

City Of Spokane
Engineering Services Department

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

Project Number: 2000156

Project Description: Freya Street Bridge

Funding Source: Federal

Preparer: Adrian Barac

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Addendum:

Project Number: 2000156			Engineer's Estimate		Garco Construction Inc		Harcon Incorporated		Graham Construction & Management Inc	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description				Tax Classification						
Schedule 01 Common Items				Public Street Improvement						
101	TRAINING	800 HR	10.00	8,000.00	1.10	880.00	5.00	4,000.00	2.00	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	*****	2,500.00	*****	5,500.00	*****	5,000.00	*****	2,500.00
104	POTHOLING	1 EA	500.00	500.00	2,080.00	2,080.00	1,000.00	1,000.00	200.00	200.00
106	MOBILIZATION	1 LS	*****	900,000.00	*****	550,000.00	*****	670,000.00	*****	710,000.00
107	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	105,850.00	*****	31,200.00	*****	25,000.00	*****	25,000.00
108	SILT FENCE	2466 LF	4.00	9,864.00	3.64	8,976.24	3.00	7,398.00	3.00	7,398.00
109	STABILIZED CONSTRUCTION ENTRANCE	250 SY	10.00	2,500.00	13.52	3,380.00	6.00	1,500.00	3.00	750.00
110	FIELD OFFICE BUILDING	1 LS	*****	28,000.00	*****	6,240.00	*****	15,000.00	*****	25,000.00
Schedule Totals				1,057,215.00		608,257.24		728,899.00		772,449.00

Project Number: 2000156			Engineer's Estimate		Garco Construction Inc		Harcon Incorporated		Graham Construction & Management Inc	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description				Tax Classification							
Schedule 02 Freya Street Bridge				Public Street Improvement							
201	STRUCTURE SURVEYING	1 LS	*****	25,000.00	*****	52,000.00	*****	15,000.00	*****	15,000.00	
202	TYPE B PROGRESS SCHEDULE	1 LS	*****	2,500.00	*****	2,080.00	*****	5,000.00	*****	25,000.00	
203	CLEARING AND GRUBBING	1 LS	*****	5,000.00	*****	5,163.00	*****	2,000.00	*****	3,975.00	
204	REMOVE TREE, CLASS I	18 EA	250.00	4,500.00	468.00	8,424.00	100.00	1,800.00	254.00	4,572.00	
205	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	45,000.00	*****	10,400.00	*****	12,000.00	*****	63,000.00	
206	REMOVAL AND DISPOSAL OF ASBESTOS MATERIAL	1 LS	*****	5,000.00	*****	10,370.00	*****	10,000.00	*****	10,000.00	
207	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	5 EA	600.00	3,000.00	884.00	4,420.00	500.00	2,500.00	500.00	2,500.00	
208	SAWCUTTING FLEXIBLE PAVEMENT	786 LFI	0.75	589.50	0.28	220.08	1.00	786.00	1.00	786.00	
209	REMOVING EXISTING BRIDGE SB STRUCTURE (PRECAST)	1 LS	*****	406,600.00	*****	138,000.00	*****	150,000.00	*****	200,000.00	
210	REMOVING EXISTING BRIDGE NB STRUCTURE (CIP)	1 LS	*****	543,400.00	*****	203,000.00	*****	150,000.00	*****	200,000.00	
211	REMOVE APPROACH SLAB	287 SY	150.00	43,050.00	20.80	5,969.60	20.00	5,740.00	22.00	6,314.00	
212	ROADWAY EXCAVATION INCL. HAUL	5184 CY	12.00	62,208.00	6.50	33,696.00	13.00	67,392.00	10.75	55,728.00	
213	GRAVEL BORROW INCL. HAUL	11285 CY	17.00	191,845.00	8.32	93,891.20	0.01	112.85	9.00	101,565.00	
214	GRAVEL BORROW INCL. HAUL (CITY STOCKPILE)	12000 CY	10.00	120,000.00	8.32	99,840.00	13.00	156,000.00	9.00	108,000.00	
215	GRAVEL BORROW FOR GEOSYNTHETIC RETAINING WALL INCL. HAUL	6280 CY	20.00	125,600.00	15.60	97,968.00	20.00	125,600.00	17.25	108,330.00	
216	GRAVEL BACKFILL FOR WALLS	2825 CY	30.00	84,750.00	17.68	49,946.00	17.00	48,025.00	18.00	50,850.00	
217	PREPARATION OF UNTREATED ROADWAY	8251 SY	2.25	18,564.75	2.08	17,162.08	2.00	16,502.00	2.45	20,214.95	
218	STRUCTURAL EXCAVATION CLASS A, INCL. HAUL	5954 CY	26.00	154,804.00	9.36	55,729.44	18.00	107,172.00	8.35	49,715.90	

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<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 02</i> Freya Street Bridge				Public Street Improvement						
219	STRUCTURAL EXCAVATION, CLASS B, FOR FIBER RELOCATE	222 CY	10.00	2,220.00	19.76	4,386.72	12.00	2,664.00	13.85	3,074.70
220	STRUCTURAL EXCAVATION, CLASS B, FOR GAS RELOCATE	278 CY	25.00	6,950.00	19.76	5,493.28	12.00	3,336.00	14.65	4,072.70
221	SHORING OR EXTRA EXCAVATION CL. A	1 LS	*****	152,568.00	*****	214,240.00	*****	100,000.00	*****	150,000.00
222	CRUSHED SURFACING BASE COURSE FOR SWALE ACCESS ROAD	90 CY	32.00	2,880.00	50.40	4,536.00	45.00	4,050.00	45.10	4,059.00
223	CRUSHED SURFACING TOP COURSE	907 CY	32.00	29,024.00	41.60	37,731.20	40.00	36,280.00	52.75	47,844.25
224	CSTC FOR SIDEWALK AND DRIVEWAYS	135 CY	28.00	3,780.00	41.60	5,616.00	35.00	4,725.00	131.40	17,739.00
225	HMA CL. 1/2 IN. PG 64-28, 4 INCH THICK	351 SY	22.00	7,722.00	28.08	9,856.08	32.00	11,232.00	33.65	11,811.15
226	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
227	COMPACTION PRICE ADJUSTMENT	1 CAL	154.44	154.44	154.44	154.44	154.44	154.44	154.44	154.44
228	CEMENT CONC. PAVEMENT (11" THICK) INCLUDING DOWELS	7467 SY	30.00	224,010.00	26.00	194,142.00	30.00	224,010.00	25.00	186,675.00
229	FURNISHING CONCRETE FOR CEMENT CONCRETE PAVEMENT	2281 CY	115.00	262,315.00	108.78	248,127.18	90.00	205,290.00	108.00	246,348.00
230	NORTH BRIDGE APPROACH SLAB	1 LS	*****	164,350.00	*****	22,338.00	*****	85,000.00	*****	50,000.00
231	SOUTH BRIDGE APPROACH SLAB	1 LS	*****	85,580.00	*****	15,363.00	*****	65,000.00	*****	50,000.00
232	SEGMENTAL CONCRETE RETAINING WALL	2084 SF	16.00	33,344.00	20.12	41,930.08	17.50	36,470.00	15.00	31,260.00
233	SUPERSTRUCTURE (FREYA STREET BRIDGE)	1 LS	*****	1,931,437.00	*****	1,850,000.00	*****	1,750,000.00	*****	1,390,020.00
234	CONC. CLASS 4000	1515 CY	700.00	1,060,500.00	99.36	150,530.40	400.00	606,000.00	500.00	757,500.00
235	CONC. CLASS 4000 FOR RETAINING WALL	190 CY	550.00	104,500.00	99.36	18,878.40	500.00	95,000.00	500.00	95,000.00
236	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
237	STEEL REINFORCING BAR	232713 LB	1.25	290,891.25	1.04	242,021.52	0.75	174,534.75	1.00	232,713.00

