

**City Of Spokane**  
**Engineering Services Department**

**\*\*\* Bid Tabulation \*\*\***

**Project Number:** 2016199

**Project Description:** 3rd & 2nd Avenue Storm Sewer

**Original Date:** 1/24/2019 6:03:17 PM

**Funding Source:** State

**Update Date:** 2/26/2019 10:16:51 AM

**Preparer:** Duane Studer

**Addendum:**

<b>Project Number: 2016199</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		DW Excavating, Inc_		L & L Cargile Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<b>Schedule Description</b>				<b>Tax Classification</b>						
<b>Schedule 01</b> Street Improvements				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	*****	2,500.00	*****	500.00	*****	140.00	*****	1,500.00
103	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1 EST	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
104	POTHOLING	25 EA	700.00	17,500.00	474.37	11,859.25	400.00	10,000.00	250.00	6,250.00
105	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	12,000.00	*****	500.00	*****	2,800.00	*****	12,000.00
106	REFERENCE AND REESTABLISH SURVEY MONUMENT	6 EA	750.00	4,500.00	446.04	2,676.24	880.00	5,280.00	375.00	2,250.00
107	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	4,200.00	*****	2,973.62	*****	2,000.00	*****	4,000.00
108	MOBILIZATION	1 LS	*****	170,000.00	*****	180,000.00	*****	100,000.00	*****	299,000.00
109	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	50,000.00	*****	19,994.77	*****	50,000.00	*****	70,000.00
110	SPECIAL SIGNS	155 SF	20.00	3,100.00	11.90	1,844.50	15.00	2,325.00	18.00	2,790.00
111	SEQUENTIAL ARROW SIGN	4200 HR	5.00	21,000.00	2.38	9,996.00	3.00	12,600.00	2.00	8,400.00
112	PORTABLE CHANGEABLE MESSAGE SIGN .	400 HR	8.00	3,200.00	3.57	1,428.00	5.00	2,000.00	3.00	1,200.00
113	TYPE III BARRICADE	12 EA	55.00	660.00	29.74	356.88	56.00	672.00	20.00	240.00
114	CLEARING AND GRUBBING	1 LS	*****	6,000.00	*****	1,489.43	*****	1,500.00	*****	4,500.00

<b>Project Number: 2016199</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		DW Excavating, Inc_		L & L Cargile Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i> Street Improvements				Sales tax shall be included in unit prices						
115	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	2,500.00	*****	1,757.81	*****	1,200.00	*****	250.00
116	TREE PROTECTION ZONE	2 EA	350.00	700.00	604.97	1,209.94	370.00	740.00	250.00	500.00
117	TREE PRUNING	7 EA	375.00	2,625.00	309.26	2,164.82	210.00	1,470.00	260.00	1,820.00
118	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	4,500.00	*****	500.00	*****	1,000.00	*****	6,000.00
119	REMOVE EXISTING CURB	120 LF	9.00	1,080.00	3.56	427.20	3.00	360.00	16.00	1,920.00
120	REMOVE EXISTING CURB AND GUTTER	80 LF	11.00	880.00	3.56	284.80	3.00	240.00	16.00	1,280.00
121	REMOVE CONCRETE SIDEWALK AND DRIVEWAY	75 SY	13.00	975.00	6.26	469.50	16.00	1,200.00	7.00	525.00
122	REMOVE EXISTING < 12 IN. DIAM. PIPE	60 LF	10.00	600.00	7.14	428.40	10.00	600.00	6.00	360.00
123	REMOVE EXISTING 12 IN. TO <30 IN. DIAM. PIPE	30 LF	16.00	480.00	12.18	365.40	23.00	690.00	20.00	600.00
124	SAWCUTTING CURB	30 EA	29.00	870.00	23.79	713.70	50.00	1,500.00	20.00	600.00
125	SAWCUTTING RIGID PAVEMENT	450 LFI	1.50	675.00	0.85	382.50	1.00	450.00	1.00	450.00
126	SAWCUTTING FLEXIBLE PAVEMENT	12900 LFI	0.80	10,320.00	0.30	3,870.00	0.32	4,128.00	2.00	25,800.00
127	ROADWAY EXCAVATION INCL. HAUL	2568 CY	30.00	77,040.00	18.73	48,098.64	24.00	61,632.00	23.50	60,348.00
128	COMMON BORROW INCL. HAUL	1430 CY	30.00	42,900.00	32.23	46,088.90	42.00	60,060.00	12.00	17,160.00
129	PREPARATION OF UNTREATED ROADWAY	5776 SY	3.00	17,328.00	1.43	8,259.68	2.00	11,552.00	2.00	11,552.00
130	CONTROLLED DENSITY FILL	170 CY	175.00	29,750.00	130.92	22,256.40	160.00	27,200.00	100.00	17,000.00
131	PRE-& POST-CONSTRUCTION CONDITION SURVEY & MONITORING	1 LS	*****	67,000.00	*****	35,934.57	*****	43,000.00	*****	40,000.00
132	CRUSHED SURFACING TOP COURSE	642 CY	48.00	30,816.00	41.23	26,469.66	57.00	36,594.00	40.50	26,001.00
133	CRUSHED SURFACING BASE COURSE	803 CY	45.00	36,135.00	35.69	28,659.07	57.00	45,771.00	38.50	30,915.50

