2011 Paving and Resurfacing - Phase 3

Location # 1
Barlow Street, North, from 8th Street to State Street
(28' and 36' Wide Street Reconstruction, 3" Bit. Over 8" Base)

				Engineers Estimate		Alper's		Central Michigan Contracting		Elmer's		Molon		Reith Riley	
Item No.	Est. Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	1	LSUM	Mobilization/Traffic Control	$ 22,000.00	$ 22,000.00	$ 15,500.00	$ 15,500.00	$ 10,000.00	$ 10,000.00	$ 17,000.00	$ 17,000.00	$ 31,050.00	$ 31,050.00	$ 30,045.97	$ 30,045.97
2	5355	SYD	Pavement, Remove, Special	$ 4.00	$ 21,420.00	$ 5.76	$ 30,844.80	$ 4.00	$ 21,420.00	$ 3.35	$ 17,939.25	$ 4.30	$ 23,026.50	$ 6.88	$ 36,842.40
3	916	SYD	Sidewalk, Remove	$ 8.50	$ 7,786.00	$ 5.79	$ 5,303.64	$ 3.00	$ 2,748.00	$ 8.00	$ 7,328.00	$ 7.75	$ 7,099.00	$ 4.45	$ 4,076.20
4	22	EA	Dr Structure, Remove	$ 225.00	$ 4,950.00	$ 224.00	$ 4,928.00	$ 100.00	$ 2,200.00	$ 225.00	$ 4,950.00	$ 250.00	$ 5,500.00	$ 218.93	$ 4,816.46
5	1047	FT	Sewer, Remove, less than 24 Inch	$ 3.00	$ 3,141.00	$ 5.75	$ 6,020.25	$ 1.00	$ 1,047.00	$ 3.00	$ 3,141.00	$ 2.50	$ 2,617.50	$ 10.62	$ 11,119.14
6	83	FT	Sewer, Remove, 24 Inch to 48 Inch	$ 4.00	$ 332.00	$ 5.75	$ 477.25	$ 2.00	$ 166.00	$ 4.00	$ 332.00	$ 4.75	$ 394.25	$ 10.64	$ 883.12
7	11.98	STA	Machine Grading, Modified	$ 750.00	$ 8,985.00	$ 1,170.00	$ 14,016.60	$ 700.00	$ 8,386.00	$ 1,525.00	$ 18,269.50	$ 950.00	$ 11,381.00	$ 1,548.31	$ 18,548.75
8	586	FT	Sewer, CLIV RCP, 12 Inch, Trench Detail B	$ 30.00	$ 17,580.00	$ 23.60	$ 13,829.60	$ 25.00	$ 14,650.00	$ 40.00	$ 23,440.00	$ 36.00	$ 21,096.00	$ 33.89	$ 19,859.54
9	566	FT	Sewer, CLIV RCP, 15 Inch, Trench Detail B	$ 35.00	$ 19,810.00	$ 26.95	$ 15,253.70	$ 30.00	$ 16,980.00	$ 44.00	$ 24,904.00	$ 39.00	$ 22,074.00	$ 62.21	$ 35,210.86
10	85	FT	Sewer, CLIV RCP, 18 Inch, Trench Detail B	$ 45.00	$ 3,825.00	$ 38.83	$ 3,300.55	$ 50.00	$ 4,250.00	$ 64.00	$ 5,440.00	$ 42.00	$ 3,570.00	$ 41.47	$ 3,524.95
11	85	FT	Sewer, CLIV RCP, 24 Inch, Trench Detail B	$ 50.00	$ 4,250.00	$ 55.00	$ 4,675.00	$ 60.00	$ 5,100.00	$ 74.00	$ 6,290.00	$ 55.00	$ 4,675.00	$ 74.31	$ 6,316.35
12	1	LSUM	By – Pass Pumping (Storm)	$ 2,500.00	$ 2,500.00	$ 2,900.00	$ 2,900.00	$ 5,000.00	$ 5,000.00	$ 2,600.00	$ 2,600.00	$ 5,600.00	$ 5,600.00	$ 4,267.00	$ 4,267.00