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238	EPOXY-COATED ST. REINF. BAR	633 LB	1.45	917.85	2.08	1,316.64	1.00	633.00	1.50	949.50
239	TRAFFIC BARRIER ON EMBANKMENT	1230 LF	120.00	147,600.00	42.80	52,644.00	100.00	123,000.00	145.00	178,350.00
240	RAILING TYPE BP OFF BRIDGE	1303 LF	60.00	78,180.00	58.85	76,681.55	60.00	78,180.00	140.00	182,420.00
241	PEDESTRIAN RAILING TYPE OFF BRIDGE	1303 LF	80.00	104,240.00	121.16	157,871.48	125.00	162,875.00	140.00	182,420.00
242	CAST-IN-PLACE CONC. BARRIER LIGHT STANDARD SECTION	6 EA	2,000.00	12,000.00	1,070.00	6,420.00	1,000.00	6,000.00	3,120.00	18,720.00
243	STRUCTURAL EARTH WALL	17710 SF	35.00	619,850.00	27.04	478,878.40	23.00	407,330.00	26.20	464,002.00
244	CAP ON STRUCTURAL EARTH WALL	1230 LF	125.00	153,750.00	44.94	55,276.20	100.00	123,000.00	150.00	184,500.00
245	UNDERDRAIN PIPE 8 IN. DIAM.	195 LF	10.00	1,950.00	12.48	2,433.60	20.00	3,900.00	8.65	1,686.75
246	GRAVEL BACKFILL FOR DRAIN	8 CY	30.00	240.00	140.40	1,123.20	60.00	480.00	287.40	2,299.20
247	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	699 LF	32.00	22,368.00	31.20	21,808.80	40.00	27,960.00	26.25	18,348.75
248	CATCH BASIN SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	248 LF	28.00	6,944.00	29.12	7,221.76	35.00	8,680.00	25.70	6,373.60
249	CATCH BASIN DUCTILE IRON PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	45 LF	40.00	1,800.00	41.60	1,872.00	60.00	2,700.00	45.45	2,045.25
250	CATCH BASIN DUCTILE IRON PIPE 10 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	75 LF	45.00	3,375.00	45.76	3,432.00	70.00	5,250.00	38.10	2,857.50
251	MANHOLE TYPE III-48, BASIC PRICE	5 EA	2,350.00	11,750.00	2,808.00	14,040.00	3,000.00	15,000.00	1,940.00	9,700.00
252	DRYWELL TYPE 1	3 EA	2,500.00	7,500.00	2,912.00	8,736.00	3,500.00	10,500.00	2,310.00	6,930.00
253	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, CLEANOUT, OR INLET IN CONCRETE	1 EA	250.00	250.00	1,560.00	1,560.00	1,000.00	1,000.00	1,130.00	1,130.00
254	CATCH BASIN TYPE 1	11 EA	2,000.00	22,000.00	1,768.00	19,448.00	2,200.00	24,200.00	1,645.00	18,095.00

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255	CATCH BASIN TYPE 4	1 EA	2,400.00	2,400.00	3,068.00	3,068.00	2,500.00	2,500.00	1,925.00	1,925.00
256	MANHOLE TEST	2 EA	400.00	800.00	702.00	1,404.00	700.00	1,400.00	166.00	332.00
257	CLEANING EXISTING DRAINAGE STRUCTURE	14 EA	2,356.23	32,987.23	400.40	5,605.60	600.00	8,400.00	148.50	2,079.00
258	EXCAVATION FOR CITY WATER DISCONNECTS	1 LS	*****	2,500.00	*****	3,328.00	*****	4,000.00	*****	3,600.00
259	TOPSOIL TYPE A, 6 INCH THICK	750 SY	4.50	3,375.00	4.94	3,705.00	12.00	9,000.00	2.70	2,025.00
260	TOPSOIL TYPE B, 2 INCH THICK	6240 SY	1.50	9,360.00	1.72	10,732.80	1.50	9,360.00	2.65	16,536.00
261	HYDROSEEDING	6990 SY	1.50	10,485.00	0.40	2,796.00	0.85	5,941.50	0.70	4,893.00
262	CONSTRUCT BIO-INFILTRATION SWALE	750 SY	4.00	3,000.00	9.36	7,020.00	8.00	6,000.00	9.00	6,750.00
263	OUTLET STRUCTURE	3 EA	300.00	900.00	156.00	468.00	150.00	450.00	150.00	450.00
264	CEMENT CONCRETE CURB	899 LF	14.00	12,586.00	13.00	11,687.00	12.50	11,237.50	12.50	11,237.50
265	REINFORCED DOWELED CURB	1398 LF	10.00	13,980.00	7.80	10,904.40	7.50	10,485.00	25.00	34,950.00
266	CEMENT CONC. DRIVEWAY	15 SY	35.00	525.00	33.40	501.00	35.00	525.00	35.00	525.00
267	CHANNELIZING DEVICES	1 EA	100.00	100.00	66.92	66.92	65.00	65.00	64.35	64.35
268	CHAIN LINK FENCE, TYPE 3	717 LF	29.00	20,793.00	30.01	21,517.17	25.00	17,925.00	25.00	17,925.00
269	DOUBLE 16 FT CHAIN LINK GATE, STA 37+54	1 EA	1,700.00	1,700.00	2,474.00	2,474.00	1,200.00	1,200.00	1,200.00	1,200.00
270	TEMPORARY 6 FT CHAIN LINK FENCE	467 LF	5.00	2,335.00	7.75	3,619.25	5.00	2,335.00	5.00	2,335.00
271	CEMENT CONC. SIDEWALK	1615 SY	32.00	51,680.00	21.84	35,271.60	21.00	33,915.00	21.00	33,915.00
272	RAMP DETECTABLE WARNING	12 SF	25.00	300.00	20.80	249.60	20.00	240.00	20.00	240.00
273	ILLUMINATION SYSTEM	1 LS	*****	165,107.00	*****	156,676.00	*****	160,000.00	*****	25,000.00

