

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

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

**Project Number:** 2012086

**Project Description** Euclid Ave. From Mayfair St. To Crestline St. Water  
**Funding Source** Main Replacement  
 Local

**Original Date** 4/19/2013 8:48:13 AM

**Update Date** 5/6/2013 2:36:41 PM

**Preparer** Jonathan Adams

**Addendum**

<b>Project Number:</b> 2012086			<b>Engineer's Estimate</b>		N & N Excavation LLC		Halme Construction 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>

**Schedule Description**

**Tax Classification**

**Schedule 01**

Common Items

Public Street Improvement

101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
102	SPCC PLAN	1	LS	*****	400.00	*****	300.00	*****	330.00	*****	50.00
103	PUBLIC LIAISON REPRESENTATIVE	1	LS	*****	8,000.00	*****	3,500.00	*****	3,350.00	*****	10,591.00
104	REFERENCE AND REESTABLISH SURVEY MONUMENT	13	EA	325.00	4,225.00	400.00	5,200.00	375.00	4,875.00	375.00	4,875.00
105	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1	LS	*****	1,000.00	*****	1,500.00	*****	55.00	*****	300.00
106	MOBILIZATION	1	LS	*****	132,000.00	*****	119,000.00	*****	73,000.00	*****	92,309.00
107	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	*****	50,000.00	*****	16,700.00	*****	26,000.00	*****	51,000.00
108	SPECIAL SIGNS	205	SF	20.00	4,100.00	10.00	2,050.00	10.75	2,203.75	11.00	2,255.00
109	SEQUENTIAL ARROW SIGN	1200	HR	4.25	5,100.00	1.25	1,500.00	1.35	1,620.00	1.30	1,560.00
110	TYPE III BARRICADE	38	EA	75.00	2,850.00	26.31	999.78	26.80	1,018.40	25.00	950.00
<b>Schedule Totals</b>					207,676.00		150,750.78		112,453.15		163,891.00

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		N & N Excavation LLC		Halme Construction 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 02</i> Water				Not Public Street Improvement						
201	POTHOLING	16 EA	300.00	4,800.00	262.50	4,200.00	315.00	5,040.00	100.00	1,600.00
202	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	5,000.00	*****	1,575.00	*****	1,700.00	*****	3,200.00
203	REMOVE EXISTING CURB	200 LF	3.00	600.00	3.15	630.00	5.30	1,060.00	3.50	700.00
204	REMOVE EXISTING CURB AND GUTTER	80 LF	5.00	400.00	3.67	293.60	5.30	424.00	6.00	480.00
205	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	105 SY	5.50	577.50	4.72	495.60	6.05	635.25	8.25	866.25
206	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	8 EA	300.00	2,400.00	262.50	2,100.00	210.00	1,680.00	280.00	2,240.00
207	SAWCUTTING CURB	8 EA	16.00	128.00	42.00	336.00	27.50	220.00	20.00	160.00
208	SAWCUTTING RIGID PAVEMENT	80 LFI	1.00	80.00	1.16	92.80	1.10	88.00	1.00	80.00
209	SAWCUTTING FLEXIBLE PAVEMENT	40800 LFI	0.30	12,240.00	0.21	8,568.00	0.22	8,976.00	0.30	12,240.00
210	PREPARATION OF UNTREATED ROADWAY	11355 SY	1.00	11,355.00	1.05	11,922.75	0.32	3,633.60	1.45	16,464.75
211	CRUSHED SURFACING TOP COURSE	1195 CY	30.00	35,850.00	29.40	35,133.00	17.50	20,912.50	35.00	41,825.00
212	CRUSHED SURFACING BASE COURSE	132 CY	25.00	3,300.00	27.30	3,603.60	40.65	5,365.80	35.00	4,620.00
213	CSTC FOR SIDEWALK AND DRIVEWAYS	6 CY	25.00	150.00	21.00	126.00	61.00	366.00	30.00	180.00
214	HMA CL. 1/2 IN. PG 64-28, 2 INCH THICK	5411 SY	8.00	43,288.00	6.98	37,768.78	7.13	38,580.43	7.25	39,229.75
215	HMA CL. 1/2 IN. PG 64-28, 4 INCH THICK	4755 SY	13.75	65,381.25	13.80	65,619.00	14.10	67,045.50	14.33	68,139.15
216	HMA CL. 1/2 IN. PG 70-28, 4 INCH THICK	1189 SY	18.50	21,996.50	14.50	17,240.50	15.00	17,835.00	15.20	18,072.80
217	SOIL RESIDUAL HERBICIDE	11355 SY	0.15	1,703.25	0.16	1,816.80	0.16	1,816.80	0.16	1,816.80
218	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
219	COMPACTION PRICE ADJUSTMENT	1 EST	2,550.00	2,550.00	2,550.00	2,550.00	2,550.00	2,550.00	2,550.00	2,550.00

