

City Of Spokane
Engineering Services Department

***** Bid Tabulation *****

Project Number: 2015056

Project Description: Five Mile Rd - Lincoln Rd to Strong Rd

Original Date: 1/30/2019 4:53:03 PM

Funding Source: State

Update Date: 3/14/2019 8:00:39 AM

Preparer: Jonathan Adams

Addendum:

Project Number:	2015056	Engineer's Estimate		National Native American Construction, Inc	Murphy Brothers Inc	L & L Cargile Inc				
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 01 Street

Sales tax shall be included in unit prices

101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
102	SPCC PLAN	1 LS	*****	1,000.00	*****	730.00	*****	1,000.00	*****	245.00
103	POTHOLING	60 EA	400.00	24,000.00	454.00	27,240.00	250.00	15,000.00	150.00	9,000.00
104	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	5,000.00	*****	34,550.00	*****	15,000.00	*****	5,000.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	6 EA	500.00	3,000.00	743.00	4,458.00	700.00	4,200.00	425.00	2,550.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,500.00	*****	1,837.00	*****	1,700.00	*****	3,000.00
107	MOBILIZATION	1 LS	*****	295,578.60	*****	117,350.00	*****	127,201.17	*****	151,240.00
108	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	95,000.00	*****	117,350.00	*****	115,000.00	*****	58,000.00
109	SPECIAL SIGNS	500 SF	20.00	10,000.00	14.04	7,020.00	18.50	9,250.00	13.00	6,500.00
110	PORTABLE CHANGEABLE MESSAGE SIGN	1000 HR	7.00	7,000.00	2.93	2,930.00	4.00	4,000.00	3.00	3,000.00
111	TYPE III BARRICADE	50 EA	50.00	2,500.00	52.70	2,635.00	50.00	2,500.00	45.00	2,250.00
112	CLEARING AND GRUBBING	1 LS	*****	10,000.00	*****	25,355.00	*****	30,000.00	*****	15,200.00
113	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	2,000.00	*****	1,600.00	*****	1,200.00	*****	260.00
114	AIR OR HYDRO EVACUATION	6 EA	70.00	420.00	790.00	4,740.00	700.00	4,200.00	675.00	4,050.00

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<i>Schedule 01</i>		Street			Sales tax shall be included in unit prices					
115	TREE PROTECTION ZONE	28 EA	350.00	9,800.00	250.00	7,000.00	215.00	6,020.00	210.00	5,880.00
116	REMOVE TREE, CLASS 1	37 EA	500.00	18,500.00	425.00	15,725.00	375.00	13,875.00	360.00	13,320.00
117	REMOVE TREE, CLASS 2	2 EA	1,200.00	2,400.00	1,125.00	2,250.00	1,000.00	2,000.00	960.00	1,920.00
118	TREE PRUNING	17 EA	400.00	6,800.00	250.00	4,250.00	215.00	3,655.00	210.00	3,570.00
119	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	7,500.00	*****	2,280.00	*****	10,000.00	*****	2,132.00
120	REMOVE EXISTING CURB AND GUTTER	1750 LF	10.00	17,500.00	1.82	3,185.00	6.00	10,500.00	8.70	15,225.00
121	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	600 SY	9.00	5,400.00	5.83	3,498.00	9.00	5,400.00	9.50	5,700.00
122	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	1 EA	500.00	500.00	500.00	500.00	400.00	400.00	390.00	390.00
123	REMOVE EXISTING < 12 IN. DIAMETER PIPE	32 LF	6.00	192.00	21.50	688.00	7.00	224.00	25.00	800.00
124	REMOVE EXISTING > 12 IN. TO < 30 IN. DIAMETER PIPE	250 LF	12.00	3,000.00	7.92	1,980.00	6.00	1,500.00	25.00	6,250.00
125	SAWCUTTING CURB	12 EA	50.00	600.00	58.50	702.00	35.00	420.00	20.00	240.00
126	SAWCUTTING RIGID PAVEMENT	250 LFI	2.00	500.00	1.46	365.00	3.00	750.00	1.00	250.00
127	SAWCUTTING FLEXIBLE PAVEMENT	2500 LFI	1.00	2,500.00	0.41	1,025.00	0.50	1,250.00	0.50	1,250.00
128	ROADWAY EXCAVATION INCL. HAUL	7236 CY	40.00	289,440.00	12.00	86,832.00	20.00	144,720.00	30.00	217,080.00
129	REMOVE UNSUITABLE FOUNDATION MATERIAL	1600 CY	20.00	32,000.00	13.44	21,504.00	15.00	24,000.00	10.00	16,000.00
130	REPLACE UNSUITABLE FOUNDATION MATERIAL	1600 CY	30.00	48,000.00	25.91	41,456.00	30.00	48,000.00	15.00	24,000.00
131	COMMON BORROW INCL. HAUL	200 CY	27.00	5,400.00	27.35	5,470.00	32.00	6,400.00	15.00	3,000.00
132	PREPARATION OF UNTREATED ROADWAY	13658 SY	2.00	27,316.00	1.50	20,487.00	1.20	16,389.60	3.50	47,803.00
133	CONSTRUCTION GEOSYNTHETIC FOR SOIL STABILIZATION	604 SY	4.00	2,416.00	2.50	1,510.00	2.50	1,510.00	2.00	1,208.00

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134	CRUSHED SURFACING TOP COURSE	1150 CY	45.00	51,750.00	48.50	55,775.00	45.00	51,750.00	55.00	63,250.00
135	CRUSHED SURFACING BASE COURSE	1500 CY	50.00	75,000.00	49.59	74,385.00	46.00	69,000.00	55.00	82,500.00
136	CSTC FOR SIDEWALK AND DRIVEWAYS	300 CY	80.00	24,000.00	145.95	43,785.00	100.00	30,000.00	90.00	27,000.00
137	BALLAST	150 CY	60.00	9,000.00	56.00	8,400.00	65.00	9,750.00	64.00	9,600.00
138	CEMENT TREATED BASE INSTALLATION	13054 SY	6.00	78,324.00	3.10	40,467.40	4.50	58,743.00	7.00	91,378.00
139	PORTLAND CEMENT TYPE 2	400 TO	160.00	64,000.00	184.24	73,696.00	160.00	64,000.00	142.25	56,900.00
140	HMA CL. 1/2 IN. PG 70-28, 5 INCH THICK	13054 SY	30.00	391,620.00	26.35	343,972.90	23.00	300,242.00	25.00	326,350.00
141	HMA CL. 3/8 IN. PG 64-28, 2 INCH THICK	604 SY	12.00	7,248.00	18.45	11,143.80	14.50	8,758.00	16.00	9,664.00
142	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 5 INCH THICK	20 SY	70.00	1,400.00	262.38	5,247.60	104.00	2,080.00	225.00	4,500.00
143	HMA FOR TRANSITION, CL. 1/2 IN. PG 64-28, 2 INCH THICK	100 SY	45.00	4,500.00	24.49	2,449.00	40.00	4,000.00	21.00	2,100.00
144	SOIL RESIDUAL HERBICIDE	685 SY	0.30	205.50	0.29	198.65	0.50	342.50	1.00	685.00
145	PAVEMENT REPAIR EXCAVATION INCL. HAUL	20 SY	50.00	1,000.00	69.65	1,393.00	50.00	1,000.00	47.50	950.00
146	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
147	COMPACTION PRICE ADJUSTMENT	1 EST	9,025.00	9,025.00	9,025.00	9,025.00	9,025.00	9,025.00	9,025.00	9,025.00
148	FURNISHING CONCRETE FOR COLORED CEMENT CONCRETE PAVEMENT	110 CY	400.00	44,000.00	263.00	28,930.00	250.00	27,500.00	235.00	25,850.00
149	CEMENT COLORED CONC. PAVEMENT, 8 IN. THICK	495 SY	120.00	59,400.00	36.50	18,067.50	55.00	27,225.00	54.00	26,730.00
150	CEMENT CONCRETE CURB WALL	20 LF	120.00	2,400.00	138.55	2,771.00	65.00	1,300.00	60.00	1,200.00
151	SCHEDULE A CULV. PIPE 8 IN. DIAM.	110 LF	40.00	4,400.00	46.00	5,060.00	45.00	4,950.00	40.00	4,400.00
152	SCHEDULE A CULV. PIPE 12 IN. DIAM.	320 LF	45.00	14,400.00	44.00	14,080.00	44.00	14,080.00	68.00	21,760.00