<b>Project Number: 2016199</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		DW Excavating, Inc_		L & L Cargile Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Street Improvements					Sales tax shall be included in unit prices					
134	CSTC FOR SIDEWALK AND DRIVEWAYS	20 CY	100.00	2,000.00	54.74	1,094.80	156.00	3,120.00	25.00	500.00
135	HMA CL. 1/2 IN. PG 70-28, 7 INCH THICK	5776 SY	49.00	283,024.00	41.87	241,841.12	37.00	213,712.00	42.50	245,480.00
136	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 4 INCH THICK	60 SY	42.00	2,520.00	120.73	7,243.80	94.00	5,640.00	110.00	6,600.00
137	HMA FOR TRANSITION, CL. 1/2 IN. PG 70-28, 2 INCH THICK	42 SY	48.00	2,016.00	71.37	2,997.54	63.00	2,646.00	73.00	3,066.00
138	TEMPORARY PATCHING	540 SY	45.00	24,300.00	33.50	18,090.00	74.00	39,960.00	32.50	17,550.00
139	PAVEMENT REPAIR EXCAVATION INCL. HAUL	60 SY	33.00	1,980.00	19.32	1,159.20	52.00	3,120.00	32.80	1,968.00
140	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
141	COMPACTION PRICE ADJUSTMENT	1 CAL	5,660.00	5,660.00	5,660.00	5,660.00	5,660.00	5,660.00	5,660.00	5,660.00
142	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	570 LF	90.00	51,300.00	100.00	57,000.00	44.00	25,080.00	275.00	156,750.00
143	STORM SEWER PIPE 15 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	1060 LF	100.00	106,000.00	375.00	397,500.00	55.00	58,300.00	240.00	254,400.00
144	STORM SEWER PIPE 18 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	210 LF	110.00	23,100.00	100.00	21,000.00	66.00	13,860.00	140.00	29,400.00
145	MANHOLE TYPE I-48, BASIC PRICE	10 EA	4,000.00	40,000.00	7,500.00	75,000.00	4,100.00	41,000.00	14,500.00	145,000.00
146	MANHOLE TYPE I-48, DOGHOUSE	1 EA	6,900.00	6,900.00	5,528.07	5,528.07	9,500.00	9,500.00	15,500.00	15,500.00
147	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM.	6 VF	180.00	1,080.00	54.71	328.26	123.00	738.00	10.00	60.00
148	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	5 EA	450.00	2,250.00	164.04	820.20	528.00	2,640.00	300.00	1,500.00
149	ADJUST EXISTING MH, CB, DW, OR INLET IN ASPHALT	20 EA	600.00	12,000.00	523.81	10,476.20	680.00	13,600.00	400.00	8,000.00
150	CATCH BASIN TYPE 1	3 EA	2,500.00	7,500.00	3,126.11	9,378.33	3,000.00	9,000.00	1,500.00	4,500.00