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<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 02</i> Water				Not Public Street Improvement						
220	CEMENT CONCRETE CURB WALL	20 LF	45.00	900.00	42.00	840.00	42.90	858.00	45.75	915.00
221	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	14 EA	250.00	3,500.00	175.00	2,450.00	200.00	2,800.00	305.00	4,270.00
222	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, CLEANOUT OR INLET IN ASPHALT	3 EA	350.00	1,050.00	250.00	750.00	380.00	1,140.00	536.00	1,608.00
223	VALVE BOX AND COVER	3 EA	375.00	1,125.00	150.00	450.00	81.00	243.00	350.00	1,050.00
224	CLEAN EXISTING SANITARY SEWERS	19 EA	140.00	2,660.00	150.00	2,850.00	135.00	2,565.00	164.00	3,116.00
225	D.I. PIPE FOR WATER MAIN 30 IN. DIAM.	7747 LF	150.00	#####	111.00	859,917.00	121.80	943,584.60	121.50	941,260.50
226	D.I. PIPE FOR WATER MAIN 12 IN. DIAM.	395 LF	50.00	19,750.00	52.00	20,540.00	47.25	18,663.75	49.50	19,552.50
227	D.I. PIPE FOR WATER MAIN 6 IN. DIAM.	2380 LF	45.00	107,100.00	31.00	73,780.00	24.00	57,120.00	25.20	59,976.00
228	36 IN. D.I. PIPE AND FITTINGS FOR WATER MAIN CONNECTION AT STA. 43+00	1 LS	*****	50,000.00	*****	22,000.00	*****	19,200.00	*****	17,733.00
229	24 IN. D.I. PIPE AND FITTINGS FOR WATER MAIN CONNECTION AT NAPA ST. AND NORTH FOOTHILLS DR.	1 LS	*****	10,000.00	*****	15,000.00	*****	9,230.00	*****	3,855.00
230	TRENCH SAFETY SYSTEM	1 LS	*****	1,500.00	*****	2,000.00	*****	0.01	*****	8,000.00
231	IMPORTED OR SCREENED NATIVE BEDDING	10522 LF	2.50	26,305.00	1.00	10,522.00	0.01	105.22	0.10	1,052.20
232	BLOWOFF ASSEMBLY (Y-103)	6 EA	3,200.00	19,200.00	5,246.00	31,476.00	3,890.00	23,340.00	6,016.00	36,096.00
233	SHARED BLOWOFF PIPING (4 INCH)	5 EA	75.00	375.00	4,200.00	21,000.00	2,100.00	10,500.00	2,375.00	11,875.00
234	CATCH BASIN SEWER PIPE 8 IN. DIAM.	20 LF	25.00	500.00	23.00	460.00	29.50	590.00	20.00	400.00
235	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	70 LF	38.00	2,660.00	34.00	2,380.00	38.00	2,660.00	27.00	1,890.00
236	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	6 EA	500.00	3,000.00	400.00	2,400.00	400.00	2,400.00	341.00	2,046.00

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<i>Schedule 02</i> Water				Not Public Street Improvement						
237	SIDE SEWER CLEANING AND VIDEO INSPECTION	4 EA	750.00	3,000.00	250.00	1,000.00	380.00	1,520.00	325.00	1,300.00
238	REMOVAL OF EXISTING 28 IN. DIAM. WATER MAIN	4035 LF	10.00	40,350.00	4.00	16,140.00	3.00	12,105.00	4.00	16,140.00
239	REMOVAL OF EXISTING 12 IN. DIAM. WATER MAIN	395 LF	7.00	2,765.00	4.00	1,580.00	3.00	1,185.00	3.00	1,185.00
240	REMOVAL OF EXISTING 6 IN. DIAM. WATER MAIN	2380 LF	4.00	9,520.00	2.50	5,950.00	3.00	7,140.00	3.00	7,140.00
241	CUT AND PLUG EXISTING 28 IN. DIAM. WATER MAIN	4 EA	300.00	1,200.00	100.00	400.00	220.00	880.00	125.00	500.00
242	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	8,000.00	*****	500.00	*****	1,000.00	*****	1,200.00
243	GATE VALVE 6 IN.	4 EA	1,000.00	4,000.00	750.00	3,000.00	730.00	2,920.00	1,085.00	4,340.00
244	GATE VALVE 12 IN.	3 EA	2,200.00	6,600.00	1,930.00	5,790.00	1,865.00	5,595.00	2,230.00	6,690.00
245	BUTTERFLY VALVE 36 IN.	1 EA	9,000.00	9,000.00	10,200.00	10,200.00	12,170.00	12,170.00	12,033.00	12,033.00
246	BUTTERFLY VALVE 30 IN.	7 EA	8,000.00	56,000.00	7,600.00	53,200.00	10,050.00	70,350.00	9,870.00	69,090.00
247	CHECK VALVE 12 IN.	1 EA	2,500.00	2,500.00	1,600.00	1,600.00	1,480.00	1,480.00	1,522.00	1,522.00
248	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY	7 EA	2,000.00	14,000.00	950.00	6,650.00	2,360.00	16,520.00	2,700.00	18,900.00
249	HYDRANT ASSEMBLY	2 EA	3,500.00	7,000.00	3,538.75	7,077.50	3,730.00	7,460.00	3,700.00	7,400.00
250	ESC LEAD	1 LS	*****	1,000.00	*****	300.00	*****	670.00	*****	100.00
251	INLET PROTECTION	66 EA	75.00	4,950.00	50.00	3,300.00	59.00	3,894.00	75.00	4,950.00
252	TOPSOIL TYPE A, 2 INCH THICK	110 SY	4.00	440.00	2.50	275.00	4.30	473.00	4.40	484.00
253	SOD INSTALLATION	110 SY	7.50	825.00	7.50	825.00	8.35	918.50	8.40	924.00
254	CEMENT CONCRETE CURB	200 LF	16.00	3,200.00	17.85	3,570.00	21.20	4,240.00	18.00	3,600.00
255	CEMENT CONC. CURB AND GUTTER	80 LF	22.00	1,760.00	25.20	2,016.00	28.75	2,300.00	25.75	2,060.00

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<i>Schedule 02</i> Water				Not Public Street Improvement						
256	CEMENT CONCRETE DRIVEWAY	25 SY	40.00	1,000.00	44.10	1,102.50	50.10	1,252.50	49.00	1,225.00
257	MONUMENT FRAME AND COVER	1 EA	300.00	300.00	330.00	330.00	443.00	443.00	337.00	337.00
258	CEMENT CONC. SIDEWALK	80 SY	34.00	2,720.00	37.80	3,024.00	43.70	3,496.00	35.00	2,800.00
259	RAMP DETECTABLE WARNING	18 SF	21.00	378.00	21.00	378.00	21.45	386.10	22.00	396.00
260	REINFORCED DOWELED CURB	475 LF	18.00	8,550.00	9.98	4,740.50	10.20	4,845.00	9.00	4,275.00
261	TRAFFIC ISLAND CONCRETE	75 SY	30.00	2,250.00	37.80	2,835.00	38.60	2,895.00	37.00	2,775.00
<b>Schedule Totals</b>				1,814,781.50		1,398,668.93		1,439,065.56		1,500,524.70