13	8	EA	Dr Structure, 24 Inch Dia, EJIW 7045 Casting	$ 1,000.00	$ 8,000.00	$ 1,351.00	$ 10,808.00	$ 1,500.00	$ 12,000.00	$ 1,315.00	$ 10,520.00	$ 1,489.00	$ 11,912.00	$ 1,348.54	$ 10,788.32
14	4	EA	Dr Structure, 48 Inch Dia, EJIW 1040 Casting (Storm)	$ 1,500.00	$ 6,000.00	$ 1,698.00	$ 6,792.00	$ 2,500.00	$ 10,000.00	$ 1,750.00	$ 7,000.00	$ 1,865.00	$ 7,460.00	$ 2,179.33	$ 8,717.32
15	2	EA	Dr Structure, 72 Inch Dia, EJIW 7045 Casting	$ 2,500.00	$ 5,000.00	$ 4,389.00	$ 8,778.00	$ 4,500.00	$ 9,000.00	$ 5,000.00	$ 10,000.00	$ 4,581.00	$ 9,162.00	$ 6,314.00	$ 12,628.00
16	1	EA	Dr Structure, 72 Inch Dia, EJIW 1040 Casting (Storm)	$ 2,500.00	$ 2,500.00	$ 6,639.00	$ 6,639.00	$ 5,500.00	$ 5,500.00	$ 5,000.00	$ 5,000.00	$ 5,792.00	$ 5,792.00	$ 7,667.44	$ 7,667.44
17	1	LSUM	By – Pass Pumping (sanitary)	$ 5,000.00	$ 5,000.00	$ 3,840.00	$ 3,840.00	$ 5,000.00	$ 5,000.00	$ 2,500.00	$ 2,500.00	$ 9,750.00	$ 9,750.00	$ 4,267.00	$ 4,267.00
18	8	EA	Lower Existing Watermain	$ 2,500.00	$ 20,000.00	$ 2,462.00	$ 19,696.00	$ 5,000.00	$ 40,000.00	$ 2,500.00	$ 20,000.00	$ 3,706.00	$ 29,648.00	$ 3,165.14	$ 25,321.12
19	6	EA	Sanitary Structure, 48 Inch Dia., EJIW 1040 Casting	$ 1,750.00	$ 10,500.00	$ 2,521.00	$ 15,126.00	$ 2,500.00	$ 15,000.00	$ 1,950.00	$ 11,700.00	$ 2,300.00	$ 13,800.00	$ 2,828.35	$ 16,970.10
20	530	FT	8" Dia. PVC Sewer Main, SDR - 35	$ 24.00	$ 12,720.00	$ 19.82	$ 10,504.60	$ 25.00	$ 13,250.00	$ 40.00	$ 21,200.00	$ 26.80	$ 14,204.00	$ 30.27	$ 16,043.10
21	799	FT	15" Dia. PVC Sewer Main, SDR - 35	$ 35.00	$ 27,965.00	$ 33.90	$ 27,086.10	$ 30.00	$ 23,970.00	$ 49.00	$ 39,151.00	$ 38.32	$ 30,617.68	$ 78.09	$ 62,393.91
22	29	EA	Sewer Wye, Transfer/Connect	$ 250.00	$ 7,250.00	$ 308.42	$ 8,944.18	$ 300.00	$ 8,700.00	$ 350.00	$ 10,150.00	$ 418.00	$ 12,122.00	$ 414.24	$ 12,012.96
23	385	FT	6" Schedule 40 PVC Lead	$ 25.00	$ 9,625.00	$ 14.75	$ 5,678.75	$ 25.00	$ 9,625.00	$ 31.50	$ 12,127.50	$ 36.15	$ 13,917.75	$ 93.56	$ 36,020.60
24	4	EA	1" Copper Water Service Connection (Short Side)	$ 750.00	$ 3,000.00	$ 700.00	$ 2,800.00	$ 750.00	$ 3,000.00	$ 950.00	$ 3,800.00	$ 827.50	$ 3,310.00	$ 692.89	$ 2,771.56
25	2	EA	1" Copper Water Service Connection (Long Side)	$ 900.00	$ 1,800.00	$ 896.00	$ 1,792.00	$ 1,250.00	$ 2,500.00	$ 1,750.00	$ 3,500.00	$ 1,148.00	$ 2,296.00	$ 984.39	$ 1,968.78