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151	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	4 EA	800.00	3,200.00	603.41	2,413.64	1,100.00	4,400.00	400.00	1,600.00
152	VALVE BOX AND COVER	2 EA	450.00	900.00	161.08	322.16	741.00	1,482.00	350.00	700.00
153	CONNECT 6 IN. TO 12 IN. DIAM. PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	11 EA	900.00	9,900.00	306.07	3,366.77	184.00	2,024.00	300.00	3,300.00
154	CONNECT 15 IN. TO 27 IN. DIAM. PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	2,700.00	5,400.00	559.18	1,118.36	277.00	554.00	2,500.00	5,000.00
155	CONNECT 6 TO 12 IN. DIAMETER PIPE TO EXISTING SEWER PIPE	4 EA	750.00	3,000.00	1,093.80	4,375.20	551.00	2,204.00	1,200.00	4,800.00
156	CONNECT 15 TO 27 IN. DIAMETER PIPE TO EXISTING SEWER PIPE	2 EA	1,500.00	3,000.00	1,196.30	2,392.60	700.00	1,400.00	1.00	2.00
157	RECONSTRUCT MANHOLE INVERT	4 EA	2,250.00	9,000.00	1,525.91	6,103.64	890.00	3,560.00	750.00	3,000.00
158	MANHOLE TEST	2 EA	600.00	1,200.00	680.30	1,360.60	519.00	1,038.00	500.00	1,000.00
159	CLEANING EXISTING DRAINAGE STRUCTURE	20 EA	450.00	9,000.00	104.64	2,092.80	335.00	6,700.00	100.00	2,000.00
160	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	5767 CY	90.00	519,030.00	1.00	5,767.00	101.00	582,467.00	0.10	576.70
161	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	80 CY	30.00	2,400.00	16.18	1,294.40	27.00	2,160.00	10.00	800.00
162	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	80 CY	20.00	1,600.00	13.24	1,059.20	23.00	1,840.00	15.00	1,200.00
163	TRENCH SAFETY SYSTEM	1 LS	*****	9,000.00	*****	500.00	*****	9,300.00	*****	15,000.00
164	RECONNECT SIDE SEWER	14 EA	1,100.00	15,400.00	418.32	5,856.48	500.00	7,000.00	200.00	2,800.00
165	SIDE SEWER CLEANING & VIDEO INSPECTION	14 EA	750.00	10,500.00	867.39	12,143.46	350.00	4,900.00	650.00	9,100.00
166	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	144 LF	70.00	10,080.00	41.29	5,945.76	72.00	10,368.00	145.00	20,880.00
167	OUTLET TRAP	4 EA	250.00	1,000.00	373.27	1,493.08	224.00	896.00	320.00	1,280.00

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168	PLUGGING EXISTING PIPE	12 EA	700.00	8,400.00	254.31	3,051.72	203.00	2,436.00	250.00	3,000.00
169	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	22,000.00	*****	110,000.00	*****	1,300.00	*****	20,000.00
170	BYPASS SEWER FLOWS	1 LS	*****	9,500.00	*****	50,000.00	*****	5,600.00	*****	4,000.00
171	ENCASE WATER/SEWER AT CROSSINGS	1 EA	1,300.00	1,300.00	2,148.17	2,148.17	3,500.00	3,500.00	4,200.00	4,200.00
172	CLEANING EXISTING SANITARY SEWER	4 EA	550.00	2,200.00	371.74	1,486.96	927.00	3,708.00	450.00	1,800.00
173	DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.	120 LF	175.00	21,000.00	152.71	18,325.20	156.40	18,768.00	175.00	21,000.00
174	GATE VALVE 12 IN.	2 EA	3,750.00	7,500.00	2,717.52	5,435.04	5,000.00	10,000.00	3,200.00	6,400.00
175	SANITARY SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	230 LF	55.00	12,650.00	79.00	18,170.00	42.00	9,660.00	75.00	17,250.00
176	SIDE SEWER PIPE 4 IN. TO 6 IN. DIAM.	420 LF	55.00	23,100.00	42.13	17,694.60	42.00	17,640.00	0.01	4.20
177	SIDE SEWER PERMIT	14 EA	40.00	560.00	40.00	560.00	40.00	560.00	40.00	560.00
178	SEWER CLEANOUT	1 EA	650.00	650.00	739.44	739.44	900.00	900.00	7,500.00	7,500.00
179	ESC LEAD	1 LS	*****	4,500.00	*****	500.00	*****	70.00	*****	1,500.00
180	INLET PROTECTION	15 EA	125.00	1,875.00	70.91	1,063.65	99.00	1,485.00	85.00	1,275.00
181	STREET CLEANING	240 HR	200.00	48,000.00	215.85	51,804.00	233.00	55,920.00	140.00	33,600.00
182	WATTLE	150 LF	10.00	1,500.00	3.90	585.00	7.00	1,050.00	3.00	450.00
183	TOPSOIL TYPE A, 2 INCH THICK	298 SY	12.00	3,576.00	5.01	1,492.98	9.00	2,682.00	5.00	1,490.00
184	LANDSCAPING REPAIR AREA	120 SY	25.00	3,000.00	21.65	2,598.00	15.00	1,800.00	6.00	720.00
185	WEED AND PEST CONTROL	1 FA	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
186	HYDROSEEDING	320 SY	18.00	5,760.00	5.05	1,616.00	4.00	1,280.00	6.00	1,920.00