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<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 03</i> Street (Bond)				Public Street Improvement						
301	CLEARING AND GRUBBING	1 LS	*****	2,500.00	*****	3,588.30	*****	1,000.00	*****	500.00
302	REMOVE EXISTING CURB	1200 LF	3.00	3,600.00	3.50	4,200.00	5.30	6,360.00	3.50	4,200.00
303	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	600 SY	5.50	3,300.00	5.50	3,300.00	6.00	3,600.00	8.25	4,950.00
304	SAWCUTTING CURB	78 EA	16.00	1,248.00	42.00	3,276.00	27.50	2,145.00	20.00	1,560.00
305	SAWCUTTING RIGID PAVEMENT	1300 LFI	1.00	1,300.00	0.84	1,092.00	1.10	1,430.00	1.00	1,300.00
306	SAWCUTTING FLEXIBLE PAVEMENT	6035 LFI	0.30	1,810.50	0.40	2,414.00	0.22	1,327.70	0.30	1,810.50
307	ROADWAY EXCAVATION INCL. HAUL	490 CY	9.50	4,655.00	11.00	5,390.00	16.00	7,840.00	15.00	7,350.00
308	PREPARATION OF UNTREATED ROADWAY	3530 SY	1.00	3,530.00	1.20	4,236.00	0.48	1,694.40	1.45	5,118.50
309	CRUSHED SURFACING TOP COURSE	392 CY	30.00	11,760.00	30.00	11,760.00	39.90	15,640.80	35.00	13,720.00
310	CSTC FOR SIDEWALK AND DRIVEWAYS	40 CY	25.00	1,000.00	22.00	880.00	52.00	2,080.00	30.00	1,200.00
311	HMA CL. 1/2 IN. PG 64-28, 2 INCH THICK	12960 SY	7.40	95,904.00	7.51	97,329.60	7.65	99,144.00	7.75	100,440.00
312	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	3530 SY	10.00	35,300.00	10.50	37,065.00	10.75	37,947.50	10.90	38,477.00
313	HMA CL. 1/2 IN. PG 70-28, 2 INCH THICK	3635 SY	8.00	29,080.00	7.67	27,880.45	7.80	28,353.00	8.00	29,080.00
314	HMA FOR PRELEVELING CL. 3/8 IN. PG 64-28	170 TO	77.00	13,090.00	75.60	12,852.00	77.20	13,124.00	78.00	13,260.00
315	HMA FOR FEATHERING CL. 3/8 IN. PG 64-28	75 TO	150.00	11,250.00	141.75	10,631.25	145.00	10,875.00	146.00	10,950.00
316	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 2 INCH THICK	780 SY	18.00	14,040.00	14.18	11,060.40	14.50	11,310.00	14.70	11,466.00
317	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 70-28, 4 INCH THICK	252 SY	28.00	7,056.00	29.40	7,408.80	30.00	7,560.00	30.50	7,686.00
318	HMA FOR TRANSITION, CL. 1/2 IN. PG 64-28, 2 INCH THICK	18 SY	85.00	1,530.00	36.75	661.50	37.50	675.00	38.00	684.00
319	CRACK SEALING 1-INCH TO 3-INCH	9100 LF	1.25	11,375.00	1.95	17,745.00	1.37	12,467.00	2.00	18,200.00

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<i>Schedule 03</i> Street (Bond)				Public Street Improvement						
320	SOIL RESIDUAL HERBICIDE	3530 SY	0.15	529.50	0.16	564.80	0.16	564.80	0.16	564.80
321	PAVEMENT REPAIR EXCAVATION INCL. HAUL	1025 SY	6.00	6,150.00	7.25	7,431.25	20.00	20,500.00	25.00	25,625.00
322	PLANING BITUMINOUS PAVEMENT	9995 SY	2.50	24,987.50	2.41	24,087.95	0.90	8,995.50	2.70	26,986.50
323	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
324	COMPACTION PRICE ADJUSTMENT	1 EST	3,205.00	3,205.00	3,205.00	3,205.00	3,205.00	3,205.00	3,205.00	3,205.00
325	ADJUST EXISTING VALVE BOX, MONUMENT, OR CLEANOUT IN ASPHALT	9 EA	250.00	2,250.00	225.00	2,025.00	200.00	1,800.00	305.00	2,745.00
326	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, CLEANOUT, OR INLET IN ASPHALT	2 EA	350.00	700.00	550.00	1,100.00	380.00	760.00	536.00	1,072.00
327	VALVE BOX AND COVER	3 EA	375.00	1,125.00	85.00	255.00	80.00	240.00	350.00	1,050.00
328	TOPSOIL TYPE A, 2 INCH THICK	300 SY	4.00	1,200.00	3.00	900.00	4.30	1,290.00	4.40	1,320.00
329	SOD INSTALLATION	300 SY	7.50	2,250.00	7.50	2,250.00	8.40	2,520.00	8.40	2,520.00
330	CEMENT CONCRETE CURB	325 LF	16.00	5,200.00	17.85	5,801.25	21.20	6,890.00	18.00	5,850.00
331	CEMENT CONC. CURB AND GUTTER	955 LF	22.00	21,010.00	25.20	24,066.00	28.75	27,456.25	25.75	24,591.25
332	CEMENT CONC. SIDEWALK	800 SY	34.00	27,200.00	37.80	30,240.00	43.70	34,960.00	35.00	28,000.00
333	RAMP DETECTABLE WARNING	312 SF	21.00	6,552.00	21.00	6,552.00	21.45	6,692.40	22.00	6,864.00
334	SIGNING, PERMANENT	1 LS	*****	9,000.00	*****	13,697.25	*****	10,385.00	*****	10,894.00
335	PAVEMENT MARKING - DURABLE HEAT APPLIED	113 SF	10.00	1,130.00	11.03	1,246.39	9.65	1,090.45	11.40	1,288.20
336	PAVEMENT MARKING - DURABLE INLAY TAPE	245 SF	10.00	2,450.00	10.19	2,496.55	11.55	2,829.75	10.50	2,572.50
<b>Schedule Totals</b>				368,266.50		388,687.74		394,751.55		417,099.25

