

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

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

**Project Number:** 2017145

**Project Description:** Monroe 2 - Grace Ave to Kiernan Ave

**Original Date:** 1/21/2018 10:29:19 AM

**Funding Source:** Federal

**Update Date:** 2/12/2018 2:30:07 PM

**Preparer:** Jonathan Adams

**Addendum:**

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		Murphy Brothers Inc		Cameron-Reilly	
<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	TRAINING	400 HR	100.00	40,000.00	6.00	2,400.00	2.00	800.00	10.00	4,000.00	
102	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
103	SPCC PLAN	1 LS	*****	1,500.00	*****	1,000.00	*****	1,000.00	*****	750.00	
104	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1 EST	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	
105	POTHOLING	64 EA	250.00	16,000.00	250.00	16,000.00	350.00	22,400.00	250.00	16,000.00	
106	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	50,000.00	*****	15,000.00	*****	27,500.00	*****	7,500.00	
107	REFERENCE AND REESTABLISH SURVEY MONUMENT	18 EA	500.00	9,000.00	500.00	9,000.00	550.00	9,900.00	550.00	9,900.00	
108	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,000.00	*****	3,500.00	*****	3,500.00	*****	4,000.00	
109	TYPE B PROGRESS SCHEDULE	1 LS	*****	5,000.00	*****	3,400.00	*****	5,000.00	*****	1,500.00	
110	INCENTIVE FOR EARLY COMPLETION	24 DA	2,500.00	60,000.00	2,500.00	60,000.00	2,500.00	60,000.00	2,500.00	60,000.00	
111	MOBILIZATION	1 LS	*****	350,000.00	*****	319,000.00	*****	275,000.00	*****	200,000.00	
112	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	50,000.00	*****	150,184.00	*****	175,000.00	*****	45,000.00	
113	SPECIAL SIGNS	30 SF	20.00	600.00	12.00	360.00	16.00	480.00	20.00	600.00	
114	SEQUENTIAL ARROW SIGN	4100 HR	5.00	20,500.00	2.10	8,610.00	2.00	8,200.00	2.00	8,200.00	

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115	PORTABLE CHANGEABLE MESSAGE SIGN	200 HR	7.00	1,400.00	9.00	1,800.00	8.00	1,600.00	3.50	700.00
116	TYPE III BARRICADE	20 EA	50.00	1,000.00	50.00	1,000.00	45.00	900.00	100.00	2,000.00
117	CLEARING AND GRUBBING	1 LS	*****	5,000.00	*****	18,000.00	*****	25,000.00	*****	7,500.00
118	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	2,000.00	*****	1,800.00	*****	2.00	*****	1,500.00
119	TREE PROTECTION ZONE	1 EA	200.00	200.00	750.00	750.00	700.00	700.00	625.00	625.00
120	REMOVE TREE, CLASS I	1 EA	200.00	200.00	800.00	800.00	500.00	500.00	350.00	350.00
121	REMOVE TREE, CLASS II	2 EA	800.00	1,600.00	3,500.00	7,000.00	2,300.00	4,600.00	2,500.00	5,000.00
122	TREE PRUNING	1 EA	500.00	500.00	400.00	400.00	400.00	400.00	350.00	350.00
123	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	5,000.00	*****	20,000.00	*****	10,000.00	*****	3,500.00
124	REMOVE EXISTING CURB	6500 LF	10.00	65,000.00	7.00	45,500.00	11.00	71,500.00	8.00	52,000.00
125	REMOVE EXISTING CURB AND GUTTER	20 LF	15.00	300.00	10.00	200.00	30.00	600.00	10.00	200.00
126	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	4000 SY	12.00	48,000.00	9.00	36,000.00	14.00	56,000.00	11.00	44,000.00
127	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	19 EA	500.00	9,500.00	500.00	9,500.00	525.00	9,975.00	800.00	15,200.00
128	REMOVE CURB/GRATE INLET	5 EA	400.00	2,000.00	300.00	1,500.00	525.00	2,625.00	500.00	2,500.00
129	REMOVE EXISTING <12 IN DIAM PIPE	1200 LF	12.00	14,400.00	6.00	7,200.00	8.00	9,600.00	15.00	18,000.00
130	SAWCUTTING CURB	56 EA	35.00	1,960.00	50.00	2,800.00	30.00	1,680.00	40.00	2,240.00
131	SAWCUTTING RIGID PAVEMENT	9000 LFI	1.00	9,000.00	0.75	6,750.00	1.25	11,250.00	1.25	11,250.00
132	SAWCUTTING FLEXIBLE PAVEMENT	12000 LFI	0.40	4,800.00	1.82	21,840.00	0.40	4,800.00	0.75	9,000.00
133	REMOVE AND DISPOSE OF TROLLEY RAILS	2246 LF	20.00	44,920.00	10.00	22,460.00	8.25	18,529.50	22.00	49,412.00

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134	ROADWAY EXCAVATION INCL. HAUL	10090 CY	30.00	302,700.00	27.00	272,430.00	16.00	161,440.00	39.00	393,510.00
135	ROADWAY EXCAVATION INCL. HAUL - SWALE	2100 CY	15.00	31,500.00	35.00	73,500.00	16.00	33,600.00	39.00	81,900.00
136	REMOVE UNSUITABLE FOUNDATION MATERIAL	1000 CY	30.00	30,000.00	0.01	10.00	24.00	24,000.00	39.00	39,000.00
137	REPLACE UNSUITABLE FOUNDATION MATERIAL	1000 CY	20.00	20,000.00	0.01	10.00	36.00	36,000.00	40.00	40,000.00
138	COMMON BORROW INCL. HAUL	100 CY	20.00	2,000.00	24.00	2,400.00	47.00	4,700.00	40.00	4,000.00
139	PREPARATION OF UNTREATED ROADWAY	19200 SY	2.00	38,400.00	1.70	32,640.00	1.75	33,600.00	3.00	57,600.00
140	FLEXIBLE POROUS PAVEMENT	500 SY	60.00	30,000.00	67.00	33,500.00	65.00	32,500.00	67.00	33,500.00
141	CONSTRUCTION GEOSYNTHETIC FOR SOIL STABILIZATION	150 SY	3.00	450.00	4.00	600.00	2.50	375.00	5.00	750.00
142	CRUSHED SURFACING TOP COURSE	1800 CY	40.00	72,000.00	41.25	74,250.00	37.00	66,600.00	50.00	90,000.00
143	CRUSHED SURFACING BASE COURSE	3800 CY	35.00	133,000.00	41.25	156,750.00	33.00	125,400.00	50.00	190,000.00
144	CSTC FOR SIDEWALK AND DRIVEWAYS	500 CY	60.00	30,000.00	50.00	25,000.00	85.00	42,500.00	80.00	40,000.00
145	2 IN - 4 IN BASALT BALLAST	200 SY	15.00	3,000.00	12.50	2,500.00	13.50	2,700.00	13.00	2,600.00
146	4 IN - 6 IN BASALT BALLAST	150 SY	30.00	4,500.00	38.00	5,700.00	18.50	2,775.00	38.00	5,700.00
147	ALLEY GRADING AND DUST CONTROL	5000 SY	5.00	25,000.00	3.10	15,500.00	3.80	19,000.00	3.00	15,000.00
148	HMA CL. 1/2. PG 64-28, 4 INCH THICK	3220 SY	16.00	51,520.00	23.00	74,060.00	24.25	78,085.00	24.75	79,695.00
149	HMA CL. 1/2 IN. PG 70-28, 9 INCH THICK	15950 SY	40.00	638,000.00	37.50	598,125.00	37.75	602,112.50	39.60	631,620.00
150	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 3 INCH THICK	20 SY	35.00	700.00	70.00	1,400.00	70.00	1,400.00	50.00	1,000.00
151	HMA FOR TRANSITION, CL. 1/2 IN. PG 64-28, 3 INCH THICK	500 SY	35.00	17,500.00	36.00	18,000.00	42.00	21,000.00	38.50	19,250.00
152	PAVEMENT REPAIR EXCAVATION INCL. HAUL	20 SY	30.00	600.00	50.00	1,000.00	50.00	1,000.00	50.00	1,000.00