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187	SWALE DRAIN PAD	12 SY	180.00	2,160.00	135.26	1,623.12	260.00	3,120.00	133.00	1,596.00
188	REMOVE & REPLACE EXISTING SPRINKLER HEADS & LINES	270 SY	15.00	4,050.00	21.53	5,813.10	11.00	2,970.00	11.00	2,970.00
189	CEMENT CONCRETE CURB	125 LF	38.00	4,750.00	33.94	4,242.50	100.00	12,500.00	30.00	3,750.00
190	CEMENT CONCRETE CURB AND GUTTER	80 LF	42.00	3,360.00	48.21	3,856.80	123.00	9,840.00	45.00	3,600.00
191	CEMENT CONCRETE DRIVEWAY	37 SY	90.00	3,330.00	100.29	3,710.73	136.00	5,032.00	100.00	3,700.00
192	ADJUST MONUMENT FRAME AND COVER	2 EA	2,500.00	5,000.00	82.03	164.06	700.00	1,400.00	315.00	630.00
193	CEMENT CONC. SIDEWALK	65 SY	70.00	4,550.00	71.79	4,666.35	200.00	13,000.00	60.00	3,900.00
194	RAMP DETECTABLE WARNING	72 SF	35.00	2,520.00	26.17	1,884.24	45.00	3,240.00	22.00	1,584.00
195	TRAFFIC SIGNAL SYSTEM RETROFIT, 3RD AVE & ARTHUR ST	1 LS	*****	65,000.00	*****	63,813.95	*****	55,900.00	*****	58,444.00
196	TEMPORARY INTERSECTION LIGHTING SYSTEM	1 LS	*****	25,000.00	*****	4,757.79	*****	6,200.00	*****	13,789.00
197	REMOVAL OF EXISTING PAVEMENT MARKINGS	53 SF	15.00	795.00	22.37	1,185.61	25.00	1,325.00	25.00	1,325.00
198	PAVEMENT MARKING - DURABLE HEAT APPLIED	750 SF	16.00	12,000.00	9.70	7,275.00	11.00	8,250.00	9.86	7,395.00
199	PAVEMENT MARKING-DURABLE INLAY TAPE	73 SF	10.00	730.00	16.06	1,172.38	18.00	1,314.00	16.00	1,168.00
200	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	4 EA	200.00	800.00	129.05	516.20	150.00	600.00	140.00	560.00
<b>Schedule Totals</b>				2,126,190.00		1,774,634.94		1,849,623.00		1,863,264.40