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<i>Schedule 02</i> Freya Street Bridge				Public Street Improvement						
274	COMMUNICATION (INTERCONNECT) SYSTEM	1 LS	*****	74,722.00	*****	28,907.00	*****	60,000.00	*****	25,000.00
275	SIGNING, PERMANENT	1 LS	*****	5,000.00	*****	1,981.00	*****	2,000.00	*****	1,905.00
276	CAST BRONZE PLAQUE	2 EA	500.00	1,000.00	1,040.00	2,080.00	1,250.00	2,500.00	1,000.00	2,000.00
277	PAVEMENT MARKING - DURABLE HEAT APPLIED	403 SF	10.00	4,030.00	10.56	4,255.68	10.50	4,231.50	10.15	4,090.45
278	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	8 EA	125.00	1,000.00	218.40	1,747.20	250.00	2,000.00	210.00	1,680.00
279	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	1044 LF	15.00	15,660.00	12.27	12,809.88	12.00	12,528.00	12.00	12,528.00
280	EXPOSED AGGREGATE CONCRETE	948 SY	32.00	30,336.00	28.08	26,619.84	27.00	25,596.00	27.00	25,596.00
Schedule Totals				7,865,011.02		5,223,880.27		5,673,896.54		5,823,428.94

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<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 03</i> Broadway Realignment-Bridge Phase				Public Street Improvement						
301	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	2,000.00	*****	6,864.00	*****	1,000.00	*****	7,880.00
302	REMOVE EXISTING CURB	43 LF	5.00	215.00	4.16	178.88	6.00	258.00	8.30	356.90
303	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	25 SY	5.50	137.50	58.61	1,465.25	6.00	150.00	22.00	550.00
304	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	5 EA	600.00	3,000.00	884.00	4,420.00	400.00	2,000.00	490.00	2,450.00
305	SAWCUTTING FLEXIBLE PAVEMENT	336 LFI	0.75	252.00	0.28	94.08	1.00	336.00	1.00	336.00
306	SAWCUTTING RIGID PAVEMENT	50 LFI	2.50	125.00	0.95	47.50	3.00	150.00	1.00	50.00
307	ROADWAY EXCAVATION INCL. HAUL	348 CY	12.00	4,176.00	11.44	3,981.12	17.00	5,916.00	4.80	1,670.40
308	GRAVEL BORROW INCL. HAUL	503 CY	17.00	8,551.00	15.60	7,846.80	20.00	10,060.00	11.45	5,759.35
309	PREPARATION OF UNTREATED ROADWAY	1900 SY	2.25	4,275.00	3.57	6,783.00	3.00	5,700.00	2.45	4,655.00
310	CRUSHED SURFACING TOP COURSE	213 CY	32.00	6,816.00	46.80	9,968.40	45.00	9,585.00	52.75	11,235.75
311	CSTC FOR SIDEWALK AND DRIVEWAYS	29 CY	28.00	812.00	46.80	1,357.20	45.00	1,305.00	279.50	8,105.50
312	HMA CL. 1/2 IN. PG 64-28, 4INCH THICK	256 SY	22.00	5,632.00	32.24	8,253.44	32.00	8,192.00	33.65	8,614.40
313	COMERCIAL HMA	49 TO	75.00	3,675.00	150.80	7,389.20	150.00	7,350.00	142.00	6,958.00
314	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
315	COMPACTION PRICE ADJUSTMENT	1 CAL	112.64	112.64	112.64	112.64	112.64	112.64	112.64	112.64
316	CEMENT CONC. PAVEMENT (11 IN. THICK) INCLUDING DOWELS	1373 SY	30.00	41,190.00	26.00	35,698.00	30.00	41,190.00	25.00	34,325.00
317	FURNISHING CONCRETE FOR CEMENT CONCRETE PAVEMENT	419 CY	115.00	48,185.00	108.78	45,578.82	90.00	37,710.00	110.00	46,090.00
318	EPOXY-COATED TIE BAR WITH DRILL HOLE	61 EA	12.50	762.50	15.60	951.60	10.00	610.00	17.00	1,037.00

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<i>Schedule 03</i> Broadway Realignment-Bridge Phase				Public Street Improvement						
319	CEMENT CONC. CURB WALL	86 LF	40.00	3,440.00	26.00	2,236.00	25.00	2,150.00	25.00	2,150.00
320	STORM SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	118 LF	30.00	3,540.00	49.92	5,890.56	40.00	4,720.00	29.50	3,481.00
321	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM., INCL. STRUCTURAL EXCAVATION CLASS B	95 LF	60.00	5,700.00	70.72	6,718.40	80.00	7,600.00	59.00	5,605.00
322	MANHOLE TYPE III-48, BASIC PRICE	1 EA	2,350.00	2,350.00	2,808.00	2,808.00	3,000.00	3,000.00	2,225.00	2,225.00
323	MANHOLE TYPE I-48, BASIC PRICE	2 EA	2,500.00	5,000.00	3,224.00	6,448.00	3,200.00	6,400.00	2,310.00	4,620.00
324	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM. TYPE I	6 VF	150.00	900.00	296.48	1,778.88	120.00	720.00	42.00	252.00
325	CATCH BASIN TYPE 1	4 EA	2,000.00	8,000.00	1,768.00	7,072.00	2,200.00	8,800.00	1,650.00	6,600.00
326	TRENCH SAFETY SYSTEM	1 LS	*****	1,500.00	*****	2,496.00	*****	500.00	*****	850.00
327	SANITARY SEWER PIPE 15 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	190 LF	40.00	7,600.00	46.80	8,892.00	65.00	12,350.00	35.40	6,726.00
328	CLEANING EXISTING SANITARY SEWER PIPE	1 LS	*****	300.00	*****	1,560.00	*****	1,000.00	*****	550.00
329	RECONNECT SIDE SEWER	2 EA	450.00	900.00	1,144.00	2,288.00	4,000.00	8,000.00	1,400.00	2,800.00
330	SWALE DRAIN PAD	3 SY	150.00	450.00	52.00	156.00	400.00	1,200.00	500.00	1,500.00
331	OUTLET STRUCTURE	1 EA	300.00	300.00	156.00	156.00	150.00	150.00	800.00	800.00
332	CURB DROP INLET	2 EA	200.00	400.00	83.20	166.40	80.00	160.00	80.00	160.00
333	CEMENT CONCRETE CURB	509 LF	14.00	7,126.00	13.00	6,617.00	12.50	6,362.50	12.50	6,362.50
334	CEMENT CONC. CURB AND GUTTER	162 LF	10.00	1,620.00	15.60	2,527.20	15.00	2,430.00	15.00	2,430.00
335	CEMENT CONCRETE DRIVEWAY	105 SY	35.00	3,675.00	36.40	3,822.00	35.00	3,675.00	35.00	3,675.00
336	CEMENT CONC. SIDEWALK	318 SY	32.00	10,176.00	21.84	6,945.12	21.00	6,678.00	21.00	6,678.00

