZER	1.5	TON	\$ 472.95	\$ 709.43		\$ 340.00	\$ 510.00		\$ 470.00	\$ 705.00		\$ 448.00	\$ 672.00		\$ 500.00	\$ 750.00		\$ 495.00	\$ 742.50		\$ 800.00	\$ 1,200.00
35	659	31000	LIME	2.4	ACRE	\$ 73.57	\$ 176.57		\$ 25.00	\$ 60.00		\$ 100.00	\$ 240.00		\$ 100.00	\$ 240.00		\$ 100.00	\$ 240.00		\$ 30.00	\$ 72.00		\$ 30.00	\$ 72.00
36	659	35000	WATER	62	M GAL	\$ 7.88	\$ 488.72		\$ 1.00	\$ 62.00		\$ 1.00	\$ 62.00		\$ 1.00	\$ 62.00		\$ 1.00	\$ 62.00		\$ 1.00	\$ 62.00		\$ 1.00	\$ 62.00
37	659	40000	MOWING	103	M SQ FT	\$ 3.15	\$ 324.76		\$ 1.00	\$ 103.00		\$ 1.00	\$ 103.00		\$ 1.00	\$ 103.00		\$ 1.00	\$ 103.00		\$ 5.00	\$ 515.00		\$ 5.00	\$ 515.00
38	660	20000	SODDING REINFORCED	166	SQ YD	\$ 12.61	\$ 2,093.59		\$ 12.00	\$ 1,992.00		\$ 14.00	\$ 2,324.00		\$ 13.50	\$ 2,241.00		\$ 15.00	\$ 2,490.00		\$ 10.00	\$ 1,660.00		\$ 15.00	\$ 2,490.00
39	670	00700	DITCH EROSION PROTECTION	856	SQ YD	\$ 1.58	\$ 1,349.48		\$ 1.50	\$ 1,284.00		\$ 2.30	\$ 1,968.80		\$ 2.20	\$ 1,883.20		\$ 2.00	\$ 1,712.00		\$ 1.60	\$ 1,369.60		\$ 3.00	\$ 2,568.00
40	SPEC	69098300	MISC.: EROSION CONTROL MAT	240	SQ YD	\$ 262.75	\$ 63,060.00		\$ 125.00	\$ 30,000.00		\$ 2.30	\$ 552.00		\$ 2.20	\$ 528.00		\$ 26.00	\$ 6,240.00		\$ 125.00	\$ 30,000.00		\$ 300.00	\$ 72,000.00
DRAINAGE																									
41	602	20000	CONCRETE MASONARY	4.3	CU YD	\$ 1,681.60	\$ 7,230.88		\$ 400.00	\$ 1,720.00		\$ 645.00	\$ 2,773.50		\$ 565.00	\$ 2,429.50		\$ 500.00	\$ 2,150.00		\$ 580.00	\$ 2,494.00		\$ 650.00	\$ 2,795.00
42	605	13300	6" UNCLASSIFIED PIPE UNDERDRAINS	676	FT	\$ 12.61	\$ 8,525.71		\$ 8.00	\$ 5,408.00		\$ 11.75	\$ 7,943.00		\$ 12.00	\$ 8,112.00		\$ 9.50	\$ 6,422.00		\$ 8.00	\$ 5,408.00		\$ 26.00	\$ 17,576.00
43	605	14000	6" BASE PIPE UNDERDRAINS	7856	FT	\$ 8.41	\$ 66,053.25		\$ 7.00	\$ 54,992.00		\$ 11.75	\$ 92,308.00		\$ 9.00	\$ 70,704.00		\$ 9.00	\$ 70,704.00		\$ 5.50	\$ 43,208.00		\$ 11.00	\$ 86,416.00

PROPOSAL SHEET

LAK-VROOMAN ROAD ROADWAY IMPROVEMENTS

January 21, 2015

PART 2 – PID 85131

Project No. E090 (097)

						Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Unit Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid
45	611	01400	6" CONDUIT, TYPE E	100	FT	\$ 15.77	\$ 1,576.50	\$ 14.00	\$ 1,400.00	\$ 10.00	\$ 1,000.00	\$ 12.00	\$ 1,200.00	\$ 10.00	\$ 1,000.00	\$ 9.00	\$ 900.00	\$ 25.00	\$ 2,500.00
46	611	01500	6" CONDUIT, TYPE F	476	FT	\$ 17.87	\$ 8,504.69	\$ 13.00	\$ 6,188.00	\$ 20.00	\$ 9,520.00	\$ 25.00	\$ 11,900.00	\$ 16.00	\$ 7,616.00	\$ 9.00	\$ 4,284.00	\$ 45.00	\$ 21,420.00
47	611	04400	12" CONDUIT, TYPE B	505	FT	\$ 63.06	\$ 31,845.30	\$ 52.00	\$ 26,260.00	\$ 63.00	\$ 31,815.00	\$ 70.00	\$ 35,350.00	\$ 60.00	\$ 30,300.00	\$ 35.00	\$ 17,675.00	\$ 100.00	\$ 50,500.00
48	611	06100	15" CONDUIT, TYPE C	300	FT	\$ 52.55	\$ 15,765.00	\$ 70.00	\$ 21,000.00	\$ 52.00	\$ 15,600.00	\$ 65.00	\$ 19,500.00	\$ 60.00	\$ 18,000.00	\$ 40.00	\$ 12,000.00	\$ 90.00	\$ 27,000.00
49	611	52202	14"X 23" CONDUIT, TYPE B, 706.04	54	FT	\$ 157.65	\$ 8,513.10	\$ 110.00	\$ 5,940.00	\$ 130.00	\$ 7,020.00	\$ 195.00	\$ 10,530.00	\$ 140.00	\$ 7,560.00	\$ 130.00	\$ 7,020.00	\$ 175.00	\$ 9,450.00
50	611	98470	CATCH BASIN, NO. 2-2B	3	EACH	\$ 1,576.50	\$ 4,729.50	\$ 1,200.00	\$ 3,600.00	\$ 1,250.00	\$ 3,750.00	\$ 1,600.00	\$ 4,800.00	\$ 2,200.00	\$ 6,600.00	\$ 1,200.00	\$ 3,600.00	\$ 2,500.00	\$ 7,500.00
51	611	98510	CATCH BASIN, NO. 2-3	1	EACH	\$ 1,891.80	\$ 1,891.80	\$ 1,200.00	\$ 1,200.00	\$ 1,025.00	\$ 1,025.00	\$ 1,850.00	\$ 1,850.00	\$ 2,400.00	\$ 2,400.00	\$ 1,400.00	\$ 1,400.00	\$ 2,900.00	\$ 2,900.00
52	611	98700	INLET, SIDE DITCH	3	EACH	\$ 1,051.00	\$ 3,153.00	\$ 650.00	\$ 1,950.00	\$ 650.00	\$ 1,950.00	\$ 1,575.00	\$ 4,725.00	\$ 1,400.00	\$ 4,200.00	\$ 1,500.00	\$ 4,500.00	\$ 1,900.00	\$ 5,700.00
53	611	99710	PRECAST REINFORCED CONCRETE OUTLET	13	EACH	\$ 183.93	\$ 2,391.03	\$ 275.00	\$ 3,575.00	\$ 235.00	\$ 3,055.00	\$ 300.00	\$ 3,900.00	\$ 350.00	\$ 4,550.00	\$ 250.00	\$ 3,250.00	\$ 260.00	\$ 3,380.00
PAVEMENT																			
54	302	46000	ASPHALT CONCRETE BASE, PG-64-22	2595	CU YD	\$ 157.65	\$ 409,101.75	\$ 114.00	\$ 295,830.00	\$ 145.00	\$ 376,275.00	\$ 97.00	\$ 251,715.00	\$ 145.00	\$ 376,275.00	\$ 135.00	\$ 350,325.00	\$ 145.00	\$ 376,275.00
55	304	20000	AGGREGATE BASE	2898	CU YD	\$ 52.55	\$ 152,289.90	\$ 50.00	\$ 144,900.00	\$ 58.50	\$ 169,533.00	\$ 75.00	\$ 217,350.00	\$ 70.00	\$ 202,860.00	\$ 50.00	\$ 144,900.00	\$ 80.00	\$ 231,840.00
56	407	10000	TACK COAT	1164	GALLON	\$ 3.15	\$ 3,670.09	\$ 2.00	\$ 2,328.00	\$ 2.35	\$ 2,735.40	\$ 2.00	\$ 2,328.00	\$ 2.00	\$ 2,328.00	\$ 2.25	\$ 2,619.00	\$ 2.50	\$ 2,910.00
