

HEUER AND ASSOCIATES

Consulting Engineers
2315 Enterprise Drive - Suite 102 Westchester, IL 60154-5811 708-492-1000

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
1004	08-00079-03-FP	COOK	94	4
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 63353

SUMMARY OF QUANTITIES

CODE #	CONTRACT ITEM	UNIT	TOTAL	STU 1000	NON-PART
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	127	127	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	184	184	
20101400	* NITROGEN FERTILIZER NUTRIENT	POUND	81	81	
20101500	* PHOSPHORUS FERTILIZER NUTRIENT	POUND	81	81	
20101600	* POTASSIUM FERTILIZER NUTRIENT	POUND	81	81	
20101700	* SUPPLEMENTAL WATERING	UNIT	100	100	
20200100	EARTH EXCAVATION	CU YD	6,192	6,192	
20200200	ROCK EXCAVATION	CU YD	178	178	
20201200	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,386	2,386	
20700420	POROUS GRANULAR EMBANKEMENT, SUBGRADE	CU YD	2,386	2,386	
20800150	TRENCH BACKFILL	CU YD	5,470	2,832	2,638
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	12,410	12,410	
21101615	* TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6,516	6,516	
25200650	* SODDING, SALT TOLERANT (SPECIAL)	SQ YD	6,516	6,516	
28000400	PERIMETER EROSION BARRIER	FOOT	658	658	
28000510	INLET FILTERS	EACH	55	55	
31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	194	194	
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	12,511	12,511	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	3,000	3,000	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,856	4,856	
40600300	AGGREGATE (PRIME COAT)	TON	27	27	
40600895	CONSTRUCTION TEST STRIP	EACH	1	1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	314	314	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	35	35	
40701921	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12"	SQ YD	10,791	10,791	
42001300	PROTECTIVE COAT	SQ YD	4,260	4,260	
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	1,143	1,143	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13,978	13,978	
42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	1,320	1,320	
44000100	PAVEMENT REMOVAL	SQ YD	10,543	10,543	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,469	1,469	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,962	5,962	
44000600	SIDEWALK REMOVAL	SQ FT	8,889	8,889	
44201080	CLASS B PATCHES, TYPE IV	SQ YD	30	30	
44201313	CLASS C PATCHES, TYPE I, 7 INCH	SQ YD	6	6	
44201317	CLASS C PATCHES, TYPE II, 7 INCH	SQ YD	6	6	
44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	41	41	
44201980	CLASS D PATCHES, TYPE IV	SQ YD	29	29	
550A0800	STORM SEWERS, CLASS A, TYPE 3 60"	FOOT	108	108	
550B0320	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	320	320	
550B0330	STORM SEWERS, CLASS B, TYPE 2 10"	FOOT	2,453	319	2,134
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	219	219	
550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	470	470	
550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	1,018	1,018	
550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	FOOT	1,018	1,018	
56102900	* DUCTILE IRON WATER MAIN 4"	FOOT	24		24
56103000	* DUCTILE IRON WATER MAIN 6"	FOOT	222		222
56103100	* DUCTILE IRON WATER MAIN 8"	FOOT	188		188
56103300	* DUCTILE IRON WATER MAIN 12"	FOOT	3,171		3,171
56104800	* WATER VALVES 4"	EACH	1		1
56104900	* WATER VALVES 6"	EACH	4		4
56105000	* WATER VALVES 8"	EACH	3		3
56105200	* WATER VALVES 12"	EACH	11		11
56200300	WATER SERVICE LINE 1"	FOOT	528		528
56200700	WATER SERVICE LINE 2"	FOOT	344		344
56400500	* FIRE HYDRANT TO BE REMOVED	EACH	5		5
56400820	* FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	9		9