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<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 04 Sewer</i>				<i>Public Street Improvement</i>						
401	POTHOLING	4 EA	300.00	1,200.00	250.00	1,000.00	315.00	1,260.00	100.00	400.00
402	REMOVE EXISTING CURB	35 LF	3.00	105.00	4.00	140.00	5.30	185.50	3.50	122.50
403	REMOVE EXISTING CURB AND GUTTER	15 LF	5.00	75.00	5.00	75.00	5.30	79.50	6.00	90.00
404	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	15 SY	5.50	82.50	5.00	75.00	6.00	90.00	8.25	123.75
405	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	7 EA	300.00	2,100.00	250.00	1,750.00	210.00	1,470.00	280.00	1,960.00
406	SAWCUTTING CURB	4 EA	16.00	64.00	44.10	176.40	27.40	109.60	20.00	80.00
407	SAWCUTTING RIGID PAVEMENT	40 LFI	1.00	40.00	1.16	46.40	1.10	44.00	1.00	40.00
408	SAWCUTTING FLEXIBLE PAVEMENT	1600 LFI	0.30	480.00	0.21	336.00	0.22	352.00	0.30	480.00
409	CSTC FOR SIDEWALK AND DRIVEWAYS	0.5 CY	25.00	12.50	40.00	20.00	61.00	30.50	30.00	15.00
410	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 2 INCH THICK	95 SY	18.00	1,710.00	16.80	1,596.00	17.15	1,629.25	17.00	1,615.00
411	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 4 INCH THICK	60 SY	25.00	1,500.00	32.55	1,953.00	33.25	1,995.00	33.50	2,010.00
412	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 70-28, 4 INCH THICK	27 SY	28.00	756.00	33.60	907.20	34.30	926.10	35.00	945.00
413	PAVEMENT REPAIR EXCAVATION INCL. HAUL	182 SY	6.00	1,092.00	7.00	1,274.00	20.00	3,640.00	25.75	4,686.50
414	CATCH BASIN TYPE 1	5 EA	1,700.00	8,500.00	1,700.00	8,500.00	1,665.00	8,325.00	1,855.00	9,275.00
415	CATCH BASIN TYPE 3	1 EA	1,900.00	1,900.00	1,800.00	1,800.00	1,700.00	1,700.00	1,866.00	1,866.00
416	CATCH BASIN WSDOT TYPE 1	1 EA	2,200.00	2,200.00	750.00	750.00	1,200.00	1,200.00	1,404.00	1,404.00
417	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	1 EA	550.00	550.00	350.00	350.00	480.00	480.00	858.00	858.00
418	MANHOLE OR DRYWELL FRAME AND COVER (STANDARD)	20 EA	650.00	13,000.00	300.00	6,000.00	420.00	8,400.00	536.00	10,720.00



<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		N & N Excavation LLC		Halme Construction 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 04 Sewer</i>				<i>Public Street Improvement</i>						
419	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	5 EA	650.00	3,250.00	330.00	1,650.00	455.00	2,275.00	804.00	4,020.00
420	CLEANING EXISTING DRAINAGE STRUCTURE	28 EA	140.00	3,920.00	75.00	2,100.00	93.00	2,604.00	82.00	2,296.00
421	TRENCH SAFETY SYSTEM	1 LS	*****	750.00	*****	3,000.00	*****	0.01	*****	400.00
422	PLUGGING EXISTING PIPE	2 EA	100.00	200.00	100.00	200.00	105.00	210.00	50.00	100.00
423	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	1,000.00	*****	500.00	*****	630.00	*****	1,200.00
424	CATCH BASIN SEWER PIPE 8 IN. DIAM.	80 LF	25.00	2,000.00	22.00	1,760.00	27.00	2,160.00	20.50	1,640.00
425	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	315 LF	38.00	11,970.00	34.00	10,710.00	34.60	10,899.00	27.20	8,568.00
426	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	6 EA	300.00	1,800.00	275.00	1,650.00	325.00	1,950.00	325.00	1,950.00
427	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	1 EA	500.00	500.00	300.00	300.00	400.00	400.00	341.00	341.00
428	SANITARY SEWER PIPE REPAIR 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	10 LF	200.00	2,000.00	45.00	450.00	128.00	1,280.00	230.00	2,300.00
429	CEMENT CONCRETE CURB	35 LF	16.00	560.00	17.85	624.75	21.20	742.00	18.00	630.00
430	CEMENT CONC. CURB AND GUTTER	15 LF	22.00	330.00	25.20	378.00	28.75	431.25	25.75	386.25
431	CEMENT CONC. SIDEWALK	15 SY	34.00	510.00	37.80	567.00	43.70	655.50	35.00	525.00
<b>Schedule Totals</b>				<b>64,157.00</b>		<b>50,638.75</b>		<b>56,153.21</b>		<b>61,047.00</b>