26	4384	SYD	Aggregate Base, 8 Inch	$ 4.50	$ 19,728.00	$ 5.93	$ 25,997.12	$ 4.00	$ 17,536.00	$ 5.00	$ 21,920.00	$ 4.95	$ 21,700.80	$ 7.61	$ 33,362.24
27	2503	FT	Conc. Curb and Gutter, C- 4	$ 13.00	$ 32,539.00	$ 12.40	$ 31,037.20	$ 10.00	$ 25,030.00	$ 10.90	$ 27,282.70	$ 12.29	$ 30,761.87	$ 12.40	$ 31,037.20
28	6198	SFT	Conc. Sidewalk, 4 Inch	$ 3.00	$ 18,594.00	$ 2.54	$ 15,742.92	$ 2.50	$ 15,495.00	$ 2.62	$ 16,238.76	$ 3.46	$ 21,445.08	$ 2.54	$ 15,742.92
29	3125	SFT	Conc., 6 Inch, Non-Reinforced, Sidewalks, Drives/ADA Ramps	$ 5.00	$ 15,625.00	$ 3.01	$ 9,406.25	$ 3.50	$ 10,937.50	$ 3.17	$ 9,906.25	$ 4.06	$ 12,687.50	$ 3.01	$ 9,406.25
30	1257	SFT	Conc., 9 Inch, Non-Reinforced, Sidewalks, Drives/ADA Ramps	$ 6.00	$ 7,542.00	$ 3.85	$ 4,839.45	$ 6.50	$ 8,170.50	$ 4.00	$ 5,028.00	$ 4.89	$ 6,146.73	$ 3.85	$ 4,839.45
31	160	SFT	Detectable Warning, Cast in Place, Replaceable, Brick Red	$ 22.00	$ 3,520.00	$ 27.75	$ 4,440.00	$ 22.50	$ 3,600.00	$ 20.00	$ 3,200.00	$ 20.00	$ 3,200.00	$ 27.75	$ 4,440.00
32	5	EA	Valve Box Cover, EJIW 8560 Casting, Furnish/Adjust	$ 250.00	$ 1,250.00	$ 220.00	$ 1,100.00	$ 250.00	$ 1,250.00	$ 225.00	$ 1,125.00	$ 300.00	$ 1,500.00	$ 491.24	$ 2,456.20
33	375	TON	13A HMA Leveling (165#/SY)	$ 58.00	$ 21,750.00	$ 62.00	$ 23,250.00	$ 65.00	$ 24,375.00	$ 63.30	$ 23,737.50	$ 60.00	$ 22,500.00	$ 64.49	$ 24,183.75
34	375	TON	13A HMA Top (165#/SY)	$ 59.00	$ 22,125.00	$ 63.35	$ 23,756.25	$ 65.00	$ 24,375.00	$ 63.30	$ 23,737.50	$ 61.00	$ 22,875.00	$ 65.74	$ 24,652.50
35	426	FT	Pavt Mrkg, Ovly Cold Plastic, 24 Inch, Special Emphasis Crosswalk	$ 7.00	$ 2,982.00	$ 10.95	$ 4,664.70	$ 11.00	$ 4,686.00	$ 10.75	$ 4,579.50	$ 10.90	$ 4,643.40	$ 7.25	$ 3,088.50
36	100	FT	Pavt Mrkg, Ovly Cold Plastic, 24 Inch, Stop Bar	$ 7.50	$ 750.00	$ 10.95	$ 1,095.00	$ 10.50	$ 1,050.00	$ 9.95	$ 995.00	$ 10.90	$ 1,090.00	$ 7.25	$ 725.00
37	640	FT	Pavt Mrkg, Polyurea, 4 Inch, White	$ 1.00	$ 640.00	$ 0.99	$ 633.60	$ 3.50	$ 2,240.00	$ 3.25	$ 2,080.00	$ 0.98	$ 627.20	$ 1.00	$ 640.00
38	640	FT	Recessing Pavement Markings	$ 0.75	$ 480.00	$ 0.99	$ 633.60	$ 2.50	$ 1,600.00	$ 2.15	$ 1,376.00	$ 0.99	$ 633.60	$ 1.00	$ 640.00