57	407	14000	TACK COAT FOR INTERMEDIATE COURSE	633	GALLON	\$ 3.15	\$ 1,995.85	\$ 2.00	\$ 1,266.00	\$ 2.35	\$ 1,487.55	\$ 2.00	\$ 1,266.00	\$ 2.00	\$ 1,266.00	\$ 2.25	\$ 1,424.25	\$ 2.50	\$ 1,582.50
58	441	50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG70-22M, (448), AS PER PLAN	657	CU YD	\$ 231.22	\$ 151,911.54	\$ 192.00	\$ 126,144.00	\$ 185.00	\$ 121,545.00	\$ 195.00	\$ 128,115.00	\$ 190.00	\$ 124,830.00	\$ 180.00	\$ 118,260.00	\$ 240.00	\$ 157,680.00
59	441	50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22, (448), AS PER PLAN	754	CU YD	\$ 231.22	\$ 174,339.88	\$ 131.00	\$ 98,774.00	\$ 150.00	\$ 113,100.00	\$ 135.00	\$ 101,790.00	\$ 150.00	\$ 113,100.00	\$ 145.00	\$ 109,330.00	\$ 175.00	\$ 131,950.00
60	441	50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), UNDER GUARDRAIL, AS PER PLAN	46	CU YD	\$ 367.85	\$ 16,921.10	\$ 292.00	\$ 13,432.00	\$ 280.00	\$ 12,880.00	\$ 260.00	\$ 11,960.00	\$ 290.00	\$ 13,340.00	\$ 270.00	\$ 12,420.00	\$ 475.00	\$ 21,850.00
61	SPEC	690E12200	HYBRID INTERLAYER PAVING MAT	15433	SQ YD	\$ 10.51	\$ 162,200.83	\$ 5.13	\$ 79,171.29	\$ 11.40	\$ 175,936.20	\$ 5.13	\$ 79,171.29	\$ 10.00	\$ 154,330.00	\$ 12.50	\$ 192,912.50	\$ 5.13	\$ 79,171.29
TRAFFIC CONTROL																			
62	621	00100	RPM	76	EACH	\$ 31.53	\$ 2,396.28	\$ 53.75	\$ 4,085.00	\$ 50.00	\$ 3,800.00	\$ 53.75	\$ 4,085.00	\$ 60.00	\$ 4,560.00	\$ 30.00	\$ 2,280.00	\$ 48.75	\$ 3,705.00
63	630	02100	GROUND MOUNTED SUPPORT, NO. 2 POST	223	FT	\$ 8.41	\$ 1,874.98	\$ 4.50	\$ 1,003.50	\$ 4.75	\$ 1,059.25	\$ 4.50	\$ 1,003.50	\$ 8.00	\$ 1,784.00	\$ 4.50	\$ 1,003.50	\$ 4.50	\$ 1,003.50
64	630	03100	GROUND MOUNTED SUPPORT, NO. 3 POST	29	FT	\$ 9.46	\$ 274.31	\$ 5.50	\$ 159.50	\$ 5.75	\$ 166.75	\$ 5.50	\$ 159.50	\$ 9.00	\$ 261.00	\$ 5.50	\$ 159.50	\$ 5.50	\$ 159.50
65	630	80100	SIGN, FLAT SHEET	84	SQ FT	\$ 21.02	\$ 1,765.68	\$ 14.00	\$ 1,176.00	\$ 14.50	\$ 1,218.00	\$ 14.00	\$ 1,176.00	\$ 16.00	\$ 1,344.00	\$ 14.00	\$ 1,176.00	\$ 14.00	\$ 1,176.00
66	630	85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	20	EACH	\$ 17.87	\$ 357.34	\$ 10.00	\$ 200.00	\$ 10.00	\$ 200.00	\$ 10.00	\$ 200.00	\$ 21.00	\$ 420.00	\$ 10.00	\$ 200.00	\$ 10.00	\$ 200.00
67	630	85500	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND STORAGE	1	EACH	\$ 21.02	\$ 21.02	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 150.00	\$ 150.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00
68	630	86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	16	EACH	\$ 14.71	\$ 235.42	\$ 15.00	\$ 240.00	\$ 15.50	\$ 248.00	\$ 15.00	\$ 240.00	\$ 16.00	\$ 256.00	\$ 15.00	\$ 240.00	\$ 15.00	\$ 240.00