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153	SCHEDULE A CULV. PIPE 18 IN. DIAM.	250 LF	55.00	13,750.00	56.26	14,065.00	54.00	13,500.00	77.00	19,250.00
154	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	1180 LF	50.00	59,000.00	40.00	47,200.00	45.00	53,100.00	53.80	63,484.00
155	MANHOLE TYPE I-48, BASIC PRICE	5 EA	4,200.00	21,000.00	4,975.00	24,875.00	2,500.00	12,500.00	3,262.00	16,310.00
156	DRYWELL TYPE 1	16 EA	3,500.00	56,000.00	4,100.00	65,600.00	3,500.00	56,000.00	3,530.00	56,480.00
157	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	3 EA	800.00	2,400.00	540.00	1,620.00	750.00	2,250.00	750.00	2,250.00
158	VALVE BOX AND COVER	9 EA	500.00	4,500.00	265.00	2,385.00	400.00	3,600.00	450.00	4,050.00
159	RECONSTRUCT MANHOLE INVERT	1 EA	1,500.00	1,500.00	970.00	970.00	1,200.00	1,200.00	2,000.00	2,000.00
160	CLEANING EXISTING DRAINAGE STRUCTURE	3 EA	300.00	900.00	620.00	1,860.00	325.00	975.00	250.00	750.00
161	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	30 CY	18.00	540.00	20.00	600.00	25.00	750.00	10.00	300.00
162	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	30 CY	25.00	750.00	45.00	1,350.00	45.00	1,350.00	15.00	450.00
163	IMPORTED BACKFILL	350 CY	25.00	8,750.00	25.29	8,851.50	32.00	11,200.00	15.00	5,250.00
164	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	2,600.00	*****	7,000.00	*****	4,000.00
165	CATCH BASIN SEWER PIPE 8 IN. DIAM.	30 LF	30.00	900.00	72.50	2,175.00	48.00	1,440.00	42.00	1,260.00
166	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	250 LF	55.00	13,750.00	66.54	16,635.00	60.00	15,000.00	64.20	16,050.00
167	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	500.00	1,000.00	985.00	1,970.00	950.00	1,900.00	1,000.00	2,000.00
168	CONNECT 12 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	800.00	1,600.00	1,100.00	2,200.00	950.00	1,900.00	1,200.00	2,400.00
169	PLUGGING EXISTING PIPE	2 EA	300.00	600.00	290.00	580.00	400.00	800.00	125.00	250.00
170	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	5,200.00	*****	2,300.00	*****	1,500.00

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171	CLEANING EXISTING SANITARY SEWER	1 EA	300.00	300.00	6,600.00	6,600.00	330.00	330.00	345.00	345.00
172	HYDRANT ASSEMBLY	1 EA	6,000.00	6,000.00	5,470.00	5,470.00	6,500.00	6,500.00	5,548.00	5,548.00
173	TRENCH EXCAVATION FOR WATER SERVICE TAP	100 CY	30.00	3,000.00	18.00	1,800.00	32.00	3,200.00	36.00	3,600.00
174	ESC LEAD	1 LS	*****	1,000.00	*****	5,285.00	*****	475.00	*****	250.00
175	INLET PROTECTION	18 EA	90.00	1,620.00	88.00	1,584.00	95.00	1,710.00	85.00	1,530.00
176	STABILIZED CONSTRUCTION ENTRANCE	200 SY	20.00	4,000.00	17.02	3,404.00	20.00	4,000.00	14.00	2,800.00
177	STREET CLEANING	70 HR	125.00	8,750.00	275.00	19,250.00	200.00	14,000.00	140.00	9,800.00
178	WATTLE	40 LF	5.00	200.00	10.65	426.00	10.00	400.00	4.00	160.00
179	TOPSOIL TYPE A, 4 INCH THICK	3700 SY	10.00	37,000.00	5.52	20,424.00	12.50	46,250.00	5.25	19,425.00
180	PSIPE 2 INCH CALIPER SHADE TREE	97 EA	500.00	48,500.00	511.30	49,596.10	560.00	54,320.00	475.00	46,075.00
181	WEED SPRAYING AND CONTROL	3 EA	1,000.00	3,000.00	1,610.00	4,830.00	1,500.00	4,500.00	1,500.00	4,500.00
182	BARK OR WOOD CHIP MULCH	8 CY	75.00	600.00	98.00	784.00	86.00	688.00	90.00	720.00
183	AGGREGATE TOP DRESSING, 12 INCH THICK	48 CY	175.00	8,400.00	212.60	10,204.80	195.00	9,360.00	200.00	9,600.00
184	LANDSCAPE BOULDER	3 EA	600.00	1,800.00	230.00	690.00	200.00	600.00	210.00	630.00
185	COLUMNAR BASALT - IRREGULAR	86 LF	140.00	12,040.00	150.00	12,900.00	130.00	11,180.00	138.00	11,868.00
186	COLUMNAR BASALT - INCREMENTAL	85 LF	250.00	21,250.00	207.00	17,595.00	185.00	15,725.00	190.00	16,150.00
187	HYDROSEEDING	9000 SY	5.00	45,000.00	0.64	5,760.00	1.05	9,450.00	1.25	11,250.00
188	SOD INSTALLATION	400 SY	9.00	3,600.00	10.57	4,228.00	10.00	4,000.00	10.00	4,000.00
189	TOPSOIL FOR BIO-INFILTRATION SWALES, 12 INCH THICK INCL. SE	4400 SY	34.00	149,600.00	23.21	102,124.00	21.00	92,400.00	21.25	93,500.00

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190	CONSTRUCT BIO-INFILTRATION SWALE	4400 SY	5.00	22,000.00	4.89	21,516.00	4.00	17,600.00	4.00	17,600.00
191	SWALE DRAIN PAD	100 SY	75.00	7,500.00	121.69	12,169.00	170.00	17,000.00	175.00	17,500.00
192	CURB DROP INLET	80 EA	150.00	12,000.00	207.50	16,600.00	75.00	6,000.00	82.00	6,560.00
193	IRRIGATION SYSTEM	1 LS	*****	68,000.00	*****	99,505.00	*****	90,000.00	*****	95,000.00
194	4 IN. PVC IRRIGATION SLEEVE	1650 LF	9.00	14,850.00	6.80	11,220.00	10.00	16,500.00	9.80	16,170.00
195	4 IN. DUCTILE IRRIGATION SLEEVE	300 LF	30.00	9,000.00	25.21	7,563.00	30.00	9,000.00	32.00	9,600.00
196	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	*****	5,000.00	*****	13,100.00	*****	11,500.00	*****	14,000.00
197	CEMENT CONCRETE CURB	500 LF	27.00	13,500.00	20.28	10,140.00	20.00	10,000.00	19.00	9,500.00
198	CEMENT CONC. CURB AND GUTTER	6500 LF	16.00	104,000.00	15.30	99,450.00	12.00	78,000.00	11.38	73,970.00
199	ROUNDAABOUT CENTRAL ISLAND CEMENT CONC. CURB	200 LF	25.00	5,000.00	19.98	3,996.00	19.00	3,800.00	19.00	3,800.00
200	ROUNDAABOUT CEMENT CONCRETE CURB AND GUTTER	295 LF	25.00	7,375.00	30.10	8,879.50	350.00	103,250.00	37.00	10,915.00
201	ROUNDAABOUT SPLITTER ISLAND NOSING CURB	4 EA	300.00	1,200.00	467.87	1,871.48	40.00	160.00	265.00	1,060.00
202	CEMENT CONC. SPILLWAY	1 EA	1,500.00	1,500.00	434.29	434.29	1,500.00	1,500.00	525.00	525.00
203	CEMENT CONCRETE DRIVEWAY	950 SY	50.00	47,500.00	56.59	53,760.50	50.00	47,500.00	45.00	42,750.00
204	CEMENT CONCRETE DRIVEWAY TRANSITION	60 SY	50.00	3,000.00	55.65	3,339.00	45.00	2,700.00	42.00	2,520.00
205	CHANNELIZING DEVICES	4 EA	250.00	1,000.00	270.02	1,080.08	250.00	1,000.00	250.00	1,000.00
206	MODIFY FENCING, STA 8+50	1 LS	*****	1,000.00	*****	2,068.18	*****	1,850.00	*****	1,800.00
207	CHAIN LINK FENCE TYPE 4	106 LF	50.00	5,300.00	43.66	4,627.96	42.00	4,452.00	41.50	4,399.00
208	END GATE CORNER AND PULL POST FOR CHAIN LINK FENCE	4 EA	200.00	800.00	229.79	919.16	210.00	840.00	210.00	840.00