SUMMARY OF QUANTITIES

CODE #	CONTRACT ITEM	UNIT	TOTAL	STU 1000	NON-PART
60202905	* CATCH BASINS, TYPE A, SPECIAL, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60203240	* CATCH BASINS, TYPE A, SPECIAL, 4'-DIMETER, TYPE 23 FRAME AND GRATE	EACH	25	25	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	21	9	12
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4	
60233500	* PRECAST "T" MANHOLE FOR 60" DIAMETER STORM SEWER TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1	1	
60248700	* VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		4
60248900	* VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11		11
60249300	* VALVE BOXES 4"	EACH	1		1
60249400	* VALVE BOXES 6"	EACH	3		3
60266500	* VALVE VAULTS TO BE REMOVED	EACH	4		4
60266910	* VALVE BOXES TO BE REMOVED	EACH	8		8
60500040	REMOVING MANHOLES	EACH	13	13	
60500050	REMOVING CATCH BASINS	EACH	18	18	
60500060	REMOVING INLETS	EACH	15	15	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	372	372	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	5,895	5,895	
66700095	* PERMANENT SURVEY MARKERS	EACH	3	3	
67100100	MOBILIZATION	L SUM	1	1	
70101900	* TRAFFIC CONTROL AND PROTECTION (DETOUR 1)	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
72000100	* SIGN PANEL - TYPE 1	SQ FT	163	163	
72800100	* TELESCOPING STEEL SIGN SUPPORT	FOOT	334	334	
78000100	* THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	16	16	
78000200	* THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,921	1,921	
78000400	* THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,445	2,445	
78000600	* THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	262	262	
78000650	* THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	203	203	
78100100	* RAISED REFLECTIVE PAVEMENT MARKER	EACH	62	62	
A2000320	* TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10	
A2002920	* TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
A2006616	* TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5	
A2006716	* TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
A2008518	* TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9	
B2004520	* TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	11	11	
B2006120	* TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	9	9	
B2006220	* TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12	12	
X0322916	* PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	2	2	
X0323168	* DROP CONNECTION	EACH	1	1	
X0323517	* WATER MAIN CASING 24"	FOOT	20		20
X0323868	* DRAINAGE RESTRICTOR	EACH	1	1	
XX000717	* STORM SEWER CONNECTION, SPECIAL	EACH	1	1	
XX001047	* VALVE VAULTS TO BE ABANDONED	EACH	7		7
XX003037	* DUCTILE IRON FITTINGS AND ACCESSORIES	POUND	39,567		39,567
XX003531	* WATER SERVICE CONNECTION 1"	EACH	17		17
XX003803	* SANITARY SEWER SERVICE 6"	FOOT	844		844
XX004382	* PRESSURE TESTING AND DISINFECTION	EACH	2		2
X0326713	* SANITARY SEWER CONNECTION	EACH	2		2
XX006217	* SANITARY SEWER SERVICE 8"	FOOT	58		58
XX006698	* TREE PROTECTION AND PRESERVATION	EACH	43	43	
XX007535	* GULFBOX TO BE ADJUSTED	EACH	10	10	
X0326800	* DETECTABLE WARNINGS	SQ FT	130	130	
XX007760	* MULCH PLACEMENT, SPECIAL	EACH	68	68	
XX007762	* SHUT DOWN CONNECTION	EACH	9		9
Z0050500	* REMOVE AND RESET EXISTING STREET LIGHTS	EACH	10	10	
Z0076600	* TRAINEES	hour	1,000	1,000	

* = DENOTES SPECIALTY ITEM

REVISIONS	
NAME	DATE
PER IDOT	01-04-10
PER IDOT	01-14-10
PER IDOT	02-11-10
ADDENDUM#1	04-06-10

ILLINOIS DEPARTMENT OF TRANSPORTATION
**BLUFF AVENUE IMPROVEMENTS
STAGE 3**

SUMMARY OF QUANTITIES

SCALE: DRAWN BY H&A
DATE 11/30/2009 CHECKED BY JRH

DATE: _____ BY: _____
PLAN SURVEYED _____ PLOTTED _____
NOTE BOOK _____ CHECKED _____
NO. _____ OF WAY CHECKED _____
NO. _____ CADD FILE NAME _____

DATE: _____ BY: _____
PROFILE SURVEYED _____ PLOTTED _____
NOTE BOOK _____ CHECKED _____
NO. _____ STRUCTURE NOTATION: CPKD _____
NO. _____