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153	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
154	COMPACTION PRICE ADJUSTMENT	1 EST	13,700.00	13,700.00	13,700.00	13,700.00	13,700.00	13,700.00	13,700.00	13,700.00
155	LANDSCAPE CURB WALL	970 LF	60.00	58,200.00	33.50	32,495.00	32.00	31,040.00	30.00	29,100.00
156	STORM SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	380 LF	30.00	11,400.00	31.00	11,780.00	42.50	16,150.00	65.00	24,700.00
157	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	220 LF	100.00	22,000.00	55.00	12,100.00	66.00	14,520.00	75.00	16,500.00
158	MANHOLE TYPE I-48, BASIC PRICE	5 EA	3,500.00	17,500.00	3,700.00	18,500.00	2,875.00	14,375.00	3,500.00	17,500.00
159	RE-CHANNEL EXISTING MANHOLE	1 EA	1,500.00	1,500.00	2,500.00	2,500.00	1,000.00	1,000.00	1,000.00	1,000.00
160	DRYWELL TYPE 1	2 EA	3,500.00	7,000.00	3,500.00	7,000.00	4,750.00	9,500.00	3,500.00	7,000.00
161	DRYWELL TYPE 2	4 EA	5,000.00	20,000.00	4,500.00	18,000.00	5,575.00	22,300.00	3,500.00	14,000.00
162	CATCH BASIN TYPE 1	7 EA	2,500.00	17,500.00	2,700.00	18,900.00	2,500.00	17,500.00	2,500.00	17,500.00
163	CATCH BASIN TYPE 3	38 EA	2,500.00	95,000.00	2,700.00	102,600.00	2,600.00	98,800.00	2,700.00	102,600.00
164	CATCH BASIN TYPE 4	3 EA	2,500.00	7,500.00	3,500.00	10,500.00	3,000.00	9,000.00	2,900.00	8,700.00
165	SPOKANE COUNTY CURB INLET TYPE 2	1 EA	1,500.00	1,500.00	1,700.00	1,700.00	1,500.00	1,500.00	1,200.00	1,200.00
166	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	14 EA	500.00	7,000.00	860.00	12,040.00	815.00	11,410.00	550.00	7,700.00
167	VALVE BOX AND COVER	6 EA	400.00	2,400.00	600.00	3,600.00	490.00	2,940.00	400.00	2,400.00
168	CLEANING EXISTING DRAINAGE STRUCTURE	17 EA	300.00	5,100.00	300.00	5,100.00	280.00	4,760.00	250.00	4,250.00
169	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	20 CY	18.00	360.00	0.01	0.20	19.50	390.00	80.00	1,600.00
170	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	20 CY	25.00	500.00	25.00	500.00	55.00	1,100.00	40.00	800.00

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171	IMPORTED BACKFILL	20 CY	20.00	400.00	25.00	500.00	50.00	1,000.00	50.00	1,000.00
172	TRENCH SAFETY SYSTEM	1 LS	*****	3,500.00	*****	2,400.00	*****	6,720.00	*****	1,500.00
173	CATCH BASIN SEWER PIPE 8 IN. DIAM.	1300 LF	30.00	39,000.00	30.00	39,000.00	55.00	71,500.00	55.00	71,500.00
174	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	1200 LF	45.00	54,000.00	40.00	48,000.00	66.00	79,200.00	70.00	84,000.00
175	CATCH BASIN DUCTILE IRON SEWER PIPE 12 IN. DIAM.	110 LF	60.00	6,600.00	45.00	4,950.00	48.50	5,335.00	80.00	8,800.00
176	CONNECT 8 OR 12 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	16 EA	900.00	14,400.00	780.00	12,480.00	575.00	9,200.00	750.00	12,000.00
177	TEMPORARY PIPE PLUG AND CAP	17 EA	100.00	1,700.00	120.00	2,040.00	295.00	5,015.00	250.00	4,250.00
178	PLUGGING EXISTING PIPE	1 EA	50.00	50.00	300.00	300.00	350.00	350.00	750.00	750.00
179	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	4,500.00	*****	17,000.00	*****	2,800.00	*****	1,500.00
180	CLEANING EXISTING SANITARY SEWER	14 EA	300.00	4,200.00	300.00	4,200.00	370.00	5,180.00	250.00	3,500.00
181	HYDRANT ASSEMBLY	3 EA	5,500.00	16,500.00	5,200.00	15,600.00	5,875.00	17,625.00	6,000.00	18,000.00
182	HYDRANT OFFSET ASSEMBLY	4 EA	5,500.00	22,000.00	5,800.00	23,200.00	5,875.00	23,500.00	5,000.00	20,000.00
183	TRENCH EXCAVATION FOR WATER SERVICE TAP	475 LF	30.00	14,250.00	24.00	11,400.00	22.75	10,806.25	10.00	4,750.00
184	ESC LEAD	1 LS	*****	1,500.00	*****	1,000.00	*****	675.00	*****	1,000.00
185	INLET PROTECTION	46 EA	90.00	4,140.00	75.00	3,450.00	60.50	2,783.00	75.00	3,450.00
186	STREET CLEANING	240 HR	150.00	36,000.00	1.00	240.00	295.00	70,800.00	150.00	36,000.00
187	TOPSOIL TYPE A, 18 INCH THICK	400 SY	30.00	12,000.00	31.00	12,400.00	30.00	12,000.00	31.00	12,400.00
188	PSIPE2 INCH CALIPER SHADE TREE	103 EA	500.00	51,500.00	490.00	50,470.00	475.00	48,925.00	500.00	51,500.00