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209	MONUMENT FRAME AND COVER	1 EA	500.00	500.00	110.30	110.30	250.00	250.00	560.00	560.00
210	CEMENT CONC. SIDEWALK	2900 SY	45.00	130,500.00	30.82	89,378.00	43.00	124,700.00	40.75	118,175.00
211	RAMP DETECTABLE WARNING	252 SF	22.00	5,544.00	18.06	4,551.12	25.00	6,300.00	22.50	5,670.00
212	QUARRY SPALLS	10 CY	120.00	1,200.00	155.80	1,558.00	110.00	1,100.00	70.00	700.00
213	MAILBOX SUPPORT TYPE 1	3 EA	100.00	300.00	557.26	1,671.78	550.00	1,650.00	500.00	1,500.00
214	ILLUMINATION SYSTEM	1 LS	*****	60,000.00	*****	59,500.00	*****	62,500.00	*****	72,000.00
215	SIGNING, PERMANENT	1 LS	*****	25,000.00	*****	26,254.49	*****	24,000.00	*****	25,008.00
216	PAVEMENT MARKING - DURABLE HEAT APPLIED	745 SF	10.00	7,450.00	9.82	7,315.90	10.00	7,450.00	9.40	7,003.00
217	PAVEMENT MARKING - DURABLE INLAY TAPE	3939 SF	10.00	39,390.00	6.87	27,060.93	7.50	29,542.50	6.55	25,800.45
218	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	4 EA	200.00	800.00	136.15	544.60	140.00	560.00	130.00	520.00
219	REINFORCED DOWELED CURB	871 LF	35.00	30,485.00	18.95	16,505.45	15.00	13,065.00	113.00	98,423.00
220	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	47 LF	30.00	1,410.00	59.65	2,803.55	60.00	2,820.00	60.00	2,820.00
221	TRAFFIC ISLAND COLORED CONCRETE	360 SY	80.00	28,800.00	63.96	23,025.60	165.00	59,400.00	165.00	59,400.00
222	REMOVABLE BALLARD	1 EA	1,500.00	1,500.00	1,652.00	1,652.00	2,500.00	2,500.00	1,538.00	1,538.00
223	CEMENT CONCRETE INTEGRAL CURB AND SIDEWALK 5.5 FT. WIDE	200 LF	75.00	15,000.00	41.17	8,234.00	45.00	9,000.00	40.50	8,100.00
Schedule Totals				3,007,939.10		2,423,445.12		2,544,352.77		2,586,666.45

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<i>Schedule 03</i>		Water			Sales tax shall NOT be included in unit prices						
301	POTHOLING	20 EA	400.00	8,000.00	575.00	11,500.00	250.00	5,000.00	150.00	3,000.00	
302	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	100 CY	18.00	1,800.00	27.35	2,735.00	20.00	2,000.00	10.00	1,000.00	
303	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	100 CY	25.00	2,500.00	29.49	2,949.00	42.00	4,200.00	15.00	1,500.00	
304	IMPORTED BACKFILL	1000 CY	25.00	25,000.00	21.26	21,260.00	32.00	32,000.00	15.00	15,000.00	
305	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	1,301.81	*****	1,800.00	*****	4,000.00	
306	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	5,170.47	*****	1,800.00	*****	5,000.00	
307	DI PIPE FOR WATER MAIN 12 IN. DIAM.	160 LF	100.00	16,000.00	92.13	14,740.80	86.00	13,760.00	110.00	17,600.00	
308	DI PIPE FOR WATER MAIN 18 IN. DIAM.	2535 LF	140.00	354,900.00	73.02	185,105.70	85.00	215,475.00	97.80	247,923.00	
309	BLOWOFF ASSEMBLY	2 EA	12,000.00	24,000.00	4,848.21	9,696.42	6,300.00	12,600.00	8,000.00	16,000.00	
310	VALVE BYPASS PIPING (4INCH)	3 EA	500.00	1,500.00	3,416.14	10,248.42	7,600.00	22,800.00	5,000.00	15,000.00	
311	GATE VALVE 12 IN.	1 EA	2,650.00	2,650.00	3,335.01	3,335.01	3,200.00	3,200.00	3,000.00	3,000.00	
312	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY	2 EA	2,500.00	5,000.00	4,894.17	9,788.34	4,500.00	9,000.00	3,500.00	7,000.00	
Schedule Totals				448,850.00		277,830.97		323,635.00		336,023.00	

Project Number: 2015056		Engineer's Estimate			Halme Construction Inc		DW Excavating, Inc_		LaRiviere Inc	
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 01		Street								
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101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
102	SPCC PLAN	1 LS	*****	1,000.00	*****	500.00	*****	150.00	*****	1,200.00
103	POTHOLING	60 EA	400.00	24,000.00	510.03	30,601.80	305.00	18,300.00	300.00	18,000.00
104	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	5,000.00	*****	500.00	*****	7,000.00	*****	15,000.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	6 EA	500.00	3,000.00	550.29	3,301.74	770.00	4,620.00	750.00	4,500.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,500.00	*****	1,984.22	*****	1,900.00	*****	1,800.00
107	MOBILIZATION	1 LS	*****	295,578.60	*****	280,000.00	*****	209,000.00	*****	75,000.00
108	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	95,000.00	*****	30,622.26	*****	75,570.00	*****	82,000.00
109	SPECIAL SIGNS	500 SF	20.00	10,000.00	15.87	7,935.00	15.00	7,500.00	24.00	12,000.00
110	PORTABLE CHANGEABLE MESSAGE SIGN	1000 HR	7.00	7,000.00	3.31	3,310.00	7.26	7,260.00	4.00	4,000.00
111	TYPE III BARRICADE	50 EA	50.00	2,500.00	59.53	2,976.50	55.00	2,750.00	30.00	1,500.00
112	CLEARING AND GRUBBING	1 LS	*****	10,000.00	*****	6,008.70	*****	19,000.00	*****	33,000.00
113	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	2,000.00	*****	3,774.12	*****	2,000.00	*****	1,800.00
114	AIR OR HYDRO EVACUATION	6 EA	70.00	420.00	892.90	5,357.40	744.00	4,464.00	800.00	4,800.00
115	TREE PROTECTION ZONE	28 EA	350.00	9,800.00	581.06	16,269.68	254.00	7,112.00	250.00	7,000.00
116	REMOVE TREE, CLASS 1	37 EA	500.00	18,500.00	476.20	17,619.40	435.00	16,095.00	400.00	14,800.00
117	REMOVE TREE, CLASS 2	2 EA	1,200.00	2,400.00	608.48	1,216.96	1,162.00	2,324.00	1,100.00	2,200.00
118	TREE PRUNING	17 EA	400.00	6,800.00	277.79	4,722.43	254.00	4,318.00	250.00	4,250.00
119	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	7,500.00	*****	8,317.72	*****	1,000.00	*****	25,000.00