69	630	86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	4	EACH	\$ 157.65	\$ 630.60	\$ 125.00	\$ 500.00	\$ 130.00	\$ 520.00	\$ 125.00	\$ 500.00	\$ 170.00	\$ 680.00	\$ 125.00	\$ 500.00	\$ 125.00	\$ 500.00
70	646	10000	EDGE LINE, 4" (WHITE)	1.66	MILE	\$ 2,627.50	\$ 4,361.65	\$ 2,300.00	\$ 3,818.00	\$ 2,400.00	\$ 3,984.00	\$ 2,300.00	\$ 3,818.00	\$ 4,000.00	\$ 6,640.00	\$ 2,300.00	\$ 3,818.00	\$ 2,300.00	\$ 3,818.00
71	646	10200	CENTER LINE	0.83	MILE	\$ 3,573.40	\$ 2,965.92	\$ 4,800.00	\$ 3,984.00	\$ 5,000.00	\$ 4,150.00	\$ 4,800.00	\$ 3,984.00	\$ 4,500.00	\$ 3,735.00	\$ 2,625.00	\$ 2,178.75	\$ 4,800.00	\$ 3,984.00
MAINTENANCE OF TRAFFIC																			
72	614	11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	48	HOUR	\$ 63.06	\$ 3,026.88	\$ 60.00	\$ 2,880.00	\$ 52.00	\$ 2,496.00	\$ 60.00	\$ 2,880.00	\$ 70.00	\$ 3,360.00	\$ 85.00	\$ 4,080.00	\$ 75.00	\$ 3,600.00
73	614	12336	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL)	4	EACH	\$ 2,417.30	\$ 9,669.20	\$ 1,985.00	\$ 7,940.00	\$ 2,000.00	\$ 8,000.00	\$ 2,200.00	\$ 8,800.00	\$ 2,000.00	\$ 8,000.00	\$ 2,500.00	\$ 10,000.00	\$ 1,985.00	\$ 7,940.00
74	614	12460	WORK ZONE MARKING SIGN	30	EACH	\$ 105.10	\$ 3,153.00	\$ 125.00	\$ 3,750.00	\$ 130.00	\$ 3,900.00	\$ 130.00	\$ 3,900.00	\$ 100.00	\$ 3,000.00	\$ 125.00	\$ 3,750.00	\$ 125.00	\$ 3,750.00
75	614	12500	REPLACEMENT SIGN	5	EACH	\$ 136.63	\$ 683.15	\$ 150.00	\$ 750.00	\$ 150.00	\$ 750.00	\$ 130.00	\$ 650.00	\$ 100.00	\$ 500.00	\$ 150.00	\$ 750.00	\$ 150.00	\$ 750.00
76	614	12600	REPLACEMENT DRUM	15	EACH	\$ 52.55	\$ 788.25	\$ 45.00	\$ 675.00	\$ 50.00	\$ 750.00	\$ 49.00	\$ 735.00	\$ 40.00	\$ 600.00	\$ 45.00	\$ 675.00	\$ 45.00	\$ 675.00
77	614	13300	BARRIER REFLECTOR, TYPE B	8	EACH	\$ 8.41	\$ 67.26	\$ 6.00	\$ 48.00	\$ 6.00	\$ 48.00	\$ 4.00	\$ 32.00	\$ 6.00	\$ 48.00	\$ 11.00	\$ 88.00	\$ 6.00	\$ 48.00
78	614	13350	OBJECT MARKER, ONE WAY	12	EACH	\$ 12.61	\$ 151.34	\$ 12.00	\$ 144.00	\$ 12.50	\$ 150.00	\$ 12.00	\$ 144.00	\$ 12.00	\$ 144.00	\$ 12.00	\$ 144.00	\$ 12.00	\$ 144.00
79	614	22100	WORK ZONE EDGE LINE, CLASS I, 642 PAINT	2.5	MILE	\$ 5,255.00	\$ 13,137.50	\$ 600.00	\$ 1,500.00	\$ 625.00	\$ 1,562.50	\$ 1,360.00	\$ 3,400.00	\$ 1,600.00	\$ 4,000.00	\$ 600.00	\$ 1,500.00	\$ 600.00	\$ 1,500.00
80	614	22200	WORK ZONE EDGE LINE, CLASS I, 740.06, TYPE 1	1.7	MILE	\$ 6,516.20	\$ 11,077.54	\$ 5,100.00	\$ 8,670.00	\$ 5,350.00	\$ 9,095.00	\$ 5,175.00	\$ 8,797.50	\$ 6,000.00	\$ 10,200.00	\$ 5,100.00	\$ 8,670.00	\$ 5,100.00	\$ 8,670.00

