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INDEX OF STANDARDS

STANDARD NUMBER	STANDARD NAME
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREA OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631032-08	TRAFFIC BARRIER TERMINAL TYPE 6A
635006-03	REFLECTOR AND TERMINAL MARKER REPLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT OF WAY MARKERS
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

SUMMARY OF QUANTITIES

ITEM #	ITEM	UNIT	TOTAL QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	2.1
20200100	EARTH EXCAVATION	CU YD	145
20300100	CHANNEL EXCAVATION	CU YD	945
20400800	FURNISHED EXCAVATION	CU YD	1601
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	100
25000200	SEEDING, CLASS 2	ACRE	1.6
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	144
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	144
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	144
25100115	MULCH, METHOD 2	ACRE	1.6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