39	336	FT	Post, Steel, 3LB (14' Length)	$ 3.00	$ 1,008.00	$ 5.75	$ 1,932.00	$ 6.00	$ 2,016.00	$ 5.50	$ 1,848.00	$ 6.80	$ 2,284.80	$ 5.50	$ 1,848.00
40	81	SFT	Sign, Type IIIB	$ 15.00	$ 1,215.00	$ 17.00	$ 1,377.00	$ 20.00	$ 1,620.00	$ 16.00	$ 1,296.00	$ 15.80	$ 1,279.80	$ 16.00	$ 1,296.00
41	2840	SYD	4 Inch Screened Topsoil, Seed, Fert, Mulch	$ 4.00	$ 11,360.00	$ 4.77	$ 13,546.80	$ 4.50	$ 12,780.00	$ 5.00	$ 14,200.00	$ 5.65	$ 16,046.00	$ 3.85	$ 10,934.00
Total Bid for Location # 1, Randolph Street (Items 1 through 41, inclusive)					**$ 397,047.00**		**$ 408,985.91**		**$ 406,253.00**		**$ 446,832.46**		**$ 471,496.46**		**$ 562,372.96**

				Engineers Estimate		Alper's		Central Michigan Contracting		Elmer's		Molon		Reith Riley	
Location # 2 SID # 2011-01 **Alley west of Garfield Avenue, between Lincoln Street and Boyd Avenue** **(20' Wide HMA Surfacing over 22A gravel Base)**															
Item No.	**Est. Qty**	**Unit**	**Description of Items**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**	**Unit Price**	**Total Price**
42	1	LSUM	Misc. Sawcuts, Removal and Wedging	$ 1,000.00	$ 1,000.00	$ 620.00	$ 620.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 3,553.00	$ 3,553.00	$ 8,000.00	$ 8,000.00
43	800	SYD	Aggregate Base, 22A, 3 Inch	$ 3.00	$ 2,400.00	$ 2.68	$ 2,144.00	$ 3.50	$ 2,800.00	$ 3.00	$ 2,400.00	$ 3.30	$ 2,640.00	$ 6.85	$ 5,480.00
44	800	SYD	Shaping and Fine Grading	$ 0.75	$ 600.00	$ 1.30	$ 1,040.00	$ 3.00	$ 2,400.00	$ 0.50	$ 400.00	$ 2.90	$ 2,320.00	$ 7.75	$ 6,200.00
45	1	EA	French Drain (2' Dia. By 10' deep filled with 2" drain stone)	$ 1,000.00	$ 1,000.00	$ 800.00	$ 800.00	$ 4,000.00	$ 4,000.00	$ 750.00	$ 750.00	$ 2,070.00	$ 2,070.00	$ 4,000.00	$ 4,000.00
46	70	TON	13A HMA Leveling (165#/SY)	$ 67.00	$ 4,690.00	$ 87.67	$ 6,136.90	$ 85.00	$ 5,950.00	$ 83.70	$ 5,859.00	$ 60.50	$ 4,235.00	$ 87.67	$ 6,136.90
47	50	TON	13A HMA Top (110#/SY)	$ 69.00	$ 3,450.00	$ 105.64	$ 5,282.00	$ 94.00	$ 4,700.00	$ 92.70	$ 4,635.00	$ 61.50	$ 3,075.00	$ 105.64	$ 5,282.00
Total Bid for Location # 2, SID # 2011-01 **(Items 42through 47, inclusive)**				**$ 13,140.00**		$ 16,022.90		$ 24,850.00		$ 19,044.00		$ 17,893.00		$ 35,098.90	
Total Bid for Project (Items 1 through 47, inclusive)				**$ 410,187.00**		$ 425,008.81		$ 431,103.00		$ 465,876.46		$ 489,389.46		$ 597,471.86	