Project Number: 2000156		Engineer's Estimate		Garco Construction Inc		Harcon Incorporated		Graham Construction & Management Inc		
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 03</i> Broadway Realignment-Bridge Phase				Public Street Improvement						
337	RAMP DETECTABLE WARNING	16 SF	25.00	400.00	20.80	332.80	20.00	320.00	20.00	320.00
338	COMMUNICATION (INTERCONNECT) SYSTEM	1 LS	*****	9,000.00	*****	45,500.00	*****	5,000.00	*****	10,000.00
339	SIGNING, PERMANENT	1 LS	*****	600.00	*****	1,435.00	*****	1,500.00	*****	1,400.00
340	PAVEMENT MARKING - DURABLE HEAT APPLIED	133 SF	10.00	1,330.00	10.56	1,404.48	10.50	1,396.50	10.15	1,349.95
341	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	174 LF	15.00	2,610.00	12.27	2,134.98	12.00	2,088.00	12.00	2,088.00
Schedule Totals				206,832.64		260,373.75		217,823.64		212,807.39

Project Number: 2000156			Engineer's Estimate		Garco Construction Inc		Harcon Incorporated		Graham Construction & Management Inc	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description				Tax Classification						
Schedule 04 Freya Way, Desmet to Trent				Public Street Improvement						
401	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	1,500.00	*****	6,240.00	*****	1,200.00	*****	7,880.00
402	REMOVE EXISTING CURB	246 LF	5.00	1,230.00	3.12	767.52	5.00	1,230.00	2.10	516.60
403	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	121 SY	5.50	665.50	6.24	755.04	5.00	605.00	9.90	1,197.90
404	SAWCUTTING FLEXIBLE PAVEMENT	390 LFI	0.75	292.50	0.28	109.20	1.00	390.00	1.00	390.00
405	SAWCUTTING RIGID PAVEMENT	50 LFI	2.50	125.00	0.95	47.50	3.00	150.00	1.00	50.00
406	ABANDON VALVE BOX	1 EA	300.00	300.00	567.00	567.00	100.00	100.00	215.00	215.00
407	ROADWAY EXCAVATION INCL. HAUL	1400 CY	12.00	16,800.00	12.31	17,234.00	14.00	19,600.00	5.00	7,000.00
408	PREPARATION OF UNTREATED ROADWAY	3504 SY	2.25	7,884.00	2.60	9,110.40	2.50	8,760.00	2.40	8,409.60
409	CRUSHED SURFACING TOP COURSE	398 CY	32.00	12,736.00	46.80	18,626.40	45.00	17,910.00	53.00	21,094.00
410	CSTC FOR SIDEWALK AND DRIVEWAYS	24 CY	28.00	672.00	46.80	1,123.20	45.00	1,080.00	220.00	5,280.00
411	HMA CL. 1/2 IN. PG 64-28, 4 INCH THICK	149 SY	22.00	3,278.00	44.72	6,663.28	32.00	4,768.00	33.65	5,013.85
412	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
413	COMPACTION PRICE ADJUSTMENT	1 CAL	65.56	65.56	65.56	65.56	65.56	65.56	65.56	65.56
414	CEMENT CONC. PAVEMENT (11 IN. THICK) INCLUDING DOWELS	3355 SY	30.00	100,650.00	26.00	87,230.00	30.00	100,650.00	25.00	83,875.00
415	FURNISHING CONCRETE FOR CEMENT CONCRETE PAVEMENT	1025 CY	115.00	117,875.00	108.78	111,499.50	90.00	92,250.00	110.00	112,750.00
416	EPOXY-COATED TIE BAR WITH DRILL HOLE	64 EA	12.50	800.00	15.60	998.40	10.00	640.00	17.00	1,088.00
417	CEMENT CONC. CURB	246 LF	14.00	3,444.00	13.00	3,198.00	12.50	3,075.00	12.50	3,075.00
418	CHANNELIZING DEVICES	2 EA	100.00	200.00	66.92	133.84	65.00	130.00	64.35	128.70

Project Number: 2000156			Engineer's Estimate		Garco Construction Inc		Harcon Incorporated		Graham Construction & Management Inc	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 04</i> Freya Way, Desmet to Trent				Public Street Improvement						
419	CEMENT CONC. SIDEWALK	455 SY	32.00	14,560.00	21.84	9,937.20	21.00	9,555.00	21.00	9,555.00
420	RAMP DETECTABLE WARNING	48 SF	25.00	1,200.00	20.80	998.40	20.00	960.00	20.00	960.00
421	COMMUNICATION (INTERCONNECT) SYSTEM	1 LS	*****	54,138.00	*****	15,860.00	*****	20,000.00	*****	10,000.00
422	SIGNING, PERMANENT	1 LS	*****	2,000.00	*****	2,917.00	*****	3,000.00	*****	2,800.00
423	PAVEMENT MARKING - DURABLE HEAT APPLIED	135 SF	10.00	1,350.00	10.56	1,425.60	10.50	1,417.50	10.15	1,370.25
424	REINFORCED DOWELED CURB	642 LF	10.00	6,420.00	7.80	5,007.60	7.50	4,815.00	7.50	4,815.00
425	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	317 LF	15.00	4,755.00	11.96	3,791.32	12.00	3,804.00	11.50	3,645.50
426	EXPOSED AGGREGATE CONCRETE	280 SY	28.00	7,840.00	28.08	7,862.40	27.00	7,560.00	27.00	7,560.00
Schedule Totals				360,779.56		312,167.36		303,714.06		298,733.96