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**Schedule Description**

**Tax Classification**

**Schedule 01**

Street Improvements

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	*****	2,500.00	*****	2,000.00	*****	2,000.00	*****	1,000.00
103	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1 EST	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
104	POTHOLING	25 EA	700.00	17,500.00	500.00	12,500.00	400.00	10,000.00	300.00	7,500.00
105	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	12,000.00	*****	18,000.00	*****	25,000.00	*****	20,000.00
106	REFERENCE AND REESTABLISH SURVEY MONUMENT	6 EA	750.00	4,500.00	700.00	4,200.00	600.00	3,600.00	800.00	4,800.00
107	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	4,200.00	*****	1,900.00	*****	4,500.00	*****	2,000.00
108	MOBILIZATION	1 LS	*****	170,000.00	*****	70,000.00	*****	420,000.00	*****	300,000.00
109	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	50,000.00	*****	68,000.00	*****	48,000.00	*****	238,559.90
110	SPECIAL SIGNS	155 SF	20.00	3,100.00	23.00	3,565.00	23.00	3,565.00	30.00	4,650.00
111	SEQUENTIAL ARROW SIGN	4200 HR	5.00	21,000.00	2.00	8,400.00	2.00	8,400.00	3.00	12,600.00
112	PORTABLE CHANGEABLE MESSAGE SIGN .	400 HR	8.00	3,200.00	4.00	1,600.00	5.00	2,000.00	6.00	2,400.00
113	TYPE III BARRICADE	12 EA	55.00	660.00	23.00	276.00	100.00	1,200.00	60.00	720.00
114	CLEARING AND GRUBBING	1 LS	*****	6,000.00	*****	16,000.00	*****	8,000.00	*****	5,500.00
115	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	2,500.00	*****	1,900.00	*****	1,300.00	*****	1,115.00
116	TREE PROTECTION ZONE	2 EA	350.00	700.00	300.00	600.00	270.00	540.00	230.00	460.00
117	TREE PRUNING	7 EA	375.00	2,625.00	300.00	2,100.00	280.00	1,960.00	230.00	1,610.00
118	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	4,500.00	*****	23,000.00	*****	68,000.00	*****	5,500.00
119	REMOVE EXISTING CURB	120 LF	9.00	1,080.00	7.00	840.00	10.00	1,200.00	10.00	1,200.00

<i>Project Number:</i> 2016199		<i>Engineer's Estimate</i>			LaRiviere Inc		Red Diamond Construction Inc		Murphy Brothers Inc	
<i>Item No</i>	<i>Bid Item Description</i>	<i>Estimated Quantity</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 Improvements				Sales tax shall be included in unit prices						
120	REMOVE EXISTING CURB AND GUTTER	80 LF	11.00	880.00	7.00	560.00	13.00	1,040.00	14.00	1,120.00
121	REMOVE CONCRETE SIDEWALK AND DRIVEWAY	75 SY	13.00	975.00	11.00	825.00	13.00	975.00	14.00	1,050.00
122	REMOVE EXISTING < 12 IN. DIAM. PIPE	60 LF	10.00	600.00	7.00	420.00	15.00	900.00	16.00	960.00
123	REMOVE EXISTING 12 IN. TO <30 IN. DIAM. PIPE	30 LF	16.00	480.00	10.00	300.00	30.00	900.00	27.00	810.00
124	SAWCUTTING CURB	30 EA	29.00	870.00	31.00	930.00	75.00	2,250.00	34.00	1,020.00
125	SAWCUTTING RIGID PAVEMENT	450 LFI	1.50	675.00	1.20	540.00	3.00	1,350.00	1.50	675.00
126	SAWCUTTING FLEXIBLE PAVEMENT	12900 LFI	0.80	10,320.00	0.35	4,515.00	0.80	10,320.00	0.40	5,160.00
127	ROADWAY EXCAVATION INCL. HAUL	2568 CY	30.00	77,040.00	15.00	38,520.00	24.00	61,632.00	27.00	69,336.00
128	COMMON BORROW INCL. HAUL	1430 CY	30.00	42,900.00	35.00	50,050.00	27.00	38,610.00	40.00	57,200.00
129	PREPARATION OF UNTREATED ROADWAY	5776 SY	3.00	17,328.00	2.00	11,552.00	3.20	18,483.20	1.60	9,241.60
130	CONTROLLED DENSITY FILL	170 CY	175.00	29,750.00	300.00	51,000.00	100.00	17,000.00	100.00	17,000.00
131	PRE-& POST-CONSTRUCTION CONDITION SURVEY & MONITORING	1 LS	*****	67,000.00	*****	25,000.00	*****	2,500.00	*****	57,750.00
132	CRUSHED SURFACING TOP COURSE	642 CY	48.00	30,816.00	40.00	25,680.00	45.00	28,890.00	65.00	41,730.00
133	CRUSHED SURFACING BASE COURSE	803 CY	45.00	36,135.00	40.00	32,120.00	45.00	36,135.00	60.00	48,180.00
134	CSTC FOR SIDEWALK AND DRIVEWAYS	20 CY	100.00	2,000.00	115.00	2,300.00	100.00	2,000.00	160.00	3,200.00
135	HMA CL. 1/2 IN. PG 70-28, 7 INCH THICK	5776 SY	49.00	283,024.00	43.00	248,368.00	42.00	242,592.00	43.00	248,368.00
136	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 4 INCH THICK	60 SY	42.00	2,520.00	125.00	7,500.00	127.00	7,620.00	50.00	3,000.00
137	HMA FOR TRANSITION, CL. 1/2 IN. PG 70-28, 2 INCH THICK	42 SY	48.00	2,016.00	73.00	3,066.00	75.00	3,150.00	54.00	2,268.00



