

SCHEDULE OF QUANTITIES FOR ELECTRICAL ITEMS ARE SHOWN IN THE TRAFFIC PLANS.

CONTRACT NO.: 83943

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	96-00159-00-CH	KANE	70	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EARTHWORK, LANDSCAPING, EROSION CONTROL						
CODE NO.	PAY ITEM	UNIT	STA. 89+79 TO STA. 103+00	STA. 103+00 TO STA. 104+84	STA. 4+60 TO STA. 8+83	TOTAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	40	0	0	40
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	0	0	36	36
20101200	TREE ROOT PRUNING	EACH	1	0	2	3
20200100	EARTH EXCAVATION	CY YD	1025	25	209	1259
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY YD	457	6	57	520
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CY YD	234	0	0	234
20800150	TRENCH BACKFILL	CY YD	239	70	22	331
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1111	192	208	1511
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	21	4	4	29
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	21	4	4	29
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	21	4	4	29
25200110	SODDING, SALT TOLERANT	SO YD	1111	192	208	1511
28000255	TEMPORARY EROSION CONTROL SEEDING	ACRE	0.23	0.04	0.04	0.30
28000400	PERIMETER EROSION BARRIER	FOOT	1491	308	433	2232
28000510	INLET FILTERS	EACH	16	5	9	30
A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	0	2	7
D2003124	EVERGREEN, PSUEDOTSUGA MENZIESII (DOUGLAS FIR), 2' HEIGHT, BALLED AND BURLAPPED	EACH	1	0	0	1

BASE COURSES						
CODE NO.	PAY ITEM	UNIT	STA. 89+79 TO STA. 103+00	STA. 103+00 TO STA. 104+84	STA. 4+60 TO STA. 8+83	TOTAL
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2721	102	616	3439
35300210	PORTLAND CEMENT CONCRETE BASE COURSE 7 1/2"	SQ YD	1880	0	365	2245
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	125	38	0	163

SURFACE COURSES, PAVEMENTS, REHABILITATION AND SHOULDERS						
CODE NO.	PAY ITEM	UNIT	STA. 89+79 TO STA. 103+00	STA. 103+00 TO STA. 104+84	STA. 4+60 TO STA. 8+83	TOTAL
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	946	98	164	1208
40600300	AGGREGATE (PRIME COAT)	TON	19	2	3	24
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	16	15	9	40
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	43	0	47	90
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	430	0	0	430
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	14	4	0	18
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	0	0	142	142
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	947	95	0	1042
42001300	PROTECTIVE COAT	SQ YD	12	0	67	79
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	0	0	11	11
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	12	0	56	68
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	7570	919	2264	10753
42400800	DETECTABLE WARNINGS	SQ FT	30	0	6	36
44000100	PAVEMENT REMOVAL	SQ YD	131	0	57	188
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	0	0	1279	1279
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	6245	945	0	7190
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1254	0	0	1254
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	787	41	132	960
44000300	CURB REMOVAL	FOOT	79	0	45	124
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1818	370	543	2731
44000600	SIDEWALK REMOVAL	SQ FT	7329	829	2360	10518
44000705	BARRIER MEDIAN REMOVAL	SQ FT	531	0	308	839
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	0	0	4	4
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	24	0	12	36
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	49	0	0	49
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	278	180	0	458

STRUCTURES						
CODE NO.	PAY ITEM	UNIT	STA. 89+79 TO STA. 103+00	STA. 103+00 TO STA. 104+84	STA. 4+60 TO STA. 8+83	TOTAL
50104600	CONCRETE RETAINING WALL REMOVAL	FOOT	60	0	0	60
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	282	0	56	338
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	42	0	34	76
55019800	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 21"	FOOT	0	196	0	196
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	331	0	0	331
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	219	0	0	219
55100100	STORM SEWER REMOVAL 4"	FOOT	0	0	6	6
55100400	STORM SEWER REMOVAL 10"	FOOT	18	0	0	18
55100500	STORM SEWER REMOVAL 12"	FOOT	6	0	0	6
55100700	STORM SEWER REMOVAL 15"	FOOT	260	0	39	299
55100900	STORM SEWER REMOVAL 18"	FOOT	0	196	0	196
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	10	0	0	10
56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	0	0	1