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<i>Schedule Description</i>					<i>Tax Classification</i>					
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120	REMOVE EXISTING CURB AND GUTTER	1750 LF	10.00	17,500.00	3.49	6,107.50	3.50	6,125.00	7.00	12,250.00
121	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	600 SY	9.00	5,400.00	5.88	3,528.00	10.00	6,000.00	10.00	6,000.00
122	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	1 EA	500.00	500.00	222.77	222.77	640.00	640.00	700.00	700.00
123	REMOVE EXISTING < 12 IN. DIAMETER PIPE	32 LF	6.00	192.00	7.68	245.76	19.00	608.00	7.00	224.00
124	REMOVE EXISTING > 12 IN. TO < 30 IN. DIAMETER PIPE	250 LF	12.00	3,000.00	13.09	3,272.50	20.00	5,000.00	11.00	2,750.00
125	SAWCUTTING CURB	12 EA	50.00	600.00	26.46	317.52	50.00	600.00	30.00	360.00
126	SAWCUTTING RIGID PAVEMENT	250 LFI	2.00	500.00	0.95	237.50	1.00	250.00	1.20	300.00
127	SAWCUTTING FLEXIBLE PAVEMENT	2500 LFI	1.00	2,500.00	0.33	825.00	0.30	750.00	0.35	875.00
128	ROADWAY EXCAVATION INCL. HAUL	7236 CY	40.00	289,440.00	5.00	36,180.00	19.50	141,102.00	18.00	130,248.00
129	REMOVE UNSUITABLE FOUNDATION MATERIAL	1600 CY	20.00	32,000.00	19.32	30,912.00	18.00	28,800.00	28.00	44,800.00
130	REPLACE UNSUITABLE FOUNDATION MATERIAL	1600 CY	30.00	48,000.00	18.20	29,120.00	27.00	43,200.00	35.00	56,000.00
131	COMMON BORROW INCL. HAUL	200 CY	27.00	5,400.00	18.18	3,636.00	25.00	5,000.00	38.00	7,600.00
132	PREPARATION OF UNTREATED ROADWAY	13658 SY	2.00	27,316.00	1.54	21,033.32	2.00	27,316.00	2.00	27,316.00
133	CONSTRUCTION GEOSYNTHETIC FOR SOIL STABILIZATION	604 SY	4.00	2,416.00	1.96	1,183.84	3.50	2,114.00	4.00	2,416.00
134	CRUSHED SURFACING TOP COURSE	1150 CY	45.00	51,750.00	50.17	57,695.50	57.50	66,125.00	52.00	59,800.00
135	CRUSHED SURFACING BASE COURSE	1500 CY	50.00	75,000.00	45.45	68,175.00	57.50	86,250.00	52.00	78,000.00
136	CSTC FOR SIDEWALK AND DRIVEWAYS	300 CY	80.00	24,000.00	113.38	34,014.00	154.00	46,200.00	120.00	36,000.00
137	BALLAST	150 CY	60.00	9,000.00	65.70	9,855.00	60.00	9,000.00	21.00	3,150.00
138	CEMENT TREATED BASE INSTALLATION	13054 SY	6.00	78,324.00	2.42	31,590.68	3.00	39,162.00	4.00	52,216.00

<i>Project Number:</i> 2015056		<i>Engineer's Estimate</i>			Halme Construction Inc		DW Excavating, Inc_		LaRiviere Inc	
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<i>Schedule Description</i>					<i>Tax Classification</i>					
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139	PORTLAND CEMENT TYPE 2	400 TO	160.00	64,000.00	209.00	83,600.00	190.00	76,000.00	200.00	80,000.00
140	HMA CL. 1/2 IN. PG 70-28, 5 INCH THICK	13054 SY	30.00	391,620.00	30.43	397,233.22	27.50	358,985.00	27.00	352,458.00
141	HMA CL. 3/8 IN. PG 64-28, 2 INCH THICK	604 SY	12.00	7,248.00	19.18	11,584.72	20.00	12,080.00	18.00	10,872.00
142	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 5 INCH THICK	20 SY	70.00	1,400.00	137.57	2,751.40	272.00	5,440.00	250.00	5,000.00
143	HMA FOR TRANSITION, CL. 1/2 IN. PG 64-28, 2 INCH THICK	100 SY	45.00	4,500.00	52.92	5,292.00	25.50	2,550.00	25.00	2,500.00
144	SOIL RESIDUAL HERBICIDE	685 SY	0.30	205.50	0.66	452.10	1.00	685.00	1.00	685.00
145	PAVEMENT REPAIR EXCAVATION INCL. HAUL	20 SY	50.00	1,000.00	21.51	430.20	41.00	820.00	15.00	300.00
146	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
147	COMPACTION PRICE ADJUSTMENT	1 EST	9,025.00	9,025.00	9,025.00	9,025.00	9,025.00	9,025.00	9,025.00	9,025.00
148	FURNISHING CONCRETE FOR COLORED CEMENT CONCRETE PAVEMENT	110 CY	400.00	44,000.00	297.63	32,739.30	272.00	29,920.00	330.00	36,300.00
149	CEMENT COLORED CONC. PAVEMENT, 8 IN. THICK	495 SY	120.00	59,400.00	72.04	35,659.80	60.00	29,700.00	97.00	48,015.00
150	CEMENT CONCRETE CURB WALL	20 LF	120.00	2,400.00	81.56	1,631.20	67.00	1,340.00	72.00	1,440.00
151	SCHEDULE A CULV. PIPE 8 IN. DIAM.	110 LF	40.00	4,400.00	30.74	3,381.40	36.00	3,960.00	30.00	3,300.00
152	SCHEDULE A CULV. PIPE 12 IN. DIAM.	320 LF	45.00	14,400.00	42.14	13,484.80	53.00	16,960.00	46.00	14,720.00
153	SCHEDULE A CULV. PIPE 18 IN. DIAM.	250 LF	55.00	13,750.00	60.00	15,000.00	64.00	16,000.00	60.00	15,000.00
154	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	1180 LF	50.00	59,000.00	42.14	49,725.20	34.00	40,120.00	43.00	50,740.00
155	MANHOLE TYPE I-48, BASIC PRICE	5 EA	4,200.00	21,000.00	4,037.66	20,188.30	3,160.00	15,800.00	3,100.00	15,500.00
156	DRYWELL TYPE 1	16 EA	3,500.00	56,000.00	4,035.48	64,567.68	4,322.00	69,152.00	3,500.00	56,000.00

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157	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	3 EA	800.00	2,400.00	660.96	1,982.88	865.00	2,595.00	700.00	2,100.00
158	VALVE BOX AND COVER	9 EA	500.00	4,500.00	174.13	1,567.17	450.00	4,050.00	700.00	6,300.00
159	RECONSTRUCT MANHOLE INVERT	1 EA	1,500.00	1,500.00	1,640.62	1,640.62	880.00	880.00	2,100.00	2,100.00
160	CLEANING EXISTING DRAINAGE STRUCTURE	3 EA	300.00	900.00	114.64	343.92	345.00	1,035.00	500.00	1,500.00
161	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	30 CY	18.00	540.00	17.36	520.80	42.00	1,260.00	30.00	900.00
162	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	30 CY	25.00	750.00	15.56	466.80	26.00	780.00	54.00	1,620.00
163	IMPORTED BACKFILL	350 CY	25.00	8,750.00	15.56	5,446.00	35.00	12,250.00	40.00	14,000.00
164	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	500.00	*****	8,800.00	*****	5,000.00
165	CATCH BASIN SEWER PIPE 8 IN. DIAM.	30 LF	30.00	900.00	41.92	1,257.60	50.00	1,500.00	43.00	1,290.00
166	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	250 LF	55.00	13,750.00	53.82	13,455.00	64.00	16,000.00	58.00	14,500.00
167	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	500.00	1,000.00	378.21	756.42	250.00	500.00	1,000.00	2,000.00
168	CONNECT 12 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	800.00	1,600.00	458.77	917.54	250.00	500.00	1,000.00	2,000.00
169	PLUGGING EXISTING PIPE	2 EA	300.00	600.00	273.44	546.88	200.00	400.00	1,000.00	2,000.00
170	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	6,562.50	*****	1,350.00	*****	900.00
171	CLEANING EXISTING SANITARY SEWER	1 EA	300.00	300.00	411.27	411.27	600.00	600.00	600.00	600.00
172	HYDRANT ASSEMBLY	1 EA	6,000.00	6,000.00	6,352.28	6,352.28	7,300.00	7,300.00	5,000.00	5,000.00
173	TRENCH EXCAVATION FOR WATER SERVICE TAP	100 CY	30.00	3,000.00	56.27	5,627.00	23.50	2,350.00	38.00	3,800.00
174	ESC LEAD	1 LS	*****	1,000.00	*****	500.00	*****	150.00	*****	1,200.00