PROPOSAL SHEET

LAK-VROOMAN ROAD ROADWAY IMPROVEMENTS

January 21, 2015

PART 2 – PID 85131

Project No. E090 (097)

						Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Unit Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid
81	615	25001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN	1500	SQ YD	\$ 84.08	\$ 126,120.00	\$	50.00	\$ 75,000.00	\$	47.50	\$ 71,250.00	\$	55.00	\$ 82,500.00	\$	42.00	\$ 63,000.00
82	616	10000	WATER	0.5	M GAL	\$ 57.81	\$ 28.90	\$	100.00	\$ 50.00	\$	5.00	\$ 2.50	\$	250.00	\$ 125.00	\$	150.00	\$ 75.00
83	622	41011	PORTABLE BARRIER, 50", AS PER PLAN	575	FT	\$ 52.55	\$ 30,216.25	\$	25.00	\$ 14,375.00	\$	16.00	\$ 9,200.00	\$	20.00	\$ 11,500.00	\$	25.00	\$ 14,375.00
84	103	06000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND	1	LUMP SUM	\$ 31,530.00	\$ 31,530.00	\$	22,500.00	\$ 22,500.00	\$	40,000.00	\$ 40,000.00	\$	25,000.00	\$ 25,000.00	\$	24,000.00	\$ 24,000.00
85	614	11000	MAINTAINING TRAFFIC	1	LUMP SUM	\$ 105,100.00	\$ 105,100.00	\$	55,000.00	\$ 55,000.00	\$	15,000.00	\$ 15,000.00	\$	45,000.00	\$ 45,000.00	\$	102,000.00	\$ 102,000.00
86	614	12420	DETOUR SIGNING	1	LUMP SUM	\$ 15,765.00	\$ 15,765.00	\$	8,700.00	\$ 8,700.00	\$	5,000.00	\$ 5,000.00	\$	20,000.00	\$ 20,000.00	\$	5,000.00	\$ 5,000.00
87	623	10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LUMP SUM	\$ 21,020.00	\$ 21,020.00	\$	17,000.00	\$ 17,000.00	\$	45,000.00	\$ 45,000.00	\$	30,000.00	\$ 30,000.00	\$	75,000.00	\$ 75,000.00
88	624	10000	MOBILIZATION	1	LUMP SUM	\$ 105,100.00	\$ 105,100.00	\$	100,000.00	\$ 100,000.00	\$	100,000.00	\$ 100,000.00	\$	100,000.00	\$ 100,000.00	\$	152,000.00	\$ 152,000.00
89	SPEC	69098400	MISC.: PRE-CONSTRUCTION VIDEOGRAPHY	1	LUMP SUM	\$ 5,255.00	\$ 5,255.00	\$	1,000.00	\$ 1,000.00	\$	750.00	\$ 750.00	\$	3,000.00	\$ 3,000.00	\$	2,000.00	\$ 2,000.00
CULVERT - STATION 45+14																			
90	202	20010	HEADWALL REMOVED	2	EACH	\$ 315.30	\$ 630.60	\$	115.00	\$ 230.00	\$	360.00	\$ 720.00	\$	650.00	\$ 1,300.00	\$	250.00	\$ 500.00
91	202	35200	PIPE REMOVED, OVER 24"	41	FT	\$ 31.53	\$ 1,292.73	\$	10.00	\$ 410.00	\$	25.00	\$ 1,025.00	\$	80.00	\$ 3,280.00	\$	32.00	\$ 1,312.00