SCHEDULE OF QUANTITIES - SEWER PIPE																		
SHEET	UNDERGROUND INFO					PROPOSED PAY ITEM												
	UPSTREAM STRUCTURE # or (STATION)	UPSTREAM DEPTH	DOWNSTREAM STRUCTURE # or (STATION)	DOWNSTREAM DEPTH	AVERAGE DEPTH	60" RCP IN TRENCH RELIEF	8" PVC STORM	8" PVC COMBINATION	10" PVC SANITARY	10" PVC STORM	12" PVC COMBINATION	12" PVC STORM	15" PVC STORM	18" RCP COMBINATION	18" RCP STORM	24" RCP STORM	ROCK EXCAVATION	TRENCH BACKFILL CA-6, CY
					PAY ITEM CODE	550A0800	550B0320	550B0320	550B0330	550B0330	550B0340	550B0340	550B0360	550B0380	550B0380	550B0410	20200200	20800150
40	183	4.00	184	4.22	4.1		37											2.7
40	184	4.49	312	5.08	4.8						129							15.2
40	(310)	4.50	311	4.00	4.3		15											1.3
40	311	4.00	312	4.54	4.3					11								0.9
40	313	3.99	312	4.83	4.4					25								2.2
40	312	5.28	600	5.70	5.5							288						77.1
40	350	3.61	610	3.49	3.6				260									0.0
41	599	4.00	600	4.31	4.2		5											0.4
41	601	4.17	600	4.76	4.5						19							1.7
41	600	5.90	825	7.57	6.7									225				121.0
41	610	3.59	840	5.08	4.3				230									0.0
41	(724)	7.50	(728)	7.50	7.5		34											20.0
41	(757)	3.95	(758)	6.40	5.2		19											5.2
41	824	4.17	825	4.76	4.5						19							1.7
41	826	4.00	825	4.31	4.2		5											0.4
41	825	7.97	1110	10.20	9.1									285	41.9			276.9
41	840	5.18	1030	5.60	5.4				190									28.9
41	936	3.58	(935)	9.00	6.3					12								5.0
42	1030	5.70	1340	7.12	6.4				310						1.5			134.3
42	1109	10.54	1110	9.60	10.1						32							32.2
42	1110	10.20	1250	10.56	10.4									140				173.1
42	1179	4.00	(1180)	10.70	7.4					19								11.0
42	1249	4.04	1250	4.62	4.3					19								1.5
42	1251	4.00	1250	4.62	4.3					13								1.0
42	1250	10.56	1470	11.68	11.1									220				303.4
42	1340	7.22	1480	7.44	7.3				140									78.9
42	1469	4.04	1470	4.63	4.3					19								1.5
42	1471	4.00	1470	4.63	4.3					13								1.0
42	1470	11.68	1550	12.34	12.0									80				125.0
42	1480	7.54	1573	8.21	7.9				95									61.7
42	1550	13.79	(1574)	14.00	13.9									34	6.3			66.3
42	1655	7.55	1573	8.21	7.9				85						16.8			55.2
42	1665	13.37	(1588)	14.00	13.7									80				152.7
43	2005	7.72	1655	7.45	7.6				350									212.3
43	1664	4.04	1665	4.63	4.3		19											1.7
43	1666	4.00	1665	4.63	4.3					13								1.0
43	1845	12.55	1665	12.37	12.5									179	17.4			297.9
43	1844	4.00	1845	4.59	4.3		19											1.7
43	1846	9.38	1845	9.83	9.6													13.9
43	(1847)	9.50	1846	9.38	9.4									13				21.6
43	2229	8.98	1845	10.80	9.9									384				430.3
43	2271	5.73	2005	7.62	6.7				266									126.8
44	2228	4.36	2229	5.03	4.7		13											1.6
44	2259	4.00	2229	5.03	4.5		35											3.7
44	2600	6.02	2229	8.98	7.5									370				252.8
44	2480	4.17	2271	5.63	4.9				208									27.7
44	2599	4.04	2600	4.63	4.3					19								1.5
44	2601	4.63	2600	5.26	4.9					13								1.7
44	2750	5.44	2600	5.82	5.6						150							42.6
44	2749	4.04	2750	4.63	4.3		19											1.7
44	2751	4.00	2750	4.63	4.3		13											1.2
44	2893	4.67	2750	5.11	4.9													19.1
45	2905	4.14	2893	4.53	4.3		23											2.0
45	2906	4.00	2893	4.53	4.3		18											0.0
46	(6050)	6.50	6055	6.27	6.4													2.4
46	6055	8.13	1573	8.82	8.5				46					5				0.0
46	1573	8.31	6152	8.82	8.6					52								39.4
46	(6041)	16.00	(6046)	16.00	16.0		5									5.9		13.6
46	(6046)	16.00	(6075)	16.00	16.0		31									27.6		84.4
46	(6075)	16.00	(1588)	16.00	16.0		14									12.4		38.1
46	(1588)	16.00	(1574)	16.00	16.0		24									21.3		65.4
46	(1574)	16.00	(6147)	16.00	16.0		34									25.9		92.6
TOTALS						108	274	46	2,134	319	52	167	470	5	1,013	1,018	177	3,558