INCIDENTAL CONSTRUCTION						
CODE NO.	PAY ITEM	UNIT	STA. 89+79 TO STA. 103+00	STA. 103+00 TO STA. 104+84	STA. 4+60 TO STA. 8+83	TOTAL
60107600	PIPE UNDERDRAINS 4"	FOOT	484	184	0	668
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	0	1	2
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	0	3	7
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	1	0	4
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	5	0	2	7
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	0	0	2	2
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	4	0	5
60256940	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	0	0	1
60260100	INLETS TO BE ADJUSTED	EACH	1	0	0	1
60266500	VALVE VAULTS TO BE REMOVED	EACH	1	0	0	1
60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	5	0	1	6
60300405	VALVE BOX FRAMES TO BE ADJUSTED	EACH	4	0	0	4
60500040	REMOVING MANHOLES	EACH	3	1	0	4
60500050	REMOVING CATCH BASINS	EACH	6	0	3	9
60500060	REMOVING INLETS	EACH	1	0	0	1
60600605	CONCRETE CURB, TYPE B	FOOT	129	31	85	245
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	25	0	33	58
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1897	370	499	2766
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	534	0	0	534
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	331	0	234	565
63200310	GUARDRAIL REMOVAL	FOOT	16	0	0	16
66900200	NON-SPECIAL WASTE DISPOSAL	CY YD	0	0	0	0
66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	0	0	0	0
66900530	SOIL DISPOSAL ANALYSIS	EACH	0	0	0	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	0	0	0	0
67100100	MOBILIZATION	L SUM	0	0	0	0
Z0076600	TRAINEES	HOURL	0	0	0	0
XX005656	INLET FILTER CLEANING	EACH	91	28	49	168
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SO FT	133	0	0	133
X0323463	BILLBOARD REMOVAL	EACH	1	0	0	1
X0323800	FENCE REMOVAL SPECIAL	L SUM	0	0	0	0
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	0	0	1	1
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	2	2	7
X7240205	REMOVE SIGN COMPLETE	EACH	2	0	0	2
	REMOVE WATER STRUCTURE	EACH	1	0	0	1

SIGNING AND PAVEMENT MARKING						
CODE NO.	PAY ITEM	UNIT	STA. 89+79 TO STA. 103+00	STA. 103+00 TO STA. 104+84	STA. 4+60 TO STA. 8+83	TOTAL
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	0	0	0	0
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	0	0	0	0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	0	0	0	0
70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	L SUM	0	0	0	0
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	109	0	61	170
70300725	TEMPORARY PAINT PAVEMENT MARKING 4" WHITE	FOOT	3031	804	400	4235
70300735	TEMPORARY PAINT PAVEMENT MARKING 6" WHITE	FOOT	742	0	90	832
70300760	TEMPORARY PAINT PAVEMENT MARKING 24" WHITE	FOOT	100	0	36	136
70300825	TEMPORARY PAINT PAVEMENT MARKING 4" YELLOW	FOOT	7866	1036	800	9702
70300845	TEMPORARY PAINT PAVEMENT MARKING 12" YELLOW	FOOT	226	0	0	226
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4538	613	578	5729
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	0	7	12
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	268	0	195	463
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5144	468	1343	6955
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1250	0	301	1551
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	324	0	18	342
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	126	0	24	150
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	125	16	16	157
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	112	18	16	146
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	51	64	89	204
X0322662	TEMPORARY SIGNING	EACH	2	0	5	7
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	0	0	0	0

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION (CY)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CY)	EMBANKMENT (CY)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CY)	UNSUITABLE MATERIAL (CY)	APPROXIMATE UNSUITABLE MATERIAL DUE TO UNDERCUTS (CY)	TOPSOIL FURNISH AND PLACE (SQ YD)
STA 89+79 TO STA 103+00 AND STA 8+91 TO STA 9+38	1025	871	243	628	223	234	1111
STA 103+00 TO STA 104+84	25	21	0	21	6	0	192
STA 4+50 TO STA 8+50	209	178	19	158	57	0	208
TOTAL	1259	1070	262	808	286	234	1511

SHRINKAGE FACTOR: EARTH EXCAVATION: 15%

LOCATION	TOTAL UNSUITABLE MATERIAL (CY)
STA 89+79 TO STA 103+00 AND STA 8+91 TO STA 9+38	457
STA 103+00 TO STA 104+84	6
STA 4+50 TO STA 8+50	57
TOTAL	520

REVISIONS	
NAME	DATE



Robert H. Anderson & Associates, Inc.
 Consulting Engineers
 Timbers Professional Center
 220 West River Drive, St. Charles, IL 60174
 Phone - 630.584.3530 Fax - 630.584.3047

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 31 AND WING STREET

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ. NONE
 DATE: FEBRUARY 13, 2008
 DRAWN BY: TC
 DESIGN BY: TC
 CHECKED BY: KMA