92	503	21101	UNCLASSIFIED EXCAVATION, AS PER PLAN	38	CU YD	\$ 84.08	\$ 3,195.04	\$	65.00	\$ 2,470.00	\$	95.00	\$ 3,610.00	\$	110.00	\$ 4,180.00	\$	110.00	\$ 4,180.00
93	503	21300	UNCLASSIFIED EXCAVATION	1	LUMP SUM	\$ 5,255.00	\$ 5,255.00	\$	2,500.00	\$ 2,500.00	\$	12,500.00	\$ 12,500.00	\$	5,000.00	\$ 5,000.00	\$	500.00	\$ 500.00
94	511	46011	CLASS QC1 CONCRETE, AS PER PLAN	36	CU YD	\$ 630.60	\$ 22,701.60	\$	600.00	\$ 21,600.00	\$	840.00	\$ 30,240.00	\$	1,000.00	\$ 36,000.00	\$	750.00	\$ 27,000.00
95	512	10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	29	SQ YD	\$ 31.53	\$ 914.37	\$	65.00	\$ 1,885.00	\$	60.00	\$ 1,740.00	\$	65.00	\$ 1,885.00	\$	40.00	\$ 1,160.00
96	518	21200	POROUS BACKFILL WITH FILTER FABRIC	7	CU YD	\$ 84.08	\$ 588.56	\$	80.00	\$ 560.00	\$	110.00	\$ 770.00	\$	145.00	\$ 1,015.00	\$	155.00	\$ 1,085.00
97	601	32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	6	CU YD	\$ 315.30	\$ 1,891.80	\$	100.00	\$ 600.00	\$	150.00	\$ 900.00	\$	240.00	\$ 1,440.00	\$	230.00	\$ 1,380.00
98	611	52701	29"x45" CONDUIT, TYPE A, AS PER PLAN	41	FT	\$ 210.20	\$ 8,618.20	\$	275.00	\$ 11,275.00	\$	375.00	\$ 15,375.00	\$	305.00	\$ 12,505.00	\$	400.00	\$ 16,400.00
CULVERT - STATION 51+72																			
99	202	20010	HEADWALL REMOVED	2	EACH	\$ 315.30	\$ 630.60	\$	115.00	\$ 230.00	\$	350.00	\$ 700.00	\$	650.00	\$ 1,300.00	\$	400.00	\$ 800.00
100	202	35200	PIPE REMOVED, OVER 24"	43	FT	\$ 31.53	\$ 1,355.79	\$	10.00	\$ 430.00	\$	20.00	\$ 860.00	\$	80.00	\$ 3,440.00	\$	32.00	\$ 1,376.00
101	503	21101	UNCLASSIFIED EXCAVATION, AS PER PLAN	89	CU YD	\$ 84.08	\$ 7,483.12	\$	80.00	\$ 7,120.00	\$	110.00	\$ 9,790.00	\$	110.00	\$ 9,790.00	\$	80.00	\$ 7,120.00
102	503	21300	UNCLASSIFIED EXCAVATION	1	LUMP SUM	\$ 5,255.00	\$ 5,255.00	\$	30,000.00	\$ 30,000.00	\$	22,500.00	\$ 22,500.00	\$	10,000.00	\$ 10,000.00	\$	2,400.00	\$ 2,400.00
103	511	46011	CLASS QC1 CONCRETE, AS PER PLAN	153	CU YD	\$ 630.60	\$ 96,481.80	\$	630.00	\$ 96,390.00	\$	600.00	\$ 91,800.00	\$	1,000.00	\$ 153,000.00	\$	650.00	\$ 99,450.00