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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> Common Items			Public Street Improvement							
101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
102	SPCC PLAN	1 LS	*****	400.00	*****	500.00	*****	700.00	*****	0.00
103	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	8,000.00	*****	10,000.00	*****	8,500.00	*****	0.00
104	REFERENCE AND REESTABLISH SURVEY MONUMENT	13 EA	325.00	4,225.00	400.00	5,200.00	400.00	5,200.00	0.00	0.00
105	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	1,000.00	*****	150.00	*****	700.00	*****	0.00
106	MOBILIZATION	1 LS	*****	132,000.00	*****	100,000.00	*****	110,000.00	*****	0.00
107	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	50,000.00	*****	45,000.00	*****	68,000.00	*****	0.00
108	SPECIAL SIGNS	205 SF	20.00	4,100.00	15.00	3,075.00	13.00	2,665.00	0.00	0.00
109	SEQUENTIAL ARROW SIGN	1200 HR	4.25	5,100.00	1.75	2,100.00	3.00	3,600.00	0.00	0.00
110	TYPE III BARRICADE	38 EA	75.00	2,850.00	50.00	1,900.00	60.00	2,280.00	0.00	0.00
<i>Schedule Totals</i>				207,676.00		167,926.00		201,646.00		0.00

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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 02</i> Water				Not Public Street Improvement						
201	POTHOLING	16 EA	300.00	4,800.00	300.00	4,800.00	275.00	4,400.00	0.00	0.00
202	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	5,000.00	*****	6,000.00	*****	14,800.00	*****	0.00
203	REMOVE EXISTING CURB	200 LF	3.00	600.00	7.00	1,400.00	8.00	1,600.00	0.00	0.00
204	REMOVE EXISTING CURB AND GUTTER	80 LF	5.00	400.00	8.00	640.00	10.00	800.00	0.00	0.00
205	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	105 SY	5.50	577.50	7.00	735.00	9.00	945.00	0.00	0.00
206	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	8 EA	300.00	2,400.00	300.00	2,400.00	400.00	3,200.00	0.00	0.00
207	SAWCUTTING CURB	8 EA	16.00	128.00	21.00	168.00	65.00	520.00	0.00	0.00
208	SAWCUTTING RIGID PAVEMENT	80 LFI	1.00	80.00	1.00	80.00	3.00	240.00	0.00	0.00
209	SAWCUTTING FLEXIBLE PAVEMENT	40800 LFI	0.30	12,240.00	0.30	12,240.00	0.50	20,400.00	0.00	0.00
210	PREPARATION OF UNTREATED ROADWAY	11355 SY	1.00	11,355.00	2.15	24,413.25	1.65	18,735.75	0.00	0.00
211	CRUSHED SURFACING TOP COURSE	1195 CY	30.00	35,850.00	37.00	44,215.00	36.00	43,020.00	0.00	0.00
212	CRUSHED SURFACING BASE COURSE	132 CY	25.00	3,300.00	37.00	4,884.00	36.00	4,752.00	0.00	0.00
213	CSTC FOR SIDEWALK AND DRIVEWAYS	6 CY	25.00	150.00	22.00	132.00	60.00	360.00	0.00	0.00
214	HMA CL. 1/2 IN. PG 64-28, 2 INCH THICK	5411 SY	8.00	43,288.00	7.65	41,394.15	7.30	39,500.30	0.00	0.00
215	HMA CL. 1/2 IN. PG 64-28, 4 INCH THICK	4755 SY	13.75	65,381.25	15.50	73,702.50	14.40	68,472.00	0.00	0.00
216	HMA CL. 1/2 IN. PG 70-28, 4 INCH THICK	1189 SY	18.50	21,996.50	15.50	18,429.50	15.30	18,191.70	0.00	0.00
217	SOIL RESIDUAL HERBICIDE	11355 SY	0.15	1,703.25	0.20	2,271.00	0.15	1,703.25	0.00	0.00
218	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
219	COMPACTION PRICE ADJUSTMENT	1 EST	2,550.00	2,550.00	2,550.00	2,550.00	2,550.00	2,550.00	0.00	0.00

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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 02</b> Water				Not Public Street Improvement						
220	CEMENT CONCRETE CURB WALL	20 LF	45.00	900.00	40.00	800.00	60.00	1,200.00	0.00	0.00
221	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	14 EA	250.00	3,500.00	300.00	4,200.00	300.00	4,200.00	0.00	0.00
222	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, CLEANOUT OR INLET IN ASPHALT	3 EA	350.00	1,050.00	375.00	1,125.00	700.00	2,100.00	0.00	0.00
223	VALVE BOX AND COVER	3 EA	375.00	1,125.00	350.00	1,050.00	120.00	360.00	0.00	0.00
224	CLEAN EXISTING SANITARY SEWERS	19 EA	140.00	2,660.00	300.00	5,700.00	300.00	5,700.00	0.00	0.00
225	D.I. PIPE FOR WATER MAIN 30 IN. DIAM.	7747 LF	150.00	#####	125.00	968,375.00	120.00	929,640.00	0.00	0.00
226	D.I. PIPE FOR WATER MAIN 12 IN. DIAM.	395 LF	50.00	19,750.00	50.00	19,750.00	50.00	19,750.00	0.00	0.00
227	D.I. PIPE FOR WATER MAIN 6 IN. DIAM.	2380 LF	45.00	107,100.00	27.00	64,260.00	30.00	71,400.00	0.00	0.00
228	36 IN. D.I. PIPE AND FITTINGS FOR WATER MAIN CONNECTION AT STA. 43+00	1 LS	*****	50,000.00	*****	21,000.00	*****	24,000.00	*****	0.00
229	24 IN. D.I. PIPE AND FITTINGS FOR WATER MAIN CONNECTION AT NAPA ST. AND NORTH FOOTHILLS DR.	1 LS	*****	10,000.00	*****	9,000.00	*****	9,400.00	*****	0.00
230	TRENCH SAFETY SYSTEM	1 LS	*****	1,500.00	*****	1,500.00	*****	5,000.00	*****	0.00
231	IMPORTED OR SCREENED NATIVE BEDDING	10522 LF	2.50	26,305.00	3.75	39,457.50	3.00	31,566.00	0.00	0.00
232	BLOWOFF ASSEMBLY (Y-103)	6 EA	3,200.00	19,200.00	6,500.00	39,000.00	5,600.00	33,600.00	0.00	0.00
233	SHARED BLOWOFF PIPING (4 INCH)	5 EA	75.00	375.00	3,200.00	16,000.00	6,420.00	32,100.00	0.00	0.00
234	CATCH BASIN SEWER PIPE 8 IN. DIAM.	20 LF	25.00	500.00	25.00	500.00	40.00	800.00	0.00	0.00
235	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	70 LF	38.00	2,660.00	35.00	2,450.00	45.00	3,150.00	0.00	0.00
236	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	6 EA	500.00	3,000.00	500.00	3,000.00	850.00	5,100.00	0.00	0.00