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175	INLET PROTECTION	18 EA	90.00	1,620.00	75.71	1,362.78	98.00	1,764.00	100.00	1,800.00
176	STABILIZED CONSTRUCTION ENTRANCE	200 SY	20.00	4,000.00	28.59	5,718.00	21.00	4,200.00	15.00	3,000.00
177	STREET CLEANING	70 HR	125.00	8,750.00	239.91	16,793.70	233.00	16,310.00	250.00	17,500.00
178	WATTLE	40 LF	5.00	200.00	4.19	167.60	24.00	960.00	8.00	320.00
179	TOPSOIL TYPE A, 4 INCH THICK	3700 SY	10.00	37,000.00	6.35	23,495.00	5.78	21,386.00	7.00	25,900.00
180	PSIPE 2 INCH CALIPER SHADE TREE	97 EA	500.00	48,500.00	588.64	57,098.08	540.00	52,380.00	600.00	58,200.00
181	WEED SPRAYING AND CONTROL	3 EA	1,000.00	3,000.00	1,851.93	5,555.79	3,026.00	9,078.00	2,500.00	7,500.00
182	BARK OR WOOD CHIP MULCH	8 CY	75.00	600.00	112.44	899.52	103.00	824.00	125.00	1,000.00
183	AGGREGATE TOP DRESSING, 12 INCH THICK	48 CY	175.00	8,400.00	244.72	11,746.56	223.00	10,704.00	200.00	9,600.00
184	LANDSCAPE BOULDER	3 EA	600.00	1,800.00	264.56	793.68	241.00	723.00	360.00	1,080.00
185	COLUMNAR BASALT - IRREGULAR	86 LF	140.00	12,040.00	171.97	14,789.42	157.00	13,502.00	140.00	12,040.00
186	COLUMNAR BASALT - INCREMENTAL	85 LF	250.00	21,250.00	238.10	20,238.50	217.00	18,445.00	280.00	23,800.00
187	HYDROSEEDING	9000 SY	5.00	45,000.00	1.39	12,510.00	1.27	11,430.00	3.00	27,000.00
188	SOD INSTALLATION	400 SY	9.00	3,600.00	12.17	4,868.00	11.08	4,432.00	13.00	5,200.00
189	TOPSOIL FOR BIO-INFILTRATION SWALES, 12 INCH THICK INCL. SE	4400 SY	34.00	149,600.00	26.72	117,568.00	19.69	86,636.00	25.00	110,000.00
190	CONSTRUCT BIO-INFILTRATION SWALE	4400 SY	5.00	22,000.00	3.56	15,664.00	1.16	5,104.00	25.00	110,000.00
191	SWALE DRAIN PAD	100 SY	75.00	7,500.00	226.99	22,699.00	203.50	20,350.00	140.00	14,000.00
192	CURB DROP INLET	80 EA	150.00	12,000.00	99.21	7,936.80	91.00	7,280.00	89.00	7,120.00
193	IRRIGATION SYSTEM	1 LS	*****	68,000.00	*****	114,555.30	*****	105,000.00	*****	74,000.00

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194	4 IN. PVC IRRIGATION SLEEVE	1650 LF	9.00	14,850.00	12.17	20,080.50	15.00	24,750.00	12.00	19,800.00
195	4 IN. DUCTILE IRRIGATION SLEEVE	300 LF	30.00	9,000.00	39.69	11,907.00	41.41	12,423.00	37.00	11,100.00
196	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	*****	5,000.00	*****	15,080.03	*****	14,000.00	*****	17,000.00
197	CEMENT CONCRETE CURB	500 LF	27.00	13,500.00	25.77	12,885.00	21.80	10,900.00	28.00	14,000.00
198	CEMENT CONC. CURB AND GUTTER	6500 LF	16.00	104,000.00	16.51	107,315.00	13.31	86,515.00	15.00	97,500.00
199	ROUNDAABOUT CENTRAL ISLAND CEMENT CONC. CURB	200 LF	25.00	5,000.00	28.02	5,604.00	21.80	4,360.00	35.00	7,000.00
200	ROUNDAABOUT CEMENT CONCRETE CURB AND GUTTER	295 LF	25.00	7,375.00	51.21	15,106.95	43.00	12,685.00	20.00	5,900.00
201	ROUNDAABOUT SPLITTER ISLAND NOSING CURB	4 EA	300.00	1,200.00	330.70	1,322.80	300.00	1,200.00	195.00	780.00
202	CEMENT CONC. SPILLWAY	1 EA	1,500.00	1,500.00	685.21	685.21	600.00	600.00	335.00	335.00
203	CEMENT CONCRETE DRIVEWAY	950 SY	50.00	47,500.00	61.67	58,586.50	51.00	48,450.00	82.00	77,900.00
204	CEMENT CONCRETE DRIVEWAY TRANSITION	60 SY	50.00	3,000.00	58.69	3,521.40	49.00	2,940.00	39.00	2,340.00
205	CHANNELIZING DEVICES	4 EA	250.00	1,000.00	310.86	1,243.44	285.00	1,140.00	300.00	1,200.00
206	MODIFY FENCING, STA 8+50	1 LS	*****	1,000.00	*****	2,381.06	*****	2,180.00	*****	2,300.00
207	CHAIN LINK FENCE TYPE 4	106 LF	50.00	5,300.00	50.27	5,328.62	46.00	4,876.00	48.00	5,088.00
208	END GATE CORNER AND PULL POST FOR CHAIN LINK FENCE	4 EA	200.00	800.00	264.56	1,058.24	242.00	968.00	350.00	1,400.00
209	MONUMENT FRAME AND COVER	1 EA	500.00	500.00	332.82	332.82	472.00	472.00	600.00	600.00
210	CEMENT CONC. SIDEWALK	2900 SY	45.00	130,500.00	57.04	165,416.00	47.53	137,837.00	53.00	153,700.00
211	RAMP DETECTABLE WARNING	252 SF	22.00	5,544.00	29.10	7,333.20	27.00	6,804.00	22.00	5,544.00
212	QUARRY SPALLS	10 CY	120.00	1,200.00	95.20	952.00	115.00	1,150.00	71.00	710.00

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<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i> Street				Sales tax shall be included in unit prices						
213	MAILBOX SUPPORT TYPE 1	3 EA	100.00	300.00	641.56	1,924.68	587.00	1,761.00	600.00	1,800.00
214	ILLUMINATION SYSTEM	1 LS	*****	60,000.00	*****	0.00	*****	70,750.00	*****	74,000.00
215	SIGNING, PERMANENT	1 LS	*****	25,000.00	*****	30,226.19	*****	27,600.00	*****	27,000.00
216	PAVEMENT MARKING - DURABLE HEAT APPLIED	745 SF	10.00	7,450.00	11.31	8,425.95	11.00	8,195.00	10.00	7,450.00
217	PAVEMENT MARKING - DURABLE INLAY TAPE	3939 SF	10.00	39,390.00	7.91	31,157.49	8.00	31,512.00	7.00	27,573.00
218	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	4 EA	200.00	800.00	156.89	627.56	144.00	576.00	140.00	560.00
219	REINFORCED DOWELED CURB	871 LF	35.00	30,485.00	16.21	14,118.91	15.00	13,065.00	20.00	17,420.00
220	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	47 LF	30.00	1,410.00	72.75	3,419.25	67.00	3,149.00	44.00	2,068.00
221	TRAFFIC ISLAND COLORED CONCRETE	360 SY	80.00	28,800.00	205.03	73,810.80	188.00	67,680.00	82.00	29,520.00
222	REMOVABLE BALLARD	1 EA	1,500.00	1,500.00	1,858.55	1,858.55	1,700.00	1,700.00	1,600.00	1,600.00
223	CEMENT CONCRETE INTEGRAL CURB AND SIDEWALK 5.5 FT. WIDE	200 LF	75.00	15,000.00	53.45	10,690.00	46.00	9,200.00	60.00	12,000.00
Schedule Totals				3,007,939.10		2,625,629.70		2,655,388.00		2,731,768.00