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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Street Improvements					Sales tax shall be included in unit prices					
138	TEMPORARY PATCHING	540 SY	45.00	24,300.00	17.00	9,180.00	18.00	9,720.00	20.00	10,800.00
139	PAVEMENT REPAIR EXCAVATION INCL. HAUL	60 SY	33.00	1,980.00	36.00	2,160.00	60.00	3,600.00	70.00	4,200.00
140	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
141	COMPACTION PRICE ADJUSTMENT	1 CAL	5,660.00	5,660.00	5,660.00	5,660.00	5,660.00	5,660.00	5,660.00	5,660.00
142	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	570 LF	90.00	51,300.00	43.00	24,510.00	152.00	86,640.00	99.00	56,430.00
143	STORM SEWER PIPE 15 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	1060 LF	100.00	106,000.00	49.00	51,940.00	160.00	169,600.00	104.00	110,240.00
144	STORM SEWER PIPE 18 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	210 LF	110.00	23,100.00	58.00	12,180.00	204.00	42,840.00	850.00	178,500.00
145	MANHOLE TYPE I-48, BASIC PRICE	10 EA	4,000.00	40,000.00	3,300.00	33,000.00	6,000.00	60,000.00	3,200.00	32,000.00
146	MANHOLE TYPE I-48, DOGHOUSE	1 EA	6,900.00	6,900.00	3,200.00	3,200.00	7,500.00	7,500.00	4,100.00	4,100.00
147	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM.	6 VF	180.00	1,080.00	200.00	1,200.00	500.00	3,000.00	104.00	624.00
148	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	5 EA	450.00	2,250.00	400.00	2,000.00	800.00	4,000.00	800.00	4,000.00
149	ADJUST EXISTING MH, CB, DW, OR INLET IN ASPHALT	20 EA	600.00	12,000.00	400.00	8,000.00	1,000.00	20,000.00	1,000.00	20,000.00
150	CATCH BASIN TYPE 1	3 EA	2,500.00	7,500.00	2,800.00	8,400.00	5,000.00	15,000.00	3,000.00	9,000.00
151	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	4 EA	800.00	3,200.00	700.00	2,800.00	400.00	1,600.00	1,250.00	5,000.00
152	VALVE BOX AND COVER	2 EA	450.00	900.00	800.00	1,600.00	250.00	500.00	900.00	1,800.00
153	CONNECT 6 IN. TO 12 IN. DIAM. PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	11 EA	900.00	9,900.00	1,100.00	12,100.00	400.00	4,400.00	1,225.00	13,475.00
154	CONNECT 15 IN. TO 27 IN. DIAM. PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	2 EA	2,700.00	5,400.00	1,100.00	2,200.00	800.00	1,600.00	1,650.00	3,300.00