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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 02</b>				<b>Not Public Street Improvement</b>						
Water										
237	SIDE SEWER CLEANING AND VIDEO INSPECTION	4 EA	750.00	3,000.00	375.00	1,500.00	800.00	3,200.00	0.00	0.00
238	REMOVAL OF EXISTING 28 IN. DIAM. WATER MAIN	4035 LF	10.00	40,350.00	12.00	48,420.00	6.00	24,210.00	0.00	0.00
239	REMOVAL OF EXISTING 12 IN. DIAM. WATER MAIN	395 LF	7.00	2,765.00	10.00	3,950.00	4.00	1,580.00	0.00	0.00
240	REMOVAL OF EXISTING 6 IN. DIAM. WATER MAIN	2380 LF	4.00	9,520.00	8.00	19,040.00	4.00	9,520.00	0.00	0.00
241	CUT AND PLUG EXISTING 28 IN. DIAM. WATER MAIN	4 EA	300.00	1,200.00	125.00	500.00	400.00	1,600.00	0.00	0.00
242	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	8,000.00	*****	500.00	*****	6,500.00	*****	0.00
243	GATE VALVE 6 IN.	4 EA	1,000.00	4,000.00	1,250.00	5,000.00	1,000.00	4,000.00	0.00	0.00
244	GATE VALVE 12 IN.	3 EA	2,200.00	6,600.00	2,250.00	6,750.00	2,400.00	7,200.00	0.00	0.00
245	BUTTERFLY VALVE 36 IN.	1 EA	9,000.00	9,000.00	12,000.00	12,000.00	16,000.00	16,000.00	0.00	0.00
246	BUTTERFLY VALVE 30 IN.	7 EA	8,000.00	56,000.00	10,000.00	70,000.00	13,000.00	91,000.00	0.00	0.00
247	CHECK VALVE 12 IN.	1 EA	2,500.00	2,500.00	2,500.00	2,500.00	2,000.00	2,000.00	0.00	0.00
248	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY	7 EA	2,000.00	14,000.00	3,250.00	22,750.00	1,400.00	9,800.00	0.00	0.00
249	HYDRANT ASSEMBLY	2 EA	3,500.00	7,000.00	4,500.00	9,000.00	5,000.00	10,000.00	0.00	0.00
250	ESC LEAD	1 LS	*****	1,000.00	*****	1,250.00	*****	5,700.00	*****	0.00
251	INLET PROTECTION	66 EA	75.00	4,950.00	100.00	6,600.00	60.00	3,960.00	0.00	0.00
252	TOPSOIL TYPE A, 2 INCH THICK	110 SY	4.00	440.00	4.00	440.00	12.00	1,320.00	0.00	0.00
253	SOD INSTALLATION	110 SY	7.50	825.00	8.00	880.00	20.00	2,200.00	0.00	0.00
254	CEMENT CONCRETE CURB	200 LF	16.00	3,200.00	18.00	3,600.00	20.00	4,000.00	0.00	0.00
255	CEMENT CONC. CURB AND GUTTER	80 LF	22.00	1,760.00	25.00	2,000.00	33.00	2,640.00	0.00	0.00

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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 02</i> Water				Not Public Street Improvement						
256	CEMENT CONCRETE DRIVEWAY	25 SY	40.00	1,000.00	44.00	1,100.00	70.00	1,750.00	0.00	0.00
257	MONUMENT FRAME AND COVER	1 EA	300.00	300.00	450.00	450.00	350.00	350.00	0.00	0.00
258	CEMENT CONC. SIDEWALK	80 SY	34.00	2,720.00	37.00	2,960.00	50.00	4,000.00	0.00	0.00
259	RAMP DETECTABLE WARNING	18 SF	21.00	378.00	20.00	360.00	25.00	450.00	0.00	0.00
260	REINFORCED DOWELED CURB	475 LF	18.00	8,550.00	10.00	4,750.00	10.00	4,750.00	0.00	0.00
261	TRAFFIC ISLAND CONCRETE	75 SY	30.00	2,250.00	37.00	2,775.00	31.00	2,325.00	0.00	0.00
<b>Schedule Totals</b>				1,814,781.50	1,666,695.90	1,643,310.00				0.00