Project Number: 2015056		Engineer's Estimate		Halme Construction Inc	DW Excavating, Inc_	LaRiviere Inc				
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 03		Water								
		Sales tax shall NOT be included in unit prices								
301	POTHOLING	20 EA	400.00	8,000.00	510.03	10,200.60	395.00	7,900.00	300.00	6,000.00
302	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	100 CY	18.00	1,800.00	17.36	1,736.00	40.00	4,000.00	30.00	3,000.00
303	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	100 CY	25.00	2,500.00	15.56	1,556.00	33.00	3,300.00	53.00	5,300.00
304	IMPORTED BACKFILL	1000 CY	25.00	25,000.00	15.56	15,560.00	35.00	35,000.00	30.00	30,000.00
305	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	500.00	*****	330.00	*****	3,400.00
306	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	6,562.50	*****	1,000.00	*****	900.00
307	DI PIPE FOR WATER MAIN 12 IN. DIAM.	160 LF	100.00	16,000.00	91.14	14,582.40	143.00	22,880.00	95.00	15,200.00
308	DI PIPE FOR WATER MAIN 18 IN. DIAM.	2535 LF	140.00	354,900.00	94.92	240,622.20	109.00	276,315.00	105.00	266,175.00
309	BLOWOFF ASSEMBLY	2 EA	12,000.00	24,000.00	7,152.11	14,304.22	8,990.00	17,980.00	6,500.00	13,000.00
310	VALVE BYPASS PIPING (4INCH)	3 EA	500.00	1,500.00	3,837.31	11,511.93	6,900.00	20,700.00	5,500.00	16,500.00
311	GATE VALVE 12 IN.	1 EA	2,650.00	2,650.00	2,899.28	2,899.28	3,862.00	3,862.00	3,100.00	3,100.00
312	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY	2 EA	2,500.00	5,000.00	3,379.33	6,758.66	7,445.00	14,890.00	3,000.00	6,000.00
Schedule Totals				448,850.00		326,793.79		408,157.00		368,575.00

Project Number: 2015056		Engineer's Estimate			MDM Construction					
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 01		Street								
		Sales tax shall be included in unit prices								
101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
102	SPCC PLAN	1 LS	*****	1,000.00	*****	858.00	*****	0.00	*****	0.00
103	POTHOLING	60 EA	400.00	24,000.00	120.00	7,200.00	0.00	0.00	0.00	0.00
104	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	5,000.00	*****	32,500.00	*****	0.00	*****	0.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	6 EA	500.00	3,000.00	716.00	4,296.00	0.00	0.00	0.00	0.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,500.00	*****	1,770.00	*****	0.00	*****	0.00
107	MOBILIZATION	1 LS	*****	295,578.60	*****	275,000.00	*****	0.00	*****	0.00
108	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	95,000.00	*****	150,000.00	*****	0.00	*****	0.00
109	SPECIAL SIGNS	500 SF	20.00	10,000.00	13.50	6,750.00	0.00	0.00	0.00	0.00
110	PORTABLE CHANGEABLE MESSAGE SIGN	1000 HR	7.00	7,000.00	6.80	6,800.00	0.00	0.00	0.00	0.00
111	TYPE III BARRICADE	50 EA	50.00	2,500.00	51.00	2,550.00	0.00	0.00	0.00	0.00
112	CLEARING AND GRUBBING	1 LS	*****	10,000.00	*****	38,000.00	*****	0.00	*****	0.00
113	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	2,000.00	*****	4,950.00	*****	0.00	*****	0.00
114	AIR OR HYDRO EVACUATION	6 EA	70.00	420.00	762.00	4,572.00	0.00	0.00	0.00	0.00
115	TREE PROTECTION ZONE	28 EA	350.00	9,800.00	237.00	6,636.00	0.00	0.00	0.00	0.00
116	REMOVE TREE, CLASS 1	37 EA	500.00	18,500.00	406.00	15,022.00	0.00	0.00	0.00	0.00
117	REMOVE TREE, CLASS 2	2 EA	1,200.00	2,400.00	1,085.00	2,170.00	0.00	0.00	0.00	0.00
118	TREE PRUNING	17 EA	400.00	6,800.00	237.00	4,029.00	0.00	0.00	0.00	0.00
119	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	7,500.00	*****	6,000.00	*****	0.00	*****	0.00

<i>Project Number:</i> 2015056		<i>Engineer's Estimate</i>			MDM Construction					
<i>Item No</i>	<i>Bid Item Description</i>	<i>Est. Qty</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>
<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Street					Sales tax shall be included in unit prices					
120	REMOVE EXISTING CURB AND GUTTER	1750 LF	10.00	17,500.00	1.60	2,800.00	0.00	0.00	0.00	0.00
121	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	600 SY	9.00	5,400.00	3.90	2,340.00	0.00	0.00	0.00	0.00
122	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	1 EA	500.00	500.00	243.00	243.00	0.00	0.00	0.00	0.00
123	REMOVE EXISTING < 12 IN. DIAMETER PIPE	32 LF	6.00	192.00	14.00	448.00	0.00	0.00	0.00	0.00
124	REMOVE EXISTING > 12 IN. TO < 30 IN. DIAMETER PIPE	250 LF	12.00	3,000.00	15.50	3,875.00	0.00	0.00	0.00	0.00
125	SAWCUTTING CURB	12 EA	50.00	600.00	34.00	408.00	0.00	0.00	0.00	0.00
126	SAWCUTTING RIGID PAVEMENT	250 LFI	2.00	500.00	1.60	400.00	0.00	0.00	0.00	0.00
127	SAWCUTTING FLEXIBLE PAVEMENT	2500 LFI	1.00	2,500.00	0.30	750.00	0.00	0.00	0.00	0.00
128	ROADWAY EXCAVATION INCL. HAUL	7236 CY	40.00	289,440.00	12.00	86,832.00	0.00	0.00	0.00	0.00
129	REMOVE UNSUITABLE FOUNDATION MATERIAL	1600 CY	20.00	32,000.00	18.00	28,800.00	0.00	0.00	0.00	0.00
130	REPLACE UNSUITABLE FOUNDATION MATERIAL	1600 CY	30.00	48,000.00	34.00	54,400.00	0.00	0.00	0.00	0.00
131	COMMON BORROW INCL. HAUL	200 CY	27.00	5,400.00	30.00	6,000.00	0.00	0.00	0.00	0.00
132	PREPARATION OF UNTREATED ROADWAY	13658 SY	2.00	27,316.00	5.90	80,582.20	0.00	0.00	0.00	0.00
133	CONSTRUCTION GEOSYNTHETIC FOR SOIL STABILIZATION	604 SY	4.00	2,416.00	0.90	543.60	0.00	0.00	0.00	0.00
134	CRUSHED SURFACING TOP COURSE	1150 CY	45.00	51,750.00	52.50	60,375.00	0.00	0.00	0.00	0.00
135	CRUSHED SURFACING BASE COURSE	1500 CY	50.00	75,000.00	46.00	69,000.00	0.00	0.00	0.00	0.00
136	CSTC FOR SIDEWALK AND DRIVEWAYS	300 CY	80.00	24,000.00	99.50	29,850.00	0.00	0.00	0.00	0.00
137	BALLAST	150 CY	60.00	9,000.00	35.00	5,250.00	0.00	0.00	0.00	0.00
138	CEMENT TREATED BASE INSTALLATION	13054 SY	6.00	78,324.00	3.70	48,299.80	0.00	0.00	0.00	0.00