<b>Project Number: 2016199</b>			<b>Engineer's Estimate</b>		LaRiviere Inc		Red Diamond Construction Inc		Murphy Brothers Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Street Improvements					Sales tax shall be included in unit prices					
155	CONNECT 6 TO 12 IN. DIAMETER PIPE TO EXISTING SEWER PIPE	4 EA	750.00	3,000.00	900.00	3,600.00	600.00	2,400.00	900.00	3,600.00
156	CONNECT 15 TO 27 IN. DIAMETER PIPE TO EXISTING SEWER PIPE	2 EA	1,500.00	3,000.00	2,500.00	5,000.00	1,500.00	3,000.00	900.00	1,800.00
157	RECONSTRUCT MANHOLE INVERT	4 EA	2,250.00	9,000.00	2,500.00	10,000.00	2,200.00	8,800.00	1,050.00	4,200.00
158	MANHOLE TEST	2 EA	600.00	1,200.00	600.00	1,200.00	500.00	1,000.00	1,100.00	2,200.00
159	CLEANING EXISTING DRAINAGE STRUCTURE	20 EA	450.00	9,000.00	500.00	10,000.00	425.00	8,500.00	350.00	7,000.00
160	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	5767 CY	90.00	519,030.00	120.00	692,040.00	56.00	322,952.00	190.00	1,095,730.00
161	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	80 CY	30.00	2,400.00	31.00	2,480.00	0.01	0.80	34.00	2,720.00
162	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	80 CY	20.00	1,600.00	64.00	5,120.00	0.01	0.80	46.00	3,680.00
163	TRENCH SAFETY SYSTEM	1 LS	*****	9,000.00	*****	3,100.00	*****	13,000.00	*****	6,000.00
164	RECONNECT SIDE SEWER	14 EA	1,100.00	15,400.00	4,000.00	56,000.00	1,100.00	15,400.00	950.00	13,300.00
165	SIDE SEWER CLEANING & VIDEO INSPECTION	14 EA	750.00	10,500.00	400.00	5,600.00	400.00	5,600.00	400.00	5,600.00
166	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	144 LF	70.00	10,080.00	60.00	8,640.00	100.00	14,400.00	90.00	12,960.00
167	OUTLET TRAP	4 EA	250.00	1,000.00	150.00	600.00	300.00	1,200.00	335.00	1,340.00
168	PLUGGING EXISTING PIPE	12 EA	700.00	8,400.00	1,200.00	14,400.00	275.00	3,300.00	500.00	6,000.00
169	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	22,000.00	*****	3,100.00	*****	56,400.00	*****	18,000.00
170	BYPASS SEWER FLOWS	1 LS	*****	9,500.00	*****	25,000.00	*****	16,000.00	*****	65,000.00
171	ENCASE WATER/SEWER AT CROSSINGS	1 EA	1,300.00	1,300.00	2,500.00	2,500.00	2,800.00	2,800.00	4,750.00	4,750.00
172	CLEANING EXISTING SANITARY SEWER	4 EA	550.00	2,200.00	400.00	1,600.00	400.00	1,600.00	400.00	1,600.00

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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Street Improvements					Sales tax shall be included in unit prices					
173	DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.	120 LF	175.00	21,000.00	130.00	15,600.00	217.00	26,040.00	150.00	18,000.00
174	GATE VALVE 12 IN.	2 EA	3,750.00	7,500.00	4,400.00	8,800.00	5,000.00	10,000.00	5,500.00	11,000.00
175	SANITARY SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	230 LF	55.00	12,650.00	76.00	17,480.00	184.00	42,320.00	75.00	17,250.00
176	SIDE SEWER PIPE 4 IN. TO 6 IN. DIAM.	420 LF	55.00	23,100.00	42.00	17,640.00	100.00	42,000.00	84.00	35,280.00
177	SIDE SEWER PERMIT	14 EA	40.00	560.00	40.00	560.00	40.00	560.00	40.00	560.00
178	SEWER CLEANOUT	1 EA	650.00	650.00	1,000.00	1,000.00	1,500.00	1,500.00	1,200.00	1,200.00
179	ESC LEAD	1 LS	*****	4,500.00	*****	2,000.00	*****	2,000.00	*****	4,000.00
180	INLET PROTECTION	15 EA	125.00	1,875.00	100.00	1,500.00	125.00	1,875.00	200.00	3,000.00
181	STREET CLEANING	240 HR	200.00	48,000.00	300.00	72,000.00	20.00	4,800.00	400.00	96,000.00
182	WATTLE	150 LF	10.00	1,500.00	6.00	900.00	10.00	1,500.00	25.00	3,750.00
183	TOPSOIL TYPE A, 2 INCH THICK	298 SY	12.00	3,576.00	8.00	2,384.00	5.00	1,490.00	4.75	1,415.50
184	LANDSCAPING REPAIR AREA	120 SY	25.00	3,000.00	36.00	4,320.00	20.00	2,400.00	20.00	2,400.00
185	WEED AND PEST CONTROL	1 FA	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
186	HYDROSEEDING	320 SY	18.00	5,760.00	7.00	2,240.00	5.00	1,600.00	5.00	1,600.00
187	SWALE DRAIN PAD	12 SY	180.00	2,160.00	135.00	1,620.00	130.00	1,560.00	130.00	1,560.00
188	REMOVE & REPLACE EXISTING SPRINKLER HEADS & LINES	270 SY	15.00	4,050.00	26.00	7,020.00	20.00	5,400.00	20.00	5,400.00
189	CEMENT CONCRETE CURB	125 LF	38.00	4,750.00	35.00	4,375.00	32.00	4,000.00	32.00	4,000.00
190	CEMENT CONCRETE CURB AND GUTTER	80 LF	42.00	3,360.00	50.00	4,000.00	50.00	4,000.00	47.00	3,760.00
191	CEMENT CONCRETE DRIVEWAY	37 SY	90.00	3,330.00	100.00	3,700.00	100.00	3,700.00	100.00	3,700.00