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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</i> Street (Bond)				Public Street Improvement						
301	CLEARING AND GRUBBING	1 LS	*****	2,500.00	*****	5,000.00	*****	13,000.00	*****	0.00
302	REMOVE EXISTING CURB	1200 LF	3.00	3,600.00	6.00	7,200.00	8.00	9,600.00	0.00	0.00
303	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	600 SY	5.50	3,300.00	6.00	3,600.00	9.00	5,400.00	0.00	0.00
304	SAWCUTTING CURB	78 EA	16.00	1,248.00	21.00	1,638.00	65.00	5,070.00	0.00	0.00
305	SAWCUTTING RIGID PAVEMENT	1300 LFI	1.00	1,300.00	0.95	1,235.00	2.00	2,600.00	0.00	0.00
306	SAWCUTTING FLEXIBLE PAVEMENT	6035 LFI	0.30	1,810.50	0.30	1,810.50	0.50	3,017.50	0.00	0.00
307	ROADWAY EXCAVATION INCL. HAUL	490 CY	9.50	4,655.00	20.00	9,800.00	15.00	7,350.00	0.00	0.00
308	PREPARATION OF UNTREATED ROADWAY	3530 SY	1.00	3,530.00	1.25	4,412.50	1.65	5,824.50	0.00	0.00
309	CRUSHED SURFACING TOP COURSE	392 CY	30.00	11,760.00	37.00	14,504.00	36.00	14,112.00	0.00	0.00
310	CSTC FOR SIDEWALK AND DRIVEWAYS	40 CY	25.00	1,000.00	22.00	880.00	60.00	2,400.00	0.00	0.00
311	HMA CL. 1/2 IN. PG 64-28, 2 INCH THICK	12960 SY	7.40	95,904.00	7.25	93,960.00	7.80	101,088.00	0.00	0.00
312	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	3530 SY	10.00	35,300.00	10.75	37,947.50	10.85	38,300.50	0.00	0.00
313	HMA CL. 1/2 IN. PG 70-28, 2 INCH THICK	3635 SY	8.00	29,080.00	8.40	30,534.00	8.00	29,080.00	0.00	0.00
314	HMA FOR PRELEVELING CL. 3/8 IN. PG 64-28	170 TO	77.00	13,090.00	80.00	13,600.00	80.00	13,600.00	0.00	0.00
315	HMA FOR FEATHERING CL. 3/8 IN. PG 64-28	75 TO	150.00	11,250.00	150.00	11,250.00	150.00	11,250.00	0.00	0.00
316	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 2 INCH THICK	780 SY	18.00	14,040.00	12.00	9,360.00	14.70	11,466.00	0.00	0.00
317	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 70-28, 4 INCH THICK	252 SY	28.00	7,056.00	22.00	5,544.00	30.00	7,560.00	0.00	0.00
318	HMA FOR TRANSITION, CL. 1/2 IN. PG 64-28, 2 INCH THICK	18 SY	85.00	1,530.00	46.00	828.00	50.00	900.00	0.00	0.00
319	CRACK SEALING 1-INCH TO 3-INCH	9100 LF	1.25	11,375.00	2.00	18,200.00	2.00	18,200.00	0.00	0.00

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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</i> Street (Bond)				Public Street Improvement						
320	SOIL RESIDUAL HERBICIDE	3530 SY	0.15	529.50	0.20	706.00	0.15	529.50	0.00	0.00
321	PAVEMENT REPAIR EXCAVATION INCL. HAUL	1025 SY	6.00	6,150.00	18.00	18,450.00	7.00	7,175.00	0.00	0.00
322	PLANING BITUMINOUS PAVEMENT	9995 SY	2.50	24,987.50	3.75	37,481.25	3.20	31,984.00	0.00	0.00
323	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
324	COMPACTION PRICE ADJUSTMENT	1 EST	3,205.00	3,205.00	3,205.00	3,205.00	3,205.00	3,205.00	0.00	0.00
325	ADJUST EXISTING VALVE BOX, MONUMENT, OR CLEANOUT IN ASPHALT	9 EA	250.00	2,250.00	300.00	2,700.00	300.00	2,700.00	0.00	0.00
326	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, CLEANOUT, OR INLET IN ASPHALT	2 EA	350.00	700.00	400.00	800.00	700.00	1,400.00	0.00	0.00
327	VALVE BOX AND COVER	3 EA	375.00	1,125.00	325.00	975.00	120.00	360.00	0.00	0.00
328	TOPSOIL TYPE A, 2 INCH THICK	300 SY	4.00	1,200.00	4.25	1,275.00	10.00	3,000.00	0.00	0.00
329	SOD INSTALLATION	300 SY	7.50	2,250.00	8.00	2,400.00	10.00	3,000.00	0.00	0.00
330	CEMENT CONCRETE CURB	325 LF	16.00	5,200.00	18.00	5,850.00	20.00	6,500.00	0.00	0.00
331	CEMENT CONC. CURB AND GUTTER	955 LF	22.00	21,010.00	25.00	23,875.00	33.00	31,515.00	0.00	0.00
332	CEMENT CONC. SIDEWALK	800 SY	34.00	27,200.00	37.00	29,600.00	40.00	32,000.00	0.00	0.00
333	RAMP DETECTABLE WARNING	312 SF	21.00	6,552.00	21.00	6,552.00	25.00	7,800.00	0.00	0.00
334	SIGNING, PERMANENT	1 LS	*****	9,000.00	*****	10,000.00	*****	10,000.00	*****	0.00
335	PAVEMENT MARKING - DURABLE HEAT APPLIED	113 SF	10.00	1,130.00	9.25	1,045.25	10.00	1,130.00	0.00	0.00
336	PAVEMENT MARKING - DURABLE INLAY TAPE	245 SF	10.00	2,450.00	11.00	2,695.00	11.00	2,695.00	0.00	0.00
<b>Schedule Totals</b>				368,266.50		418,912.00		444,811.00		0.00