Project Number: 2000156		Engineer's Estimate		Max J Kuney Company		Morgen & Oswood Construction Co Inc				
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i> Common Items				Public Street Improvement						
101	TRAINING	800 HR	10.00	8,000.00	3.00	2,400.00	14.00	11,200.00	0.00	0.00
102	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
103	SPCC PLAN	1 LS	*****	2,500.00	*****	5,000.00	*****	4,000.00	*****	0.00
104	POTHOLING	1 EA	500.00	500.00	2,000.00	2,000.00	2,000.00	2,000.00	0.00	0.00
106	MOBILIZATION	1 LS	*****	900,000.00	*****	733,600.00	*****	785,000.00	*****	0.00
107	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	105,850.00	*****	50,000.00	*****	11,000.00	*****	0.00
108	SILT FENCE	2466 LF	4.00	9,864.00	3.50	8,631.00	3.60	8,877.60	0.00	0.00
109	STABILIZED CONSTRUCTION ENTRANCE	250 SY	10.00	2,500.00	7.00	1,750.00	31.00	7,750.00	0.00	0.00
110	FIELD OFFICE BUILDING	1 LS	*****	28,000.00	*****	25,000.00	*****	12,000.00	*****	0.00
Schedule Totals				1,057,215.00		828,382.00		841,828.60		0.00

Project Number: 2000156			Engineer's Estimate		Max J Kuney Company		Morgen & Oswood Construction Co Inc			
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description				Tax Classification						
Schedule 02 Freya Street Bridge				Public Street Improvement						
201	STRUCTURE SURVEYING	1 LS	*****	25,000.00	*****	25,000.00	*****	32,000.00	*****	0.00
202	TYPE B PROGRESS SCHEDULE	1 LS	*****	2,500.00	*****	10,000.00	*****	15,000.00	*****	0.00
203	CLEARING AND GRUBBING	1 LS	*****	5,000.00	*****	5,000.00	*****	5,000.00	*****	0.00
204	REMOVE TREE, CLASS I	18 EA	250.00	4,500.00	450.00	8,100.00	460.00	8,280.00	0.00	0.00
205	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	45,000.00	*****	11,000.00	*****	10,500.00	*****	0.00
206	REMOVAL AND DISPOSAL OF ASBESTOS MATERIAL	1 LS	*****	5,000.00	*****	10,000.00	*****	10,000.00	*****	0.00
207	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	5 EA	600.00	3,000.00	855.00	4,275.00	900.00	4,500.00	0.00	0.00
208	SAWCUTTING FLEXIBLE PAVEMENT	786 LFI	0.75	589.50	1.00	786.00	1.50	1,179.00	0.00	0.00
209	REMOVING EXISTING BRIDGE SB STRUCTURE (PRECAST)	1 LS	*****	406,600.00	*****	110,000.00	*****	270,000.00	*****	0.00
210	REMOVING EXISTING BRIDGE NB STRUCTURE (CIP)	1 LS	*****	543,400.00	*****	110,000.00	*****	380,000.00	*****	0.00
211	REMOVE APPROACH SLAB	287 SY	150.00	43,050.00	5.00	1,435.00	21.00	6,027.00	0.00	0.00
212	ROADWAY EXCAVATION INCL. HAUL	5184 CY	12.00	62,208.00	6.50	33,696.00	6.40	33,177.60	0.00	0.00
213	GRAVEL BORROW INCL. HAUL	11285 CY	17.00	191,845.00	9.00	101,565.00	9.20	103,822.00	0.00	0.00
214	GRAVEL BORROW INCL. HAUL (CITY STOCKPILE)	12000 CY	10.00	120,000.00	9.00	108,000.00	9.20	110,400.00	0.00	0.00
215	GRAVEL BORROW FOR GEOSYNTHETIC RETAINING WALL INCL. HAUL	6280 CY	20.00	125,600.00	17.00	106,760.00	16.50	103,620.00	0.00	0.00
216	GRAVEL BACKFILL FOR WALLS	2825 CY	30.00	84,750.00	19.00	53,675.00	18.50	52,262.50	0.00	0.00
217	PREPARATION OF UNTREATED ROADWAY	8251 SY	2.25	18,564.75	2.00	16,502.00	2.05	16,914.55	0.00	0.00
218	STRUCTURAL EXCAVATION CLASS A, INCL. HAUL	5954 CY	26.00	154,804.00	10.00	59,540.00	9.20	54,776.80	0.00	0.00

Project Number: 2000156			Engineer's Estimate		Max J Kune Company		Morgen & Oswood Construction Co Inc			
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 02</i> Freya Street Bridge				Public Street Improvement						
219	STRUCTURAL EXCAVATION, CLASS B, FOR FIBER RELOCATE	222 CY	10.00	2,220.00	20.00	4,440.00	19.40	4,306.80	0.00	0.00
220	STRUCTURAL EXCAVATION, CLASS B, FOR GAS RELOCATE	278 CY	25.00	6,950.00	20.00	5,560.00	19.40	5,393.20	0.00	0.00
221	SHORING OR EXTRA EXCAVATION CL. A	1 LS	*****	152,568.00	*****	150,000.00	*****	352,000.00	*****	0.00
222	CRUSHED SURFACING BASE COURSE FOR SWALE ACCESS ROAD	90 CY	32.00	2,880.00	46.00	4,140.00	46.00	4,140.00	0.00	0.00
223	CRUSHED SURFACING TOP COURSE	907 CY	32.00	29,024.00	41.00	37,187.00	41.00	37,187.00	0.00	0.00
224	CSTC FOR SIDEWALK AND DRIVEWAYS	135 CY	28.00	3,780.00	30.00	4,050.00	31.00	4,185.00	0.00	0.00
225	HMA CL. 1/2 IN. PG 64-28, 4 INCH THICK	351 SY	22.00	7,722.00	32.00	11,232.00	32.00	11,232.00	0.00	0.00
226	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
227	COMPACTION PRICE ADJUSTMENT	1 CAL	154.44	154.44	154.44	154.44	154.44	154.44	0.00	0.00
228	CEMENT CONC. PAVEMENT (11" THICK) INCLUDING DOWELS	7467 SY	30.00	224,010.00	26.00	194,142.00	27.50	205,342.50	0.00	0.00
229	FURNISHING CONCRETE FOR CEMENT CONCRETE PAVEMENT	2281 CY	115.00	262,315.00	110.00	250,910.00	119.00	271,439.00	0.00	0.00
230	NORTH BRIDGE APPROACH SLAB	1 LS	*****	164,350.00	*****	100,000.00	*****	98,000.00	*****	0.00
231	SOUTH BRIDGE APPROACH SLAB	1 LS	*****	85,580.00	*****	70,000.00	*****	54,000.00	*****	0.00
232	SEGMENTAL CONCRETE RETAINING WALL	2084 SF	16.00	33,344.00	36.00	75,024.00	19.50	40,638.00	0.00	0.00
233	SUPERSTRUCTURE (FREYA STREET BRIDGE)	1 LS	*****	1,931,437.00	*****	1,973,282.00	*****	1,730,000.00	*****	0.00
234	CONC. CLASS 4000	1515 CY	700.00	1,060,500.00	425.00	643,875.00	400.00	606,000.00	0.00	0.00
235	CONC. CLASS 4000 FOR RETAINING WALL	190 CY	550.00	104,500.00	550.00	104,500.00	615.00	116,850.00	0.00	0.00
236	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
237	STEEL REINFORCING BAR	232713 LB	1.25	290,891.25	1.00	232,713.00	0.70	162,899.10	0.00	0.00