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<i>Schedule Description</i>					<i>Tax Classification</i>					
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139	PORTLAND CEMENT TYPE 2	400 TO	160.00	64,000.00	178.00	71,200.00	0.00	0.00	0.00	0.00
140	HMA CL. 1/2 IN. PG 70-28, 5 INCH THICK	13054 SY	30.00	391,620.00	26.00	339,404.00	0.00	0.00	0.00	0.00
141	HMA CL. 3/8 IN. PG 64-28, 2 INCH THICK	604 SY	12.00	7,248.00	16.50	9,966.00	0.00	0.00	0.00	0.00
142	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 5 INCH THICK	20 SY	70.00	1,400.00	982.00	19,640.00	0.00	0.00	0.00	0.00
143	HMA FOR TRANSITION, CL. 1/2 IN. PG 64-28, 2 INCH THICK	100 SY	45.00	4,500.00	45.00	4,500.00	0.00	0.00	0.00	0.00
144	SOIL RESIDUAL HERBICIDE	685 SY	0.30	205.50	0.65	445.25	0.00	0.00	0.00	0.00
145	PAVEMENT REPAIR EXCAVATION INCL. HAUL	20 SY	50.00	1,000.00	25.00	500.00	0.00	0.00	0.00	0.00
146	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	0.00	0.00	0.00	0.00
147	COMPACTION PRICE ADJUSTMENT	1 EST	9,025.00	9,025.00	9,025.00	9,025.00	0.00	0.00	0.00	0.00
148	FURNISHING CONCRETE FOR COLORED CEMENT CONCRETE PAVEMENT	110 CY	400.00	44,000.00	254.00	27,940.00	0.00	0.00	0.00	0.00
149	CEMENT COLORED CONC. PAVEMENT, 8 IN. THICK	495 SY	120.00	59,400.00	62.00	30,690.00	0.00	0.00	0.00	0.00
150	CEMENT CONCRETE CURB WALL	20 LF	120.00	2,400.00	65.50	1,310.00	0.00	0.00	0.00	0.00
151	SCHEDULE A CULV. PIPE 8 IN. DIAM.	110 LF	40.00	4,400.00	27.00	2,970.00	0.00	0.00	0.00	0.00
152	SCHEDULE A CULV. PIPE 12 IN. DIAM.	320 LF	45.00	14,400.00	40.50	12,960.00	0.00	0.00	0.00	0.00
153	SCHEDULE A CULV. PIPE 18 IN. DIAM.	250 LF	55.00	13,750.00	46.50	11,625.00	0.00	0.00	0.00	0.00
154	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	1180 LF	50.00	59,000.00	38.50	45,430.00	0.00	0.00	0.00	0.00
155	MANHOLE TYPE I-48, BASIC PRICE	5 EA	4,200.00	21,000.00	2,740.00	13,700.00	0.00	0.00	0.00	0.00
156	DRYWELL TYPE 1	16 EA	3,500.00	56,000.00	3,615.00	57,840.00	0.00	0.00	0.00	0.00

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157	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	3 EA	800.00	2,400.00	1,580.00	4,740.00	0.00	0.00	0.00	0.00
158	VALVE BOX AND COVER	9 EA	500.00	4,500.00	292.00	2,628.00	0.00	0.00	0.00	0.00
159	RECONSTRUCT MANHOLE INVERT	1 EA	1,500.00	1,500.00	2,515.00	2,515.00	0.00	0.00	0.00	0.00
160	CLEANING EXISTING DRAINAGE STRUCTURE	3 EA	300.00	900.00	218.00	654.00	0.00	0.00	0.00	0.00
161	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	30 CY	18.00	540.00	22.00	660.00	0.00	0.00	0.00	0.00
162	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	30 CY	25.00	750.00	30.00	900.00	0.00	0.00	0.00	0.00
163	IMPORTED BACKFILL	350 CY	25.00	8,750.00	25.00	8,750.00	0.00	0.00	0.00	0.00
164	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	263.00	*****	0.00	*****	0.00
165	CATCH BASIN SEWER PIPE 8 IN. DIAM.	30 LF	30.00	900.00	53.50	1,605.00	0.00	0.00	0.00	0.00
166	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	250 LF	55.00	13,750.00	52.50	13,125.00	0.00	0.00	0.00	0.00
167	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	500.00	1,000.00	70.00	140.00	0.00	0.00	0.00	0.00
168	CONNECT 12 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	800.00	1,600.00	100.00	200.00	0.00	0.00	0.00	0.00
169	PLUGGING EXISTING PIPE	2 EA	300.00	600.00	301.00	602.00	0.00	0.00	0.00	0.00
170	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	793.00	*****	0.00	*****	0.00
171	CLEANING EXISTING SANITARY SEWER	1 EA	300.00	300.00	2,030.00	2,030.00	0.00	0.00	0.00	0.00
172	HYDRANT ASSEMBLY	1 EA	6,000.00	6,000.00	6,555.00	6,555.00	0.00	0.00	0.00	0.00
173	TRENCH EXCAVATION FOR WATER SERVICE TAP	100 CY	30.00	3,000.00	54.00	5,400.00	0.00	0.00	0.00	0.00
174	ESC LEAD	1 LS	*****	1,000.00	*****	3,090.00	*****	0.00	*****	0.00

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175	INLET PROTECTION	18 EA	90.00	1,620.00	64.50	1,161.00	0.00	0.00	0.00	0.00
176	STABILIZED CONSTRUCTION ENTRANCE	200 SY	20.00	4,000.00	19.50	3,900.00	0.00	0.00	0.00	0.00
177	STREET CLEANING	70 HR	125.00	8,750.00	201.00	14,070.00	0.00	0.00	0.00	0.00
178	WATTLE	40 LF	5.00	200.00	4.00	160.00	0.00	0.00	0.00	0.00
179	TOPSOIL TYPE A, 4 INCH THICK	3700 SY	10.00	37,000.00	4.50	16,650.00	0.00	0.00	0.00	0.00
180	PSIPE 2 INCH CALIPER SHADE TREE	97 EA	500.00	48,500.00	564.00	54,708.00	0.00	0.00	0.00	0.00
181	WEED SPRAYING AND CONTROL	3 EA	1,000.00	3,000.00	2,820.00	8,460.00	0.00	0.00	0.00	0.00
182	BARK OR WOOD CHIP MULCH	8 CY	75.00	600.00	56.50	452.00	0.00	0.00	0.00	0.00
183	AGGREGATE TOP DRESSING, 12 INCH THICK	48 CY	175.00	8,400.00	282.00	13,536.00	0.00	0.00	0.00	0.00
184	LANDSCAPE BOULDER	3 EA	600.00	1,800.00	1,015.00	3,045.00	0.00	0.00	0.00	0.00
185	COLUMNAR BASALT - IRREGULAR	86 LF	140.00	12,040.00	508.00	43,688.00	0.00	0.00	0.00	0.00
186	COLUMNAR BASALT - INCREMENTAL	85 LF	250.00	21,250.00	508.00	43,180.00	0.00	0.00	0.00	0.00
187	HYDROSEEDING	9000 SY	5.00	45,000.00	1.10	9,900.00	0.00	0.00	0.00	0.00
188	SOD INSTALLATION	400 SY	9.00	3,600.00	17.00	6,800.00	0.00	0.00	0.00	0.00
189	TOPSOIL FOR BIO-INFILTRATION SWALES, 12 INCH THICK INCL. SE	4400 SY	34.00	149,600.00	16.15	71,060.00	0.00	0.00	0.00	0.00
190	CONSTRUCT BIO-INFILTRATION SWALE	4400 SY	5.00	22,000.00	3.20	14,080.00	0.00	0.00	0.00	0.00
191	SWALE DRAIN PAD	100 SY	75.00	7,500.00	216.00	21,600.00	0.00	0.00	0.00	0.00
192	CURB DROP INLET	80 EA	150.00	12,000.00	111.00	8,880.00	0.00	0.00	0.00	0.00
193	IRRIGATION SYSTEM	1 LS	*****	68,000.00	*****	93,800.00	*****	0.00	*****	0.00