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189	PSIPE 5 GAL SHRUB	197 EA	75.00	14,775.00	60.00	11,820.00	82.00	16,154.00	59.00	11,623.00
190	PSIPE 2 GAL SHRUB	255 EA	45.00	11,475.00	45.00	11,475.00	43.00	10,965.00	45.00	11,475.00
191	PSIPE 1 GAL GROUND COVER	160 EA	14.00	2,240.00	30.00	4,800.00	28.00	4,480.00	29.00	4,640.00
192	PSIPE 4 IN PERENNIAL	597 EA	11.00	6,567.00	12.00	7,164.00	12.00	7,164.00	12.50	7,462.50
193	WEED SPRAYING AND CONTROL	2 EA	3,000.00	6,000.00	800.00	1,600.00	800.00	1,600.00	850.00	1,700.00
194	LANDSCAPE BOULDER	51 EA	100.00	5,100.00	75.00	3,825.00	80.00	4,080.00	85.00	4,335.00
195	HYDROSEEDING	250 SY	9.00	2,250.00	4.75	1,187.50	7.00	1,750.00	5.00	1,250.00
196	SOD INSTALLATION	4100 SY	12.00	49,200.00	12.00	49,200.00	12.60	51,660.00	13.25	54,325.00
197	TOPSOIL FOR BIO-FILTRATION SWALES, TYPE A, 18 INCH THICK	324 SY	20.00	6,480.00	34.00	11,016.00	35.00	11,340.00	37.00	11,988.00
198	CONSTRUCT BIO-INFILTRATION SWALE	4300 SY	15.00	64,500.00	5.00	21,500.00	3.75	16,125.00	7.00	30,100.00
199	SWALE DRAIN PAD	10 SY	200.00	2,000.00	100.00	1,000.00	105.00	1,050.00	100.00	1,000.00
200	IRRIGATION SYSTEM	1 LS	*****	170,000.00	*****	49,000.00	*****	51,000.00	*****	54,000.00
201	IRRIGATION SYSTEM - LIGHT POLE	1 LS	*****	70,000.00	*****	24,000.00	*****	25,000.00	*****	27,000.00
202	IRRIGATION SYSTEM - SWALE	1 LS	*****	50,000.00	*****	18,000.00	*****	17,850.00	*****	18,700.00
203	4 IN PVC IRRIGATION SLEEVE	1712 LF	14.00	23,968.00	9.00	15,408.00	9.00	15,408.00	9.50	16,264.00
204	4 IN DUCTILE IRON IRRIGATION SLEEVE	1380 LF	35.00	48,300.00	30.00	41,400.00	31.50	43,470.00	33.00	45,540.00
205	CEMENT CONCRETE CURB	2000 LF	15.00	30,000.00	27.00	54,000.00	25.40	50,800.00	24.00	48,000.00
206	CEMENT CONC. CURB AND GUTTER	5500 LF	20.00	110,000.00	16.00	88,000.00	14.70	80,850.00	14.00	77,000.00
207	TREE WELL	44 EA	500.00	22,000.00	250.00	11,000.00	265.00	11,660.00	250.00	11,000.00

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209	CEMENT CONCRETE DRIVEWAY	1050 SY	50.00	52,500.00	50.00	52,500.00	44.40	46,620.00	42.00	44,100.00
210	CEMENT CONCRETE DRIVEWAY TRANSITION	60 SY	50.00	3,000.00	50.00	3,000.00	45.00	2,700.00	42.00	2,520.00
211	CHANNELIZING DEVICES	25 EA	75.00	1,875.00	236.00	5,900.00	240.00	6,000.00	237.00	5,925.00
212	MODIFY FENCING	1 LS	*****	5,000.00	*****	6,000.00	*****	6,500.00	*****	6,500.00
213	MONUMENT FRAME AND COVER	17 EA	550.00	9,350.00	500.00	8,500.00	550.00	9,350.00	250.00	4,250.00
214	CEMENT CONC. SIDEWALK	6500 SY	35.00	227,500.00	41.50	269,750.00	36.75	238,875.00	33.00	214,500.00
215	STAMPED CONCRETE STREET NAME	56 EA	150.00	8,400.00	230.00	12,880.00	222.00	12,432.00	200.00	11,200.00
216	RAMP DETECTABLE WARNING	1100 SF	22.00	24,200.00	22.00	24,200.00	21.00	23,100.00	20.00	22,000.00
217	ILLUMINATION CONDUIT SYSTEM, CHELAN PHASE 2	1 LS	*****	45,000.00	*****	61,000.00	*****	30,000.00	*****	66,661.00
218	ILLUMINATION SYSTEM, CHELAN PHASE 2	1 LS	*****	115,000.00	*****	60,000.00	*****	95,000.00	*****	63,130.00
219	ILLUMINATION CONDUIT SYSTEM, FREDERICK	1 LS	*****	75,000.00	*****	102,000.00	*****	53,500.00	*****	107,856.00
220	ILLUMINATION SYSTEM, FREDERICK	1 LS	*****	270,000.00	*****	110,000.00	*****	230,000.00	*****	116,390.00
221	ILLUMINATION CONDUIT SYSTEM, CORA	1 LS	*****	60,000.00	*****	80,000.00	*****	27,500.00	*****	84,637.00
222	ILLUMINATION SYSTEM, CORA	1 LS	*****	85,000.00	*****	96,000.00	*****	85,000.00	*****	101,757.00
223	PEDESTRIAN CROSSING BEACON SYSTEM	1 LS	*****	30,000.00	*****	33,000.00	*****	40,000.00	*****	34,454.00
224	TEMPORARY INTERSECTION LIGHTING SYSTEM	1 LS	*****	140,000.00	*****	10,000.00	*****	62,000.00	*****	39,200.00
225	SIGNING, PERMANENT	1 LS	*****	25,000.00	*****	19,000.00	*****	19,000.00	*****	19,085.00
226	SPECIAL BUSINESS SIGNS	410 SF	30.00	12,300.00	26.00	10,660.00	31.50	12,915.00	15.00	6,150.00