104	512	10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	109	SQ YD	\$ 31.53	\$ 3,436.77	\$	30.00	\$ 3,270.00	\$	30.00	\$ 3,270.00	\$	30.00	\$ 3,270.00	\$	40.00	\$ 4,360.00
105	518	21200	POROUS BACKFILL WITH FILTER FABRIC	56	CU YD	\$ 84.08	\$ 4,708.48	\$	80.00	\$ 4,480.00	\$	75.00	\$ 4,200.00	\$	70.00	\$ 3,920.00	\$	75.00	\$ 4,200.00
106	601	32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	3	CU YD	\$ 315.30	\$ 945.90	\$	100.00	\$ 300.00	\$	150.00	\$ 450.00	\$	240.00	\$ 720.00	\$	400.00	\$ 1,200.00
107	611	16201	36" CONDUIT, TYPE A, AS PER PLAN	41	FT	\$ 157.65	\$ 6,463.65	\$	250.00	\$ 10,250.00	\$	315.00	\$ 12,915.00	\$	230.00	\$ 9,430.00	\$	380.00	\$ 15,580.00
CULVERT - STATION 63+73																			
108	202	20010	HEADWALL REMOVED	2	EACH	\$ 315.30	\$ 630.60	\$	600.00	\$ 1,200.00	\$	350.00	\$ 700.00	\$	650.00	\$ 1,300.00	\$	500.00	\$ 1,000.00
109	202	35200	PIPE REMOVED, OVER 24"	40	FT	\$ 31.53	\$ 1,261.20	\$	10.00	\$ 400.00	\$	25.00	\$ 1,000.00	\$	80.00	\$ 3,200.00	\$	40.00	\$ 1,600.00
110	503	21300	UNCLASSIFIED EXCAVATION	1	LUMP SUM	\$ 5,255.00	\$ 5,255.00	\$	5,000.00	\$ 5,000.00	\$	12,500.00	\$ 12,500.00	\$	5,000.00	\$ 5,000.00	\$	1,100.00	\$ 1,100.00
111	511	46011	CLASS QC1 CONCRETE, AS PER PLAN	51	CU YD	\$ 630.60	\$ 32,160.60	\$	625.00	\$ 31,875.00	\$	700.00	\$ 35,700.00	\$	1,000.00	\$ 51,000.00	\$	780.00	\$ 39,780.00
112	512	10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	39	SQ YD	\$ 31.53	\$ 1,229.67	\$	65.00	\$ 2,535.00	\$	60.00	\$ 2,340.00	\$	66.00	\$ 2,574.00	\$	40.00	\$ 1,560.00
113	518	21200	POROUS BACKFILL WITH FILTER FABRIC	14	CU YD	\$ 84.08	\$ 1,177.12	\$	80.00	\$ 1,120.00	\$	75.00	\$ 1,050.00	\$	145.00	\$ 2,030.00	\$	100.00	\$ 1,400.00
114	601	32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	4	CU YD	\$ 315.30	\$ 1,261.20	\$	100.00	\$ 400.00	\$	150.00	\$ 600.00	\$	180.00	\$ 720.00	\$	300.00	\$ 1,200.00
115	611	19201	42" CONDUIT, TYPE A, AS PER PLAN	41	FT	\$ 210.20	\$ 8,618.20	\$	375.00	\$ 15,375.00	\$	330.00	\$ 13,530.00	\$	255.00	\$ 10,455.00	\$	400.00	\$ 16,400.00
CULVERT - STATION 66+63																			