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194	4 IN. PVC IRRIGATION SLEEVE	1650 LF	9.00	14,850.00	12.00	19,800.00	0.00	0.00	0.00	0.00
195	4 IN. DUCTILE IRRIGATION SLEEVE	300 LF	30.00	9,000.00	29.00	8,700.00	0.00	0.00	0.00	0.00
196	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	*****	5,000.00	*****	16,920.00	*****	0.00	*****	0.00
197	CEMENT CONCRETE CURB	500 LF	27.00	13,500.00	23.50	11,750.00	0.00	0.00	0.00	0.00
198	CEMENT CONC. CURB AND GUTTER	6500 LF	16.00	104,000.00	16.00	104,000.00	0.00	0.00	0.00	0.00
199	ROUNABOUT CENTRAL ISLAND CEMENT CONC. CURB	200 LF	25.00	5,000.00	23.50	4,700.00	0.00	0.00	0.00	0.00
200	ROUNABOUT CEMENT CONCRETE CURB AND GUTTER	295 LF	25.00	7,375.00	43.00	12,685.00	0.00	0.00	0.00	0.00
201	ROUNABOUT SPLITTER ISLAND NOSING CURB	4 EA	300.00	1,200.00	282.00	1,128.00	0.00	0.00	0.00	0.00
202	CEMENT CONC. SPILLWAY	1 EA	1,500.00	1,500.00	608.00	608.00	0.00	0.00	0.00	0.00
203	CEMENT CONCRETE DRIVEWAY	950 SY	50.00	47,500.00	72.50	68,875.00	0.00	0.00	0.00	0.00
204	CEMENT CONCRETE DRIVEWAY TRANSITION	60 SY	50.00	3,000.00	70.00	4,200.00	0.00	0.00	0.00	0.00
205	CHANNELIZING DEVICES	4 EA	250.00	1,000.00	265.00	1,060.00	0.00	0.00	0.00	0.00
206	MODIFY FENCING, STA 8+50	1 LS	*****	1,000.00	*****	3,160.00	*****	0.00	*****	0.00
207	CHAIN LINK FENCE TYPE 4	106 LF	50.00	5,300.00	31.50	3,339.00	0.00	0.00	0.00	0.00
208	END GATE CORNER AND PULL POST FOR CHAIN LINK FENCE	4 EA	200.00	800.00	395.00	1,580.00	0.00	0.00	0.00	0.00
209	MONUMENT FRAME AND COVER	1 EA	500.00	500.00	1,405.00	1,405.00	0.00	0.00	0.00	0.00
210	CEMENT CONC. SIDEWALK	2900 SY	45.00	130,500.00	49.50	143,550.00	0.00	0.00	0.00	0.00
211	RAMP DETECTABLE WARNING	252 SF	22.00	5,544.00	25.00	6,300.00	0.00	0.00	0.00	0.00
212	QUARRY SPALLS	10 CY	120.00	1,200.00	225.00	2,250.00	0.00	0.00	0.00	0.00

Project Number: 2015056		Engineer's Estimate		MDM Construction						
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i> Street				Sales tax shall be included in unit prices						
213	MAILBOX SUPPORT TYPE 1	3 EA	100.00	300.00	547.00	1,641.00	0.00	0.00	0.00	0.00
214	ILLUMINATION SYSTEM	1 LS	*****	60,000.00	*****	67,980.00	*****	0.00	*****	0.00
215	SIGNING, PERMANENT	1 LS	*****	25,000.00	*****	25,780.00	*****	0.00	*****	0.00
216	PAVEMENT MARKING - DURABLE HEAT APPLIED	745 SF	10.00	7,450.00	9.60	7,152.00	0.00	0.00	0.00	0.00
217	PAVEMENT MARKING - DURABLE INLAY TAPE	3939 SF	10.00	39,390.00	6.80	26,785.20	0.00	0.00	0.00	0.00
218	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	4 EA	200.00	800.00	134.00	536.00	0.00	0.00	0.00	0.00
219	REINFORCED DOWELED CURB	871 LF	35.00	30,485.00	17.00	14,807.00	0.00	0.00	0.00	0.00
220	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	47 LF	30.00	1,410.00	65.50	3,078.50	0.00	0.00	0.00	0.00
221	TRAFFIC ISLAND COLORED CONCRETE	360 SY	80.00	28,800.00	188.00	67,680.00	0.00	0.00	0.00	0.00
222	REMOVABLE BALLARD	1 EA	1,500.00	1,500.00	1,585.00	1,585.00	0.00	0.00	0.00	0.00
223	CEMENT CONCRETE INTEGRAL CURB AND SIDEWALK 5.5 FT. WIDE	200 LF	75.00	15,000.00	56.00	11,200.00	0.00	0.00	0.00	0.00
Schedule Totals				3,007,939.10		2,837,459.55		0.00		0.00

Project Number: 2015056		Engineer's Estimate		MDM Construction						
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 03		Water								
		Sales tax shall NOT be included in unit prices								
301	POTHOLING	20 EA	400.00	8,000.00	120.00	2,400.00	0.00	0.00	0.00	0.00
302	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	100 CY	18.00	1,800.00	15.00	1,500.00	0.00	0.00	0.00	0.00
303	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	100 CY	25.00	2,500.00	22.00	2,200.00	0.00	0.00	0.00	0.00
304	IMPORTED BACKFILL	1000 CY	25.00	25,000.00	34.50	34,500.00	0.00	0.00	0.00	0.00
305	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	394.00	*****	0.00	*****	0.00
306	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	1,795.00	*****	0.00	*****	0.00
307	DI PIPE FOR WATER MAIN 12 IN. DIAM.	160 LF	100.00	16,000.00	89.50	14,320.00	0.00	0.00	0.00	0.00
308	DI PIPE FOR WATER MAIN 18 IN. DIAM.	2535 LF	140.00	354,900.00	91.00	230,685.00	0.00	0.00	0.00	0.00
309	BLOWOFF ASSEMBLY	2 EA	12,000.00	24,000.00	4,300.00	8,600.00	0.00	0.00	0.00	0.00
310	VALVE BYPASS PIPING (4INCH)	3 EA	500.00	1,500.00	1,720.00	5,160.00	0.00	0.00	0.00	0.00
311	GATE VALVE 12 IN.	1 EA	2,650.00	2,650.00	2,520.00	2,520.00	0.00	0.00	0.00	0.00
312	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY	2 EA	2,500.00	5,000.00	3,080.00	6,160.00	0.00	0.00	0.00	0.00
Schedule Totals				448,850.00		310,234.00		0.00		0.00

Project Number **2015056**

Five Mile Rd - Lincoln Rd to Strong Rd

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	3,007,939.10	0.00	448,850.00	0.00	0.00	0.00	0.00	0.00	3,456,789.10
National Native Americ	2,423,445.12	0.00	277,830.97	0.00	0.00	0.00	0.00	0.00	2,701,276.09
Murphy Brothers Inc	2,544,352.77	0.00	323,635.00	0.00	0.00	0.00	0.00	0.00	2,867,987.77
L & L Cargile Inc	2,586,666.45	0.00	336,023.00	0.00	0.00	0.00	0.00	0.00	2,922,689.45
Halme Construction Inc	2,625,629.70	0.00	326,793.79	0.00	0.00	0.00	0.00	0.00	2,952,423.49
DW Excavating, Inc.	2,655,388.00	0.00	408,157.00	0.00	0.00	0.00	0.00	0.00	3,063,545.00
LaRiviere Inc	2,731,768.00	0.00	368,575.00	0.00	0.00	0.00	0.00	0.00	3,100,343.00
MDM Construction	2,837,459.55	0.00	310,234.00	0.00	0.00	0.00	0.00	0.00	3,147,693.55

Low Bid Contractor: National Native American Construction, Inc.

	Contractor's Bid	Engineer's Estimate	% Variance	
Schedule 01	\$2,423,445.12	\$3,007,939.10	19.43	% Under Estimate
Schedule 03	\$302,280.10	\$488,348.80	38.10	% Under Estimate
Bid Totals	<u>\$2,725,725.22</u>	<u>\$3,496,287.90</u>	22.04	% Under Estimate