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		Murphy Brothers Inc		Cameron-Reilly	
<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						
227	TEMPORARY SIGNS, POST STREET	1 LS	*****	7,000.00	*****	2,500.00	*****	8,500.00	*****	1,500.00
228	REMOVAL OF EXISTING PAVEMENT MARKINGS	400 SF	4.50	1,800.00	3.60	1,440.00	4.00	1,600.00	4.00	1,600.00
229	PAVEMENT MARKING - DURABLE HEAT APPLIED	466 SF	10.00	4,660.00	8.60	4,007.60	9.00	4,194.00	8.80	4,100.80
230	PAVEMENT MARKING - DURABLE INLAY TAPE	2541 SF	10.00	25,410.00	8.20	20,836.20	8.00	20,328.00	8.50	21,598.50
231	PAVEMENT MARKING - PAINT, MONROE	485 SF	1.00	485.00	3.20	1,552.00	3.75	1,818.75	4.00	1,940.00
232	PAVEMENT MARKING - PAINT POST	130 SF	1.00	130.00	4.00	520.00	4.00	520.00	4.00	520.00
233	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	8 EA	200.00	1,600.00	225.00	1,800.00	225.00	1,800.00	225.00	1,800.00
234	TEMPORARY PAVEMENT MARKING	1 LS	*****	7,000.00	*****	2,000.00	*****	4,000.00	*****	7,500.00
235	ROCK RETAINING WALL	500 SF	30.00	15,000.00	19.00	9,500.00	20.00	10,000.00	30.00	15,000.00
236	CEMENT CONCRETE STEPS	6 EA	500.00	3,000.00	560.00	3,360.00	525.00	3,150.00	500.00	3,000.00
237	PERVIOUS CONCRETE PAVEMENT - 4 IN THICK	360 SY	50.00	18,000.00	130.00	46,800.00	125.00	45,000.00	160.00	57,600.00
238	CURB KNOB	350 EA	15.00	5,250.00	30.00	10,500.00	31.50	11,025.00	25.00	8,750.00
239	BIKE RACK	7 EA	400.00	2,800.00	1,050.00	7,350.00	1,300.00	9,100.00	1,200.00	8,400.00
240	Not Used	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
241	Not Used	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
242	CONNECT 8 IN. DIAM. STORM PIPE TO EXISTING STORM PIPE	1 EA	600.00	600.00	450.00	450.00	750.00	750.00	1,200.00	1,200.00
243	CEMENT CONCRETE DRIVEWAY - HIGH EARLY STRENGTH	250 SY	115.00	28,750.00	55.00	13,750.00	54.00	13,500.00	51.00	12,750.00
244	CEMENT CONCRETE DRIVEWAY TRANSITION - HIGH EARLY STRENGTH	40 SY	115.00	4,600.00	55.00	2,200.00	54.00	2,160.00	51.00	2,040.00
<b>Schedule Totals</b>				4,909,315.00		4,312,725.50		4,418,372.00		4,554,468.80



<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		Murphy Brothers Inc		Cameron-Reilly	
<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 03 WATER IMPROVEMENTS</i>					Sales tax shall NOT be included in unit prices					
301	POTHOLING	32 EA	250.00	8,000.00	300.00	9,600.00	350.00	11,200.00	250.00	8,000.00
302	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	3 EA	500.00	1,500.00	700.00	2,100.00	525.00	1,575.00	800.00	2,400.00
303	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 3 INCH THICK	20 SY	35.00	700.00	100.00	2,000.00	70.00	1,400.00	50.00	1,000.00
304	PAVEMENT REPAIR EXCAVATION INCL. HAUL	20 SY	30.00	600.00	40.00	800.00	50.00	1,000.00	50.00	1,000.00
305	VALVE BOX AND COVER	20 EA	400.00	8,000.00	600.00	12,000.00	490.00	9,800.00	400.00	8,000.00
306	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	20 CY	18.00	360.00	0.01	0.20	19.50	390.00	80.00	1,600.00
307	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	20 CY	25.00	500.00	20.00	400.00	38.00	760.00	50.00	1,000.00
308	IMPORTED BACKFILL	20 CY	20.00	400.00	20.00	400.00	43.25	865.00	50.00	1,000.00
309	TRENCH SAFETY SYSTEM	1 LS	*****	3,500.00	*****	2,800.00	*****	1,680.00	*****	1,200.00
310	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	4,500.00	*****	30,000.00	*****	2,800.00	*****	1,500.00
311	ENCASE WATER/SEWER AT CROSSINGS	2 EA	500.00	1,000.00	600.00	1,200.00	1,680.00	3,360.00	750.00	1,500.00
312	D.I. PIPE FOR WATER MAIN 6 IN DIAM	835 LF	50.00	41,750.00	50.00	41,750.00	80.25	67,008.75	65.00	54,275.00
313	D.I. PIPE FOR WATER MAIN 12 IN DIAM	39 LF	65.00	2,535.00	165.00	6,435.00	170.00	6,630.00	80.00	3,120.00
314	D.I. PIPE FOR WATER MAIN 18 IN DIAM	79 LF	105.00	8,295.00	245.00	19,355.00	190.00	15,010.00	100.00	7,900.00
315	BLOWOFF ASSEMBLY	2 EA	5,500.00	11,000.00	12,000.00	24,000.00	11,500.00	23,000.00	2,500.00	5,000.00
316	GATE VALVE 6 IN.	12 EA	1,800.00	21,600.00	1,250.00	15,000.00	1,425.00	17,100.00	1,500.00	18,000.00
317	GATE VALVE 12 IN.	1 EA	3,000.00	3,000.00	2,650.00	2,650.00	2,860.00	2,860.00	2,500.00	2,500.00
318	TRENCH EXCAVATION FOR WATER SERVICE TAP	150 LF	30.00	4,500.00	30.00	4,500.00	22.00	3,300.00	20.00	3,000.00
319	REMOVE EXISTING >12 IN DIAM PIPE	118 LF	30.00	3,540.00	10.00	1,180.00	7.75	914.50	25.00	2,950.00

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		Murphy Brothers Inc		Cameron-Reilly	
<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</i>	<i>03</i>	WATER IMPROVEMENTS		Sales tax shall NOT be included in unit prices			
		<b><i>Schedule Totals</i></b>	125,280.00	176,170.20	170,653.25	124,945.00	