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Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 02</i> Freya Street Bridge					Public Street Improvement					
238	EPOXY-COATED ST. REINF. BAR	633 LB	1.45	917.85	1.00	633.00	0.92	582.36	0.00	0.00
239	TRAFFIC BARRIER ON EMBANKMENT	1230 LF	120.00	147,600.00	100.00	123,000.00	126.00	154,980.00	0.00	0.00
240	RAILING TYPE BP OFF BRIDGE	1303 LF	60.00	78,180.00	70.00	91,210.00	71.00	92,513.00	0.00	0.00
241	PEDESTRIAN RAILING TYPE OFF BRIDGE	1303 LF	80.00	104,240.00	110.00	143,330.00	120.00	156,360.00	0.00	0.00
242	CAST-IN-PLACE CONC. BARRIER LIGHT STANDARD SECTION	6 EA	2,000.00	12,000.00	900.00	5,400.00	1,900.00	11,400.00	0.00	0.00
243	STRUCTURAL EARTH WALL	17710 SF	35.00	619,850.00	25.00	442,750.00	27.75	491,452.50	0.00	0.00
244	CAP ON STRUCTURAL EARTH WALL	1230 LF	125.00	153,750.00	52.00	63,960.00	170.00	209,100.00	0.00	0.00
245	UNDERDRAIN PIPE 8 IN. DIAM.	195 LF	10.00	1,950.00	13.00	2,535.00	12.25	2,388.75	0.00	0.00
246	GRAVEL BACKFILL FOR DRAIN	8 CY	30.00	240.00	140.00	1,120.00	140.00	1,120.00	0.00	0.00
247	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	699 LF	32.00	22,368.00	31.00	21,669.00	31.00	21,669.00	0.00	0.00
248	CATCH BASIN SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	248 LF	28.00	6,944.00	29.00	7,192.00	29.00	7,192.00	0.00	0.00
249	CATCH BASIN DUCTILE IRON PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	45 LF	40.00	1,800.00	42.00	1,890.00	40.00	1,800.00	0.00	0.00
250	CATCH BASIN DUCTILE IRON PIPE 10 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	75 LF	45.00	3,375.00	45.00	3,375.00	45.00	3,375.00	0.00	0.00
251	MANHOLE TYPE III-48, BASIC PRICE	5 EA	2,350.00	11,750.00	2,800.00	14,000.00	2,800.00	14,000.00	0.00	0.00
252	DRYWELL TYPE 1	3 EA	2,500.00	7,500.00	2,900.00	8,700.00	2,900.00	8,700.00	0.00	0.00
253	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, CLEANOUT, OR INLET IN CONCRETE	1 EA	250.00	250.00	500.00	500.00	460.00	460.00	0.00	0.00
254	CATCH BASIN TYPE 1	11 EA	2,000.00	22,000.00	1,800.00	19,800.00	1,700.00	18,700.00	0.00	0.00

Project Number: 2000156			Engineer's Estimate		Max J Kuney Company		Morgen & Oswood Construction Co Inc			
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 02</i> Freya Street Bridge				Public Street Improvement						
255	CATCH BASIN TYPE 4	1 EA	2,400.00	2,400.00	3,000.00	3,000.00	3,000.00	3,000.00	0.00	0.00
256	MANHOLE TEST	2 EA	400.00	800.00	680.00	1,360.00	700.00	1,400.00	0.00	0.00
257	CLEANING EXISTING DRAINAGE STRUCTURE	14 EA	2,356.23	32,987.23	400.00	5,600.00	400.00	5,600.00	0.00	0.00
258	EXCAVATION FOR CITY WATER DISCONNECTS	1 LS	*****	2,500.00	*****	3,500.00	*****	3,200.00	*****	0.00
259	TOPSOIL TYPE A, 6 INCH THICK	750 SY	4.50	3,375.00	8.00	6,000.00	5.50	4,125.00	0.00	0.00
260	TOPSOIL TYPE B, 2 INCH THICK	6240 SY	1.50	9,360.00	2.50	15,600.00	5.50	34,320.00	0.00	0.00
261	HYDROSEEDING	6990 SY	1.50	10,485.00	0.60	4,194.00	0.75	5,242.50	0.00	0.00
262	CONSTRUCT BIO-INFILTRATION SWALE	750 SY	4.00	3,000.00	11.00	8,250.00	10.00	7,500.00	0.00	0.00
263	OUTLET STRUCTURE	3 EA	300.00	900.00	800.00	2,400.00	155.00	465.00	0.00	0.00
264	CEMENT CONCRETE CURB	899 LF	14.00	12,586.00	14.00	12,586.00	13.00	11,687.00	0.00	0.00
265	REINFORCED DOWELED CURB	1398 LF	10.00	13,980.00	7.50	10,485.00	8.00	11,184.00	0.00	0.00
266	CEMENT CONC. DRIVEWAY	15 SY	35.00	525.00	40.00	600.00	36.00	540.00	0.00	0.00
267	CHANNELIZING DEVICES	1 EA	100.00	100.00	65.00	65.00	65.00	65.00	0.00	0.00
268	CHAIN LINK FENCE, TYPE 3	717 LF	29.00	20,793.00	5.00	3,585.00	30.00	21,510.00	0.00	0.00
269	DOUBLE 16 FT CHAIN LINK GATE, STA 37+54	1 EA	1,700.00	1,700.00	850.00	850.00	2,400.00	2,400.00	0.00	0.00
270	TEMPORARY 6 FT CHAIN LINK FENCE	467 LF	5.00	2,335.00	3.00	1,401.00	7.00	3,269.00	0.00	0.00
271	CEMENT CONC. SIDEWALK	1615 SY	32.00	51,680.00	23.00	37,145.00	21.50	34,722.50	0.00	0.00
272	RAMP DETECTABLE WARNING	12 SF	25.00	300.00	25.00	300.00	20.50	246.00	0.00	0.00
273	ILLUMINATION SYSTEM	1 LS	*****	165,107.00	*****	155,000.00	*****	155,000.00	*****	0.00