<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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 04 Sewer</i>				<i>Public Street Improvement</i>						
401	POTHOLING	4 EA	300.00	1,200.00	325.00	1,300.00	275.00	1,100.00	0.00	0.00
402	REMOVE EXISTING CURB	35 LF	3.00	105.00	10.00	350.00	8.00	280.00	0.00	0.00
403	REMOVE EXISTING CURB AND GUTTER	15 LF	5.00	75.00	10.00	150.00	10.00	150.00	0.00	0.00
404	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	15 SY	5.50	82.50	8.00	120.00	9.00	135.00	0.00	0.00
405	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	7 EA	300.00	2,100.00	400.00	2,800.00	500.00	3,500.00	0.00	0.00
406	SAWCUTTING CURB	4 EA	16.00	64.00	50.00	200.00	65.00	260.00	0.00	0.00
407	SAWCUTTING RIGID PAVEMENT	40 LFI	1.00	40.00	1.00	40.00	3.00	120.00	0.00	0.00
408	SAWCUTTING FLEXIBLE PAVEMENT	1600 LFI	0.30	480.00	0.30	480.00	0.50	800.00	0.00	0.00
409	CSTC FOR SIDEWALK AND DRIVEWAYS	0.5 CY	25.00	12.50	22.00	11.00	100.00	50.00	0.00	0.00
410	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 2 INCH THICK	95 SY	18.00	1,710.00	16.00	1,520.00	20.00	1,900.00	0.00	0.00
411	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 4 INCH THICK	60 SY	25.00	1,500.00	27.25	1,635.00	34.00	2,040.00	0.00	0.00
412	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 70-28, 4 INCH THICK	27 SY	28.00	756.00	36.00	972.00	36.00	972.00	0.00	0.00
413	PAVEMENT REPAIR EXCAVATION INCL. HAUL	182 SY	6.00	1,092.00	28.00	5,096.00	12.00	2,184.00	0.00	0.00
414	CATCH BASIN TYPE 1	5 EA	1,700.00	8,500.00	1,750.00	8,750.00	2,000.00	10,000.00	0.00	0.00
415	CATCH BASIN TYPE 3	1 EA	1,900.00	1,900.00	1,750.00	1,750.00	2,000.00	2,000.00	0.00	0.00
416	CATCH BASIN WSDOT TYPE 1	1 EA	2,200.00	2,200.00	1,350.00	1,350.00	2,000.00	2,000.00	0.00	0.00
417	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	1 EA	550.00	550.00	750.00	750.00	750.00	750.00	0.00	0.00
418	MANHOLE OR DRYWELL FRAME AND COVER (STANDARD)	20 EA	650.00	13,000.00	650.00	13,000.00	700.00	14,000.00	0.00	0.00

<b>Project Number: 2012086</b>			<b>Engineer's Estimate</b>		Murphy Brothers Inc		Red Diamond Construction 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 04 Sewer</i>				<i>Public Street Improvement</i>						
419	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	5 EA	650.00	3,250.00	700.00	3,500.00	700.00	3,500.00	0.00	0.00
420	CLEANING EXISTING DRAINAGE STRUCTURE	28 EA	140.00	3,920.00	250.00	7,000.00	125.00	3,500.00	0.00	0.00
421	TRENCH SAFETY SYSTEM	1 LS	*****	750.00	*****	550.00	*****	1,200.00	*****	0.00
422	PLUGGING EXISTING PIPE	2 EA	100.00	200.00	150.00	300.00	60.00	120.00	0.00	0.00
423	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	1,000.00	*****	550.00	*****	3,600.00	*****	0.00
424	CATCH BASIN SEWER PIPE 8 IN. DIAM.	80 LF	25.00	2,000.00	30.00	2,400.00	42.00	3,360.00	0.00	0.00
425	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	315 LF	38.00	11,970.00	35.00	11,025.00	46.00	14,490.00	0.00	0.00
426	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	6 EA	300.00	1,800.00	350.00	2,100.00	500.00	3,000.00	0.00	0.00
427	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	1 EA	500.00	500.00	350.00	350.00	1,000.00	1,000.00	0.00	0.00
428	SANITARY SEWER PIPE REPAIR 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	10 LF	200.00	2,000.00	275.00	2,750.00	200.00	2,000.00	0.00	0.00
429	CEMENT CONCRETE CURB	35 LF	16.00	560.00	18.00	630.00	20.00	700.00	0.00	0.00
430	CEMENT CONC. CURB AND GUTTER	15 LF	22.00	330.00	25.00	375.00	36.00	540.00	0.00	0.00
431	CEMENT CONC. SIDEWALK	15 SY	34.00	510.00	37.00	555.00	40.00	600.00	0.00	0.00
<b>Schedule Totals</b>				64,157.00		72,359.00		79,851.00		0.00

**Project Number**

**2012086**

**Euclid Ave. From Mayfair St. To Crestline St. Water Main Replacement**

**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>	207,676.00	1,814,781.50	368,266.50	64,157.00	0.00	0.00	0.00	0.00	2,454,881.00
N & N Excavation LLC	150,750.78	1,398,668.93	388,687.74	50,638.75	0.00	0.00	0.00	0.00	1,988,746.20
Halme Construction Inc	112,453.15	1,439,065.56	394,751.55	56,153.21	0.00	0.00	0.00	0.00	2,002,423.47
L & L Cargile Inc	163,891.00	1,500,524.70	417,099.25	61,047.00	0.00	0.00	0.00	0.00	2,142,561.95
Murphy Brothers Inc	167,926.00	1,666,695.90	418,912.00	72,359.00	0.00	0.00	0.00	0.00	2,325,892.90
Red Diamond Constructi	201,646.00	1,643,310.00	444,811.00	79,851.00	0.00	0.00	0.00	0.00	2,369,618.00

**Low Bid Contractor:** N & N Excavation LLC

	<b>Contractor's Bid</b>	<b>Engineer's Estimate</b>	<b>% Variance</b>	
<b>Schedule 01</b>	\$150,750.78	\$207,676.00	27.41	% Under Estimate
<b>Schedule 02</b>	\$1,520,353.12	\$1,972,667.49	22.93	% Under Estimate
<b>Schedule 03</b>	\$388,687.74	\$368,266.50	5.55	% Over Estimate
<b>Schedule 04</b>	\$50,638.75	\$64,157.00	21.07	% Under Estimate
<b>Bid Totals</b>	\$2,110,430.39	\$2,612,766.99	19.23	% Under Estimate