<b>Project Number: 2017145</b>		<b>Engineer's Estimate</b>		L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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					
101	TRAINING	400 HR	100.00	40,000.00	5.00	2,000.00	5.00	2,000.00	4.00	1,600.00
102	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
103	SPCC PLAN	1 LS	*****	1,500.00	*****	150.00	*****	500.00	*****	480.00
104	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1 EST	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
105	POTHOLING	64 EA	250.00	16,000.00	150.00	9,600.00	155.00	9,920.00	337.00	21,568.00
106	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	50,000.00	*****	23,920.00	*****	21,500.00	*****	760.00
107	REFERENCE AND REESTABLISH SURVEY MONUMENT	18 EA	500.00	9,000.00	540.00	9,720.00	500.00	9,000.00	680.00	12,240.00
108	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,000.00	*****	3,600.00	*****	3,345.00	*****	1,200.00
109	TYPE B PROGRESS SCHEDULE	1 LS	*****	5,000.00	*****	4,000.00	*****	2,865.00	*****	4,100.00
110	INCENTIVE FOR EARLY COMPLETION	24 DA	2,500.00	60,000.00	2,500.00	60,000.00	2,500.00	60,000.00	2,500.00	60,000.00
111	MOBILIZATION	1 LS	*****	350,000.00	*****	347,791.00	*****	287,524.00	*****	203,500.00
112	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	50,000.00	*****	194,000.00	*****	234,780.55	*****	114,800.00
113	SPECIAL SIGNS	30 SF	20.00	600.00	17.00	510.00	21.00	630.00	18.00	540.00
114	SEQUENTIAL ARROW SIGN	4100 HR	5.00	20,500.00	1.65	6,765.00	2.10	8,610.00	1.80	7,380.00
115	PORTABLE CHANGEABLE MESSAGE SIGN	200 HR	7.00	1,400.00	4.00	800.00	15.70	3,140.00	4.50	900.00
116	TYPE III BARRICADE	20 EA	50.00	1,000.00	55.00	1,100.00	157.00	3,140.00	60.00	1,200.00
117	CLEARING AND GRUBBING	1 LS	*****	5,000.00	*****	9,310.00	*****	9,732.00	*****	3,100.00
118	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	2,000.00	*****	300.00	*****	515.00	*****	1,350.00
119	TREE PROTECTION ZONE	1 EA	200.00	200.00	580.00	580.00	575.00	575.00	660.00	660.00

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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					
120	REMOVE TREE, CLASS I	1 EA	200.00	200.00	330.00	330.00	324.00	324.00	370.00	370.00
121	REMOVE TREE, CLASS II	2 EA	800.00	1,600.00	2,400.00	4,800.00	2,221.00	4,442.00	2,540.00	5,080.00
122	TREE PRUNING	1 EA	500.00	500.00	300.00	300.00	288.00	288.00	350.00	350.00
123	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	5,000.00	*****	3,205.00	*****	3,350.00	*****	725.00
124	REMOVE EXISTING CURB	6500 LF	10.00	65,000.00	9.25	60,125.00	9.70	63,050.00	3.78	24,570.00
125	REMOVE EXISTING CURB AND GUTTER	20 LF	15.00	300.00	11.00	220.00	11.50	230.00	4.50	90.00
126	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	4000 SY	12.00	48,000.00	10.00	40,000.00	10.45	41,800.00	9.00	36,000.00
127	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	19 EA	500.00	9,500.00	450.00	8,550.00	470.00	8,930.00	520.00	9,880.00
128	REMOVE CURB/GRATE INLET	5 EA	400.00	2,000.00	300.00	1,500.00	313.60	1,568.00	145.00	725.00
129	REMOVE EXISTING <12 IN DIAM PIPE	1200 LF	12.00	14,400.00	9.00	10,800.00	9.40	11,280.00	9.00	10,800.00
130	SAWCUTTING CURB	56 EA	35.00	1,960.00	23.00	1,288.00	21.00	1,176.00	24.00	1,344.00
131	SAWCUTTING RIGID PAVEMENT	9000 LFI	1.00	9,000.00	1.20	10,800.00	0.68	6,120.00	0.78	7,020.00
132	SAWCUTTING FLEXIBLE PAVEMENT	12000 LFI	0.40	4,800.00	0.35	4,200.00	0.26	3,120.00	0.30	3,600.00
133	REMOVE AND DISPOSE OF TROLLEY RAILS	2246 LF	20.00	44,920.00	7.00	15,722.00	7.30	16,395.80	9.00	20,214.00
134	ROADWAY EXCAVATION INCL. HAUL	10090 CY	30.00	302,700.00	34.00	343,060.00	34.90	352,141.00	19.30	194,737.00
135	ROADWAY EXCAVATION INCL. HAUL - SWALE	2100 CY	15.00	31,500.00	13.00	27,300.00	15.70	32,970.00	8.00	16,800.00
136	REMOVE UNSUITABLE FOUNDATION MATERIAL	1000 CY	30.00	30,000.00	10.00	10,000.00	10.45	10,450.00	15.30	15,300.00
137	REPLACE UNSUITABLE FOUNDATION MATERIAL	1000 CY	20.00	20,000.00	10.00	10,000.00	10.45	10,450.00	34.20	34,200.00
138	COMMON BORROW INCL. HAUL	100 CY	20.00	2,000.00	20.00	2,000.00	21.00	2,100.00	34.20	3,420.00

<i>Project Number:</i> 2017145		<i>Engineer's Estimate</i>			L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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					
139	PREPARATION OF UNTREATED ROADWAY	19200 SY	2.00	38,400.00	1.50	28,800.00	2.35	45,120.00	1.07	20,544.00
140	FLEXIBLE POROUS PAVEMENT	500 SY	60.00	30,000.00	65.00	32,500.00	64.25	32,125.00	63.83	31,915.00
141	CONSTRUCTION GEOSYNTHETIC FOR SOIL STABILIZATION	150 SY	3.00	450.00	4.00	600.00	2.60	390.00	6.80	1,020.00
142	CRUSHED SURFACING TOP COURSE	1800 CY	40.00	72,000.00	41.00	73,800.00	49.60	89,280.00	39.01	70,218.00
143	CRUSHED SURFACING BASE COURSE	3800 CY	35.00	133,000.00	34.70	131,860.00	42.20	160,360.00	37.17	141,246.00
144	CSTC FOR SIDEWALK AND DRIVEWAYS	500 CY	60.00	30,000.00	112.00	56,000.00	133.50	66,750.00	74.20	37,100.00
145	2 IN - 4 IN BASALT BALLAST	200 SY	15.00	3,000.00	12.50	2,500.00	12.00	2,400.00	7.69	1,538.00
146	4 IN - 6 IN BASALT BALLAST	150 SY	30.00	4,500.00	34.00	5,100.00	35.50	5,325.00	17.14	2,571.00
147	ALLEY GRADING AND DUST CONTROL	5000 SY	5.00	25,000.00	3.80	19,000.00	4.00	20,000.00	4.96	24,800.00
148	HMA CL. 1/2. PG 64-28, 4 INCH THICK	3220 SY	16.00	51,520.00	24.00	77,280.00	22.50	72,450.00	26.90	86,618.00
149	HMA CL. 1/2 IN. PG 70-28, 9 INCH THICK	15950 SY	40.00	638,000.00	38.00	606,100.00	36.00	574,200.00	43.02	686,169.00
150	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 3 INCH THICK	20 SY	35.00	700.00	50.00	1,000.00	45.00	900.00	53.80	1,076.00
151	HMA FOR TRANSITION, CL. 1/2 IN. PG 64-28, 3 INCH THICK	500 SY	35.00	17,500.00	37.50	18,750.00	35.00	17,500.00	41.83	20,915.00
152	PAVEMENT REPAIR EXCAVATION INCL. HAUL	20 SY	30.00	600.00	27.50	550.00	62.00	1,240.00	63.35	1,267.00
153	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
154	COMPACTION PRICE ADJUSTMENT	1 EST	13,700.00	13,700.00	13,700.00	13,700.00	13,700.00	13,700.00	13,700.00	13,700.00
155	LANDSCAPE CURB WALL	970 LF	60.00	58,200.00	32.00	31,040.00	31.50	30,555.00	21.50	20,855.00
156	STORM SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	380 LF	30.00	11,400.00	40.00	15,200.00	42.00	15,960.00	26.80	10,184.00