PROPOSAL SHEET

LAK-VROOMAN ROAD ROADWAY IMPROVEMENTS
January 21, 2015

PART 2 – PID 85131
Project No. E090 (097)

						Engineer Estimate		Ruhlin Company		JD Williamson		Great Lakes Construction		Keffler Bridge		Beaver Excavating		Kokosing Construction	
Ref. No.	Item	Item Ext.	Description	Quantity	Unit	Unit Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid	Unit	Price Bid	Total Amount Bid
116	202	20010	HEADWALL REMOVED	2	EACH	\$ 315.30	\$ 630.60		\$ 650.00	\$ 1,300.00		\$ 650.00	\$ 1,300.00		\$ 450.00	\$ 900.00		\$ 300.00	\$ 600.00
117	202	35200	PIPE REMOVED, OVER 24"	40	FT	\$ 31.53	\$ 1,261.20		\$ 60.00	\$ 2,400.00		\$ 50.00	\$ 2,000.00		\$ 30.00	\$ 1,200.00		\$ 60.00	\$ 2,400.00
118	503	21300	UNCLASSIFIED EXCAVATION	1	LUMP SUM	\$ 5,255.00	\$ 5,255.00		\$ 7,500.00	\$ 7,500.00		\$ 14,500.00	\$ 14,500.00		\$ 10,000.00	\$ 10,000.00		\$ 900.00	\$ 900.00
119	511	46011	CLASS QC1 CONCRETE, AS PER PLAN	65	CU YD	\$ 630.60	\$ 40,989.00		\$ 600.00	\$ 39,000.00		\$ 650.00	\$ 42,250.00		\$ 1,000.00	\$ 65,000.00		\$ 750.00	\$ 48,750.00
120	512	10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	49	SQ YD	\$ 31.53	\$ 1,544.97		\$ 65.00	\$ 3,185.00		\$ 60.00	\$ 2,940.00		\$ 65.00	\$ 3,185.00		\$ 40.00	\$ 1,960.00
121	518	21200	POROUS BACKFILL WITH FILTER FABRIC	21	CU YD	\$ 84.08	\$ 1,765.68		\$ 80.00	\$ 1,680.00		\$ 75.00	\$ 1,575.00		\$ 110.00	\$ 2,310.00		\$ 90.00	\$ 1,890.00
122	601	32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	7	CU YD	\$ 315.30	\$ 2,207.10		\$ 100.00	\$ 700.00		\$ 140.00	\$ 980.00		\$ 190.00	\$ 1,330.00		\$ 200.00	\$ 1,400.00
123	611	20701	48" CONDUIT, TYPE A, AS PER PLAN	48.5	FT	\$ 262.75	\$ 12,743.38		\$ 425.00	\$ 20,612.50		\$ 350.00	\$ 16,975.00		\$ 220.00	\$ 10,670.00		\$ 370.00	\$ 17,945.00
BID SUB-TOTAL PART 2: \$						\$ 2,959,340.32		\$ 2,217,948.32		\$ 2,548,137.85		\$ 2,471,528.69		\$ 2,785,873.20		\$ 2,417,072.51		\$ 3,209,342.57	
BID TOTAL PART 1 + PART 2: \$						\$ 29,286,493.38		\$ 26,969,318.08		\$ 27,889,171.50		\$ 27,995,027.29		\$ 29,650,150.40		\$ 29,281,455.25		\$ 33,804,159.96	