Project Number: 2000156			Engineer's Estimate		Max J Kuney Company		Morgen & Oswood Construction Co Inc			
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 02</i> Freya Street Bridge				Public Street Improvement						
274	COMMUNICATION (INTERCONNECT) SYSTEM	1 LS	*****	74,722.00	*****	28,000.00	*****	8,000.00	*****	0.00
275	SIGNING, PERMANENT	1 LS	*****	5,000.00	*****	2,000.00	*****	2,000.00	*****	0.00
276	CAST BRONZE PLAQUE	2 EA	500.00	1,000.00	8,000.00	16,000.00	400.00	800.00	0.00	0.00
277	PAVEMENT MARKING - DURABLE HEAT APPLIED	403 SF	10.00	4,030.00	11.00	4,433.00	10.35	4,171.05	0.00	0.00
278	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	8 EA	125.00	1,000.00	210.00	1,680.00	215.00	1,720.00	0.00	0.00
279	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	1044 LF	15.00	15,660.00	15.00	15,660.00	12.00	12,528.00	0.00	0.00
280	EXPOSED AGGREGATE CONCRETE	948 SY	32.00	30,336.00	26.00	24,648.00	28.00	26,544.00	0.00	0.00
Schedule Totals				7,865,011.02		5,951,947.44		6,478,256.15		0.00

Project Number: 2000156			Engineer's Estimate		Max J Kuney Company		Morgen & Oswood Construction Co Inc			
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 03</i> Broadway Realignment-Bridge Phase				Public Street Improvement						
301	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	2,000.00	*****	6,600.00	*****	6,700.00	*****	0.00
302	REMOVE EXISTING CURB	43 LF	5.00	215.00	5.00	215.00	4.00	172.00	0.00	0.00
303	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	25 SY	5.50	137.50	57.00	1,425.00	58.00	1,450.00	0.00	0.00
304	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	5 EA	600.00	3,000.00	900.00	4,500.00	870.00	4,350.00	0.00	0.00
305	SAWCUTTING FLEXIBLE PAVEMENT	336 LFI	0.75	252.00	0.50	168.00	1.00	336.00	0.00	0.00
306	SAWCUTTING RIGID PAVEMENT	50 LFI	2.50	125.00	2.00	100.00	1.60	80.00	0.00	0.00
307	ROADWAY EXCAVATION INCL. HAUL	348 CY	12.00	4,176.00	12.00	4,176.00	11.50	4,002.00	0.00	0.00
308	GRAVEL BORROW INCL. HAUL	503 CY	17.00	8,551.00	16.00	8,048.00	15.30	7,695.90	0.00	0.00
309	PREPARATION OF UNTREATED ROADWAY	1900 SY	2.25	4,275.00	3.50	6,650.00	3.50	6,650.00	0.00	0.00
310	CRUSHED SURFACING TOP COURSE	213 CY	32.00	6,816.00	46.00	9,798.00	46.00	9,798.00	0.00	0.00
311	CSTC FOR SIDEWALK AND DRIVEWAYS	29 CY	28.00	812.00	30.00	870.00	31.00	899.00	0.00	0.00
312	HMA CL. 1/2 IN. PG 64-28, 4INCH THICK	256 SY	22.00	5,632.00	32.00	8,192.00	32.00	8,192.00	0.00	0.00
313	COMERCIAL HMA	49 TO	75.00	3,675.00	150.00	7,350.00	150.00	7,350.00	0.00	0.00
314	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
315	COMPACTION PRICE ADJUSTMENT	1 CAL	112.64	112.64	112.64	112.64	112.64	112.64	0.00	0.00
316	CEMENT CONC. PAVEMENT (11 IN. THICK) INCLUDING DOWELS	1373 SY	30.00	41,190.00	26.00	35,698.00	25.50	35,011.50	0.00	0.00
317	FURNISHING CONCRETE FOR CEMENT CONCRETE PAVEMENT	419 CY	115.00	48,185.00	110.00	46,090.00	110.00	46,090.00	0.00	0.00
318	EPOXY-COATED TIE BAR WITH DRILL HOLE	61 EA	12.50	762.50	18.00	1,098.00	56.00	3,416.00	0.00	0.00

Project Number: 2000156		Engineer's Estimate		Max J Kuneey Company		Morgen & Oswood Construction Co Inc				
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 03</i> Broadway Realignment-Bridge Phase				Public Street Improvement						
319	CEMENT CONC. CURB WALL	86 LF	40.00	3,440.00	35.00	3,010.00	26.00	2,236.00	0.00	0.00
320	STORM SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	118 LF	30.00	3,540.00	49.00	5,782.00	50.00	5,900.00	0.00	0.00
321	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM., INCL. STRUCTURAL EXCAVATION CLASS B	95 LF	60.00	5,700.00	69.00	6,555.00	70.00	6,650.00	0.00	0.00
322	MANHOLE TYPE III-48, BASIC PRICE	1 EA	2,350.00	2,350.00	2,800.00	2,800.00	2,700.00	2,700.00	0.00	0.00
323	MANHOLE TYPE I-48, BASIC PRICE	2 EA	2,500.00	5,000.00	3,200.00	6,400.00	3,200.00	6,400.00	0.00	0.00
324	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM. TYPE I	6 VF	150.00	900.00	290.00	1,740.00	300.00	1,800.00	0.00	0.00
325	CATCH BASIN TYPE 1	4 EA	2,000.00	8,000.00	1,800.00	7,200.00	1,700.00	6,800.00	0.00	0.00
326	TRENCH SAFETY SYSTEM	1 LS	*****	1,500.00	*****	2,500.00	*****	2,500.00	*****	0.00
327	SANITARY SEWER PIPE 15 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	190 LF	40.00	7,600.00	46.00	8,740.00	46.00	8,740.00	0.00	0.00
328	CLEANING EXISTING SANITARY SEWER PIPE	1 LS	*****	300.00	*****	1,600.00	*****	1,500.00	*****	0.00
329	RECONNECT SIDE SEWER	2 EA	450.00	900.00	1,200.00	2,400.00	1,100.00	2,200.00	0.00	0.00
330	SWALE DRAIN PAD	3 SY	150.00	450.00	150.00	450.00	51.00	153.00	0.00	0.00
331	OUTLET STRUCTURE	1 EA	300.00	300.00	160.00	160.00	155.00	155.00	0.00	0.00
332	CURB DROP INLET	2 EA	200.00	400.00	80.00	160.00	100.00	200.00	0.00	0.00
333	CEMENT CONCRETE CURB	509 LF	14.00	7,126.00	14.00	7,126.00	13.00	6,617.00	0.00	0.00
334	CEMENT CONC. CURB AND GUTTER	162 LF	10.00	1,620.00	20.00	3,240.00	16.00	2,592.00	0.00	0.00
335	CEMENT CONCRETE DRIVEWAY	105 SY	35.00	3,675.00	38.00	3,990.00	36.00	3,780.00	0.00	0.00
336	CEMENT CONC. SIDEWALK	318 SY	32.00	10,176.00	23.00	7,314.00	22.00	6,996.00	0.00	0.00