<i>Project Number:</i> 2017145		<i>Engineer's Estimate</i>			L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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					
157	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	220 LF	100.00	22,000.00	75.00	16,500.00	78.40	17,248.00	63.45	13,959.00
158	MANHOLE TYPE I-48, BASIC PRICE	5 EA	3,500.00	17,500.00	3,410.00	17,050.00	3,565.00	17,825.00	2,930.00	14,650.00
159	RE-CHANNEL EXISTING MANHOLE	1 EA	1,500.00	1,500.00	1,310.00	1,310.00	1,370.00	1,370.00	865.00	865.00
160	DRYWELL TYPE 1	2 EA	3,500.00	7,000.00	4,200.00	8,400.00	4,390.00	8,780.00	3,285.00	6,570.00
161	DRYWELL TYPE 2	4 EA	5,000.00	20,000.00	5,300.00	21,200.00	5,540.00	22,160.00	5,125.00	20,500.00
162	CATCH BASIN TYPE 1	7 EA	2,500.00	17,500.00	2,700.00	18,900.00	2,825.00	19,775.00	2,475.00	17,325.00
163	CATCH BASIN TYPE 3	38 EA	2,500.00	95,000.00	2,700.00	102,600.00	2,820.00	107,160.00	2,618.00	99,484.00
164	CATCH BASIN TYPE 4	3 EA	2,500.00	7,500.00	3,200.00	9,600.00	3,345.00	10,035.00	3,170.00	9,510.00
165	SPOKANE COUNTY CURB INLET TYPE 2	1 EA	1,500.00	1,500.00	1,500.00	1,500.00	1,568.00	1,568.00	1,800.00	1,800.00
166	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	14 EA	500.00	7,000.00	975.00	13,650.00	1,020.00	14,280.00	680.00	9,520.00
167	VALVE BOX AND COVER	6 EA	400.00	2,400.00	520.00	3,120.00	545.00	3,270.00	410.00	2,460.00
168	CLEANING EXISTING DRAINAGE STRUCTURE	17 EA	300.00	5,100.00	200.00	3,400.00	210.00	3,570.00	630.00	10,710.00
169	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	20 CY	18.00	360.00	10.00	200.00	10.45	209.00	31.80	636.00
170	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	20 CY	25.00	500.00	10.00	200.00	10.45	209.00	44.60	892.00
171	IMPORTED BACKFILL	20 CY	20.00	400.00	20.00	400.00	21.00	420.00	31.80	636.00
172	TRENCH SAFETY SYSTEM	1 LS	*****	3,500.00	*****	3,200.00	*****	3,345.00	*****	3,550.00
173	CATCH BASIN SEWER PIPE 8 IN. DIAM.	1300 LF	30.00	39,000.00	30.00	39,000.00	31.50	40,950.00	35.20	45,760.00
174	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	1200 LF	45.00	54,000.00	50.00	60,000.00	52.30	62,760.00	44.30	53,160.00

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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						
175	CATCH BASIN DUCTILE IRON SEWER PIPE 12 IN. DIAM.	110 LF	60.00	6,600.00	70.00	7,700.00	73.00	8,030.00	63.50	6,985.00
176	CONNECT 8 OR 12 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	16 EA	900.00	14,400.00	900.00	14,400.00	940.80	15,052.80	310.00	4,960.00
177	TEMPORARY PIPE PLUG AND CAP	17 EA	100.00	1,700.00	120.00	2,040.00	126.00	2,142.00	157.00	2,669.00
178	PLUGGING EXISTING PIPE	1 EA	50.00	50.00	100.00	100.00	110.00	110.00	400.00	400.00
179	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	4,500.00	*****	500.00	*****	525.00	*****	8,200.00
180	CLEANING EXISTING SANITARY SEWER	14 EA	300.00	4,200.00	275.00	3,850.00	288.00	4,032.00	860.00	12,040.00
181	HYDRANT ASSEMBLY	3 EA	5,500.00	16,500.00	5,200.00	15,600.00	5,435.00	16,305.00	5,670.00	17,010.00
182	HYDRANT OFFSET ASSEMBLY	4 EA	5,500.00	22,000.00	5,450.00	21,800.00	5,700.00	22,800.00	5,770.00	23,080.00
183	TRENCH EXCAVATION FOR WATER SERVICE TAP	475 LF	30.00	14,250.00	17.60	8,360.00	18.40	8,740.00	21.92	10,412.00
184	ESC LEAD	1 LS	*****	1,500.00	*****	100.00	*****	4,300.00	*****	700.00
185	INLET PROTECTION	46 EA	90.00	4,140.00	100.00	4,600.00	105.00	4,830.00	78.00	3,588.00
186	STREET CLEANING	240 HR	150.00	36,000.00	150.00	36,000.00	172.00	41,280.00	206.80	49,632.00
187	TOPSOIL TYPE A, 18 INCH THICK	400 SY	30.00	12,000.00	31.00	12,400.00	29.30	11,720.00	35.60	14,240.00
188	PSIPE2 INCH CALIPER SHADE TREE	103 EA	500.00	51,500.00	475.00	48,925.00	470.40	48,451.20	514.00	52,942.00
189	PSIPE 5 GAL SHRUB	197 EA	75.00	14,775.00	58.00	11,426.00	55.40	10,913.80	89.00	17,533.00
190	PSIPE 2 GAL SHRUB	255 EA	45.00	11,475.00	45.00	11,475.00	42.90	10,939.50	64.40	16,422.00
191	PSIPE 1 GAL GROUND COVER	160 EA	14.00	2,240.00	28.00	4,480.00	27.20	4,352.00	33.50	5,360.00
192	PSIPE 4 IN PERENNIAL	597 EA	11.00	6,567.00	12.00	7,164.00	11.50	6,865.50	17.00	10,149.00
193	WEED SPRAYING AND CONTROL	2 EA	3,000.00	6,000.00	750.00	1,500.00	784.00	1,568.00	2,500.00	5,000.00