SCHEDULE OF QUANTITIES - WATER MAIN										
SHEET	UNDERGROUND INFO					PAY ITEM CODE				
	STRUCTURE # or (STATION)	DEPTH	STRUCTURE # or (STATION)	DEPTH	AVERAGE DEPTH	56103000	56103100	56103300	60266910	20800150
					6" DIP	8" DIP	12" DIP	WATER MAIN CASING 24"	TRENCH BACKFILL	
47	68	5.50	(79)	5.50	5.5				40	15.7
47	(78)	7.50	(98)	7.50	7.5				20	13.6
47	(79)	6.00	(159)	6.00	6.0					37.4
47	147	5.50	(148)	5.50	5.5		41			16.7
47	(148)	5.50	149	5.50	5.5	5				2.1
47	(148)	5.50	(196)	5.50	5.5		57			23.2
47	(159)	5.50	(196)	5.50	5.5			30		11.8
47	(196)	5.50	(201)	5.50	5.5			5		2.0
47	(201)	5.50	205	5.50	5.5			5		2.0
47	(201)	5.50	201	5.50	5.5	16				6.6
47	205	5.50	(490)	5.50	5.5			284		111.5
47	(490)	5.50	490	5.50	5.5	13				5.4
48	(490)	5.50	(673)	5.50	5.5			183		71.8
48	(673)	5.50	(690)	5.50	5.5			17		6.7
48	(690)	5.50	735	5.50	5.5			45		17.7
48	735	5.50	(785)	5.50	5.5			50		19.6
48	(785)	5.50	785	5.50	5.5	12				5.0
48	(785)	5.50	(835)	5.50	5.5			50		19.6
48	(835)	5.50	829	5.50	5.5			28		11.0
48	(835)	5.50	(1037)	5.50	5.5			202		79.3
48	(1037)	5.50	(1074)	5.50	5.5			37		14.5
48	(1074)	5.50	(1079)	5.50	5.5			5		2.0
48	(1079)	5.50	1079	5.50	5.5	10				4.1
49	(1079)	5.50	1165	5.50	5.5			86		33.8
49	1165	5.50	(1219)	5.50	5.5			54		21.2
49	(1219)	5.50	1221	5.50	5.5		27			11.0
49	(1219)	5.50	1524	5.50	5.5			304		119.3
49	1524	5.50	(1545)	5.50	5.5			21		8.2
49	(1545)	5.50	(1584)	5.50	5.5			39		15.3
49	(1584)	5.50	1656	5.50	5.5			72		28.3
50	1656	5.50	(1860)	5.50	5.5			205		80.5
50	(1860)	5.50	1860	5.50	5.5	10				4.1
50	(1860)	5.50	(2146)	5.50	5.5			287		112.6
50	(2146)	5.50	2146	5.50	5.5	12				5.0
51	(2146)	5.50	(2292)	5.50	5.5			146		57.3
51	(2292)	5.50	(2291)	5.50	5.5			12		4.7
51	(2292)	5.50	2297	5.50	5.5			5		2.0
51	2297	5.50	(2302)	5.50	5.5			5		2.0
51	(2302)	5.50	2306	5.50	5.5			44		17.3
51	(2302)	5.50	(2613)	5.50	5.5			312		122.4
51	(2613)	5.50	2613	5.50	5.5	12				5.0
51	(2613)	5.50	(2860)	5.50	5.5			247		96.9
52	(2860)	5.50	2860	5.50	5.5	12				5.0
52	(2860)	5.50	2915	5.50	5.5			55		21.6
52	2915	5.50	(2936)	5.50	5.5			26		10.2