Project Number: 2000156		Engineer's Estimate		Max J Kuney Company		Morgen & Oswood Construction Co Inc				
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 03</i> Broadway Realignment-Bridge Phase				Public Street Improvement						
337	RAMP DETECTABLE WARNING	16 SF	25.00	400.00	25.00	400.00	21.00	336.00	0.00	0.00
338	COMMUNICATION (INTERCONNECT) SYSTEM	1 LS	*****	9,000.00	*****	44,000.00	*****	44,000.00	*****	0.00
339	SIGNING, PERMANENT	1 LS	*****	600.00	*****	1,400.00	*****	1,400.00	*****	0.00
340	PAVEMENT MARKING - DURABLE HEAT APPLIED	133 SF	10.00	1,330.00	11.00	1,463.00	10.50	1,396.50	0.00	0.00
341	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	174 LF	15.00	2,610.00	15.00	2,610.00	12.00	2,088.00	0.00	0.00
Schedule Totals				206,832.64		262,129.64		259,443.54		0.00

Project Number: 2000156			Engineer's Estimate		Max J Kuney Company		Morgen & Oswood Construction Co Inc			
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 04</i> Freya Way, Desmet to Trent				Public Street Improvement						
401	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	1,500.00	*****	2,500.00	*****	6,200.00	*****	0.00
402	REMOVE EXISTING CURB	246 LF	5.00	1,230.00	4.00	984.00	3.00	738.00	0.00	0.00
403	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	121 SY	5.50	665.50	7.00	847.00	6.00	726.00	0.00	0.00
404	SAWCUTTING FLEXIBLE PAVEMENT	390 LFI	0.75	292.50	0.50	195.00	1.00	390.00	0.00	0.00
405	SAWCUTTING RIGID PAVEMENT	50 LFI	2.50	125.00	2.00	100.00	1.55	77.50	0.00	0.00
406	ABANDON VALVE BOX	1 EA	300.00	300.00	550.00	550.00	560.00	560.00	0.00	0.00
407	ROADWAY EXCAVATION INCL. HAUL	1400 CY	12.00	16,800.00	12.00	16,800.00	12.00	16,800.00	0.00	0.00
408	PREPARATION OF UNTREATED ROADWAY	3504 SY	2.25	7,884.00	3.00	10,512.00	2.60	9,110.40	0.00	0.00
409	CRUSHED SURFACING TOP COURSE	398 CY	32.00	12,736.00	46.00	18,308.00	46.00	18,308.00	0.00	0.00
410	CSTC FOR SIDEWALK AND DRIVEWAYS	24 CY	28.00	672.00	30.00	720.00	32.00	768.00	0.00	0.00
411	HMA CL. 1/2 IN. PG 64-28, 4 INCH THICK	149 SY	22.00	3,278.00	32.00	4,768.00	32.00	4,768.00	0.00	0.00
412	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
413	COMPACTION PRICE ADJUSTMENT	1 CAL	65.56	65.56	65.56	65.56	65.56	65.56	0.00	0.00
414	CEMENT CONC. PAVEMENT (11 IN. THICK) INCLUDING DOWELS	3355 SY	30.00	100,650.00	26.00	87,230.00	25.50	85,552.50	0.00	0.00
415	FURNISHING CONCRETE FOR CEMENT CONCRETE PAVEMENT	1025 CY	115.00	117,875.00	110.00	112,750.00	110.00	112,750.00	0.00	0.00
416	EPOXY-COATED TIE BAR WITH DRILL HOLE	64 EA	12.50	800.00	18.00	1,152.00	18.00	1,152.00	0.00	0.00
417	CEMENT CONC. CURB	246 LF	14.00	3,444.00	14.00	3,444.00	13.00	3,198.00	0.00	0.00
418	CHANNELIZING DEVICES	2 EA	100.00	200.00	65.00	130.00	66.00	132.00	0.00	0.00

Project Number: 2000156			Engineer's Estimate		Max J Kuney Company		Morgen & Oswood Construction Co Inc			
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 04</i> Freya Way, Desmet to Trent				Public Street Improvement						
419	CEMENT CONC. SIDEWALK	455 SY	32.00	14,560.00	23.00	10,465.00	22.00	10,010.00	0.00	0.00
420	RAMP DETECTABLE WARNING	48 SF	25.00	1,200.00	25.00	1,200.00	21.00	1,008.00	0.00	0.00
421	COMMUNICATION (INTERCONNECT) SYSTEM	1 LS	*****	54,138.00	*****	15,500.00	*****	16,000.00	*****	0.00
422	SIGNING, PERMANENT	1 LS	*****	2,000.00	*****	2,900.00	*****	3,000.00	*****	0.00
423	PAVEMENT MARKING - DURABLE HEAT APPLIED	135 SF	10.00	1,350.00	11.00	1,485.00	10.50	1,417.50	0.00	0.00
424	REINFORCED DOWELED CURB	642 LF	10.00	6,420.00	7.00	4,494.00	8.00	5,136.00	0.00	0.00
425	CONCRETE TRAFFIC ISLAND 24 IN. WIDE	317 LF	15.00	4,755.00	15.00	4,755.00	12.00	3,804.00	0.00	0.00
426	EXPOSED AGGREGATE CONCRETE	280 SY	28.00	7,840.00	26.00	7,280.00	28.00	7,840.00	0.00	0.00
Schedule Totals				360,779.56		309,133.56		309,510.46		0.00

Project Number **2000156** **Freya Street Bridge**

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	1,057,215.00	7,865,011.02	206,832.64	360,779.56	0.00	0.00	0.00	0.00	9,489,838.22
Garco Construction Inc	608,257.24	5,223,880.27	260,373.75	312,167.36	0.00	0.00	0.00	0.00	6,404,678.62
Harcon Incorporated	728,899.00	5,673,896.54	217,823.64	303,714.06	0.00	0.00	0.00	0.00	6,924,333.24
Graham Construction &	772,449.00	5,823,428.94	212,807.39	298,733.96	0.00	0.00	0.00	0.00	7,107,419.29
Max J Kuney Company	828,382.00	5,951,947.44	262,129.64	309,133.56	0.00	0.00	0.00	0.00	7,351,592.64
Morgen & Oswood Con	841,828.60	6,478,256.15	259,443.54	309,510.46	0.00	0.00	0.00	0.00	7,889,038.75

Low Bid Contractor: Garco Construction Inc

	Contractor's Bid	Engineer's Estimate	% Variance	
Schedule 01	\$608,257.24	\$1,057,215.00	42.47	% Under Estimate
Schedule 02	\$5,223,880.27	\$7,865,011.02	33.58	% Under Estimate
Schedule 03	\$260,373.75	\$206,832.64	25.89	% Over Estimate
Schedule 04	\$312,167.36	\$360,779.56	13.47	% Under Estimate
Bid Totals	\$6,404,678.62	\$9,489,838.22	32.51	% Under Estimate