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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					
194	LANDSCAPE BOULDER	51 EA	100.00	5,100.00	80.00	4,080.00	78.40	3,998.40	172.00	8,772.00
195	HYDROSEEDING	250 SY	9.00	2,250.00	4.40	1,100.00	4.60	1,150.00	59.76	14,940.00
196	SOD INSTALLATION	4100 SY	12.00	49,200.00	13.00	53,300.00	12.55	51,455.00	35.96	147,436.00
197	TOPSOIL FOR BIO-FILTRATION SWALES, TYPE A, 18 INCH THICK	324 SY	20.00	6,480.00	35.00	11,340.00	35.00	11,340.00	35.75	11,583.00
198	CONSTRUCT BIO-INFILTRATION SWALE	4300 SY	15.00	64,500.00	3.50	15,050.00	3.70	15,910.00	2.65	11,395.00
199	SWALE DRAIN PAD	10 SY	200.00	2,000.00	106.00	1,060.00	105.00	1,050.00	85.00	850.00
200	IRRIGATION SYSTEM	1 LS	*****	170,000.00	*****	52,000.00	*****	51,013.00	*****	133,300.00
201	IRRIGATION SYSTEM - LIGHT POLE	1 LS	*****	70,000.00	*****	26,000.00	*****	24,700.00	*****	18,900.00
202	IRRIGATION SYSTEM - SWALE	1 LS	*****	50,000.00	*****	19,000.00	*****	17,770.00	*****	38,900.00
203	4 IN PVC IRRIGATION SLEEVE	1712 LF	14.00	23,968.00	8.00	13,696.00	8.40	14,380.80	10.00	17,120.00
204	4 IN DUCTILE IRON IRRIGATION SLEEVE	1380 LF	35.00	48,300.00	24.50	33,810.00	25.60	35,328.00	42.00	57,960.00
205	CEMENT CONCRETE CURB	2000 LF	15.00	30,000.00	26.00	52,000.00	25.25	50,500.00	26.29	52,580.00
206	CEMENT CONC. CURB AND GUTTER	5500 LF	20.00	110,000.00	15.00	82,500.00	14.65	80,575.00	25.10	138,050.00
207	TREE WELL	44 EA	500.00	22,000.00	262.00	11,528.00	261.35	11,499.40	240.00	10,560.00
208	TREE GRATE	44 EA	1,400.00	61,600.00	2,100.00	92,400.00	2,195.00	96,580.00	2,650.00	116,600.00
209	CEMENT CONCRETE DRIVEWAY	1050 SY	50.00	52,500.00	45.00	47,250.00	44.25	46,462.50	58.56	61,488.00
210	CEMENT CONCRETE DRIVEWAY TRANSITION	60 SY	50.00	3,000.00	45.00	2,700.00	43.90	2,634.00	48.40	2,904.00
211	CHANNELIZING DEVICES	25 EA	75.00	1,875.00	250.00	6,250.00	224.75	5,618.75	284.00	7,100.00
212	MODIFIY FENCING	1 LS	*****	5,000.00	*****	6,000.00	*****	6,125.00	*****	7,000.00



<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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					
213	MONUMENT FRAME AND COVER	17 EA	550.00	9,350.00	420.00	7,140.00	439.00	7,463.00	435.00	7,395.00
214	CEMENT CONC. SIDEWALK	6500 SY	35.00	227,500.00	37.00	240,500.00	36.60	237,900.00	48.40	314,600.00
215	STAMPED CONCRETE STREET NAME	56 EA	150.00	8,400.00	240.00	13,440.00	221.00	12,376.00	402.00	22,512.00
216	RAMP DETECTABLE WARNING	1100 SF	22.00	24,200.00	22.00	24,200.00	21.00	23,100.00	26.29	28,919.00
217	ILLUMINATION CONDUIT SYSTEM, CHELAN PHASE 2	1 LS	*****	45,000.00	*****	70,000.00	*****	63,556.00	*****	70,800.00
218	ILLUMINATION SYSTEM, CHELAN PHASE 2	1 LS	*****	115,000.00	*****	68,000.00	*****	61,675.00	*****	68,800.00
219	ILLUMINATION CONDUIT SYSTEM, FREDERICK	1 LS	*****	75,000.00	*****	112,000.00	*****	105,369.00	*****	117,500.00
220	ILLUMINATION SYSTEM, FREDERICK	1 LS	*****	270,000.00	*****	122,800.00	*****	113,706.00	*****	126,750.00
221	ILLUMINATION CONDUIT SYSTEM, CORA	1 LS	*****	60,000.00	*****	88,000.00	*****	82,685.00	*****	92,200.00
222	ILLUMINATION SYSTEM, CORA	1 LS	*****	85,000.00	*****	105,000.00	*****	99,412.00	*****	110,825.00
223	PEDESTRIAN CROSSING BEACON SYSTEM	1 LS	*****	30,000.00	*****	35,000.00	*****	33,660.00	*****	37,525.00
224	TEMPORARY INTERSECTION LIGHTING SYSTEM	1 LS	*****	140,000.00	*****	75,000.00	*****	40,425.00	*****	90,000.00
225	SIGNING, PERMANENT	1 LS	*****	25,000.00	*****	17,500.00	*****	18,136.00	*****	19,500.00
226	SPECIAL BUSINESS SIGNS	410 SF	30.00	12,300.00	20.00	8,200.00	21.00	8,610.00	18.00	7,380.00
227	TEMPORARY SIGNS, POST STREET	1 LS	*****	7,000.00	*****	6,553.00	*****	2,615.00	*****	6,900.00
228	REMOVAL OF EXISTING PAVEMENT MARKINGS	400 SF	4.50	1,800.00	4.40	1,760.00	3.50	1,400.00	4.72	1,888.00
229	PAVEMENT MARKING - DURABLE HEAT APPLIED	466 SF	10.00	4,660.00	9.00	4,194.00	8.40	3,914.40	10.00	4,660.00
230	PAVEMENT MARKING - DURABLE INLAY TAPE	2541 SF	10.00	25,410.00	7.60	19,311.60	8.00	20,328.00	8.50	21,598.50
231	PAVEMENT MARKING - PAINT, MONROE	485 SF	1.00	485.00	2.00	970.00	3.10	1,503.50	2.20	1,067.00