<i>Project Number:</i> 2016199		<i>Engineer's Estimate</i>			LaRiviere Inc		Red Diamond Construction Inc		Murphy Brothers Inc	
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<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i> Street Improvements				Sales tax shall be included in unit prices						
192	ADJUST MONUMENT FRAME AND COVER	2 EA	2,500.00	5,000.00	600.00	1,200.00	650.00	1,300.00	900.00	1,800.00
193	CEMENT CONC. SIDEWALK	65 SY	70.00	4,550.00	70.00	4,550.00	80.00	5,200.00	70.00	4,550.00
194	RAMP DETECTABLE WARNING	72 SF	35.00	2,520.00	30.00	2,160.00	30.00	2,160.00	26.00	1,872.00
195	TRAFFIC SIGNAL SYSTEM RETROFIT, 3RD AVE & ARTHUR ST	1 LS	*****	65,000.00	*****	52,845.74	*****	46,000.00	*****	59,000.00
196	TEMPORARY INTERSECTION LIGHTING SYSTEM	1 LS	*****	25,000.00	*****	25,000.00	*****	12,000.00	*****	4,400.00
197	REMOVAL OF EXISTING PAVEMENT MARKINGS	53 SF	15.00	795.00	23.00	1,219.00	20.00	1,060.00	23.00	1,219.00
198	PAVEMENT MARKING - DURABLE HEAT APPLIED	750 SF	16.00	12,000.00	10.00	7,500.00	9.00	6,750.00	10.00	7,500.00
199	PAVEMENT MARKING-DURABLE INLAY TAPE	73 SF	10.00	730.00	17.00	1,241.00	14.50	1,058.50	17.00	1,241.00
200	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	4 EA	200.00	800.00	135.00	540.00	120.00	480.00	130.00	520.00
<i>Schedule Totals</i>				2,126,190.00		2,039,631.74		2,238,379.30		3,196,270.00

**Project Number**      **2016199**      **3rd & 2nd Avenue Storm Sewer**

**SCHEDULE SUMMARY**

	<b>Sched 1</b>	<b>Sched 2</b>	<b>Sched 3</b>	<b>Sched 4</b>	<b>Sched 5</b>	<b>Sched 6</b>	<b>Sched 7</b>	<b>Sched 8</b>	<b>Total</b>
<b>Engineer's Est</b>	2,126,190.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,126,190.00
Halme Construction Inc	1,774,634.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,774,634.94
DW Excavating, Inc.	1,849,623.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,849,623.00
L & L Cargile Inc	1,863,264.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,863,264.40
LaRiviere Inc	2,039,631.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,039,631.74
Red Diamond Construc	2,238,379.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,238,379.30
Murphy Brothers Inc	3,196,270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,196,270.00

**Low Bid Contractor:** Halme Construction Inc

	<b>Contractor's Bid</b>	<b>Engineer's Estimate</b>	<b>% Variance</b>	
<b>Schedule 01</b>	\$1,774,634.94	\$2,126,190.00	16.53	% Under Estimate
<b>Bid Totals</b>	\$1,774,634.94	\$2,126,190.00	16.53	% Under Estimate