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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					
232	PAVEMENT MARKING - PAINT POST	130 SF	1.00	130.00	6.25	812.50	3.10	403.00	7.00	910.00
233	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	8 EA	200.00	1,600.00	130.00	1,040.00	209.00	1,672.00	145.00	1,160.00
234	TEMPORARY PAVEMENT MARKING	1 LS	*****	7,000.00	*****	4,604.00	*****	5,540.00	*****	4,900.00
235	ROCK RETAINING WALL	500 SF	30.00	15,000.00	20.00	10,000.00	21.00	10,500.00	23.32	11,660.00
236	CEMENT CONCRETE STEPS	6 EA	500.00	3,000.00	530.00	3,180.00	520.00	3,120.00	240.00	1,440.00
237	PERVIOUS CONCRETE PAVEMENT - 4 IN THICK	360 SY	50.00	18,000.00	160.00	57,600.00	220.00	79,200.00	108.00	38,880.00
238	CURB KNOB	350 EA	15.00	5,250.00	31.00	10,850.00	31.30	10,955.00	46.00	16,100.00
239	BIKE RACK	7 EA	400.00	2,800.00	1,250.00	8,750.00	1,320.00	9,240.00	1,465.00	10,255.00
240	Not Used	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
241	Not Used	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
242	CONNECT 8 IN. DIAM. STORM PIPE TO EXISTING STORM PIPE	1 EA	600.00	600.00	452.00	452.00	494.00	494.00	660.00	660.00
243	CEMENT CONCRETE DRIVEWAY - HIGH EARLY STRENGTH	250 SY	115.00	28,750.00	54.00	13,500.00	52.50	13,125.00	57.50	14,375.00
244	CEMENT CONCRETE DRIVEWAY TRANSITION - HIGH EARLY STRENGTH	40 SY	115.00	4,600.00	54.00	2,160.00	52.50	2,100.00	48.00	1,920.00
<b>Schedule Totals</b>				4,909,315.00		4,548,357.10		4,546,379.90		4,686,165.50

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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 03 WATER IMPROVEMENTS</i>					Sales tax shall NOT be included in unit prices					
301	POTHOLING	32 EA	250.00	8,000.00	150.00	4,800.00	156.80	5,017.60	340.00	10,880.00
302	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	3 EA	500.00	1,500.00	400.00	1,200.00	420.00	1,260.00	520.00	1,560.00
303	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 3 INCH THICK	20 SY	35.00	700.00	50.00	1,000.00	45.00	900.00	54.00	1,080.00
304	PAVEMENT REPAIR EXCAVATION INCL. HAUL	20 SY	30.00	600.00	27.50	550.00	62.00	1,240.00	64.00	1,280.00
305	VALVE BOX AND COVER	20 EA	400.00	8,000.00	520.00	10,400.00	550.00	11,000.00	410.00	8,200.00
306	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	20 CY	18.00	360.00	10.00	200.00	10.45	209.00	32.00	640.00
307	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	20 CY	25.00	500.00	10.00	200.00	10.45	209.00	48.00	960.00
308	IMPORTED BACKFILL	20 CY	20.00	400.00	20.00	400.00	21.00	420.00	34.00	680.00
309	TRENCH SAFETY SYSTEM	1 LS	*****	3,500.00	*****	3,200.00	*****	3,345.00	*****	700.00
310	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	4,500.00	*****	1,200.00	*****	1,250.00	*****	700.00
311	ENCASE WATER/SEWER AT CROSSINGS	2 EA	500.00	1,000.00	1,000.00	2,000.00	1,045.00	2,090.00	365.00	730.00
312	D.I. PIPE FOR WATER MAIN 6 IN DIAM	835 LF	50.00	41,750.00	48.00	40,080.00	60.00	50,100.00	70.40	58,784.00
313	D.I. PIPE FOR WATER MAIN 12 IN DIAM	39 LF	65.00	2,535.00	250.00	9,750.00	287.50	11,212.50	185.00	7,215.00
314	D.I. PIPE FOR WATER MAIN 18 IN DIAM	79 LF	105.00	8,295.00	175.00	13,825.00	220.00	17,380.00	215.00	16,985.00
315	BLOWOFF ASSEMBLY	2 EA	5,500.00	11,000.00	11,500.00	23,000.00	12,962.00	25,924.00	12,300.00	24,600.00
316	GATE VALVE 6 IN.	12 EA	1,800.00	21,600.00	1,150.00	13,800.00	1,306.00	15,672.00	1,300.00	15,600.00
317	GATE VALVE 12 IN.	1 EA	3,000.00	3,000.00	1,228.00	1,228.00	1,568.00	1,568.00	2,900.00	2,900.00
318	TRENCH EXCAVATION FOR WATER SERVICE TAP	150 LF	30.00	4,500.00	22.40	3,360.00	23.50	3,525.00	23.66	3,549.00
319	REMOVE EXISTING >12 IN DIAM PIPE	118 LF	30.00	3,540.00	10.00	1,180.00	11.00	1,298.00	8.50	1,003.00

<b>Project Number: 2017145</b>			<b>Engineer's Estimate</b>		L & L Cargile Inc		Inland Asphalt Company		DW Excavating, 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</i>	<i>03</i>	WATER IMPROVEMENTS			Sales tax shall NOT be included in unit prices					
<i>Schedule Totals</i>				125,280.00	131,373.00	153,620.10	158,046.00			

**Project Number**

**2017145**

**Monroe 2 - Grace Ave to Kiernan Ave**

**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>	4,909,315.00	0.00	125,280.00	0.00	0.00	0.00	0.00	0.00	5,034,595.00
Red Diamond Construc	4,312,725.50	0.00	176,170.20	0.00	0.00	0.00	0.00	0.00	4,488,895.70
Murphy Brothers Inc	4,418,372.00	0.00	170,653.25	0.00	0.00	0.00	0.00	0.00	4,589,025.25
Cameron-Reilly	4,554,468.80	0.00	124,945.00	0.00	0.00	0.00	0.00	0.00	4,679,413.80
L & L Cargile Inc	4,548,357.10	0.00	131,373.00	0.00	0.00	0.00	0.00	0.00	4,679,730.10
Inland Asphalt Compan	4,546,379.90	0.00	153,620.10	0.00	0.00	0.00	0.00	0.00	4,700,000.00
DW Excavating, Inc.	4,686,165.50	0.00	158,046.00	0.00	0.00	0.00	0.00	0.00	4,844,211.50

**Low Bid Contractor:** Red Diamond Construction Inc

	<b>Contractor's Bid</b>	<b>Engineer's Estimate</b>	<b>% Variance</b>	
<b>Schedule 01</b>	\$4,312,725.50	\$4,909,315.00	12.15	% Under Estimate
<b>Schedule 03</b>	\$191,673.18	\$136,304.64	40.62	% Over Estimate
<b>Bid Totals</b>	\$4,504,398.68	\$5,045,619.64	10.73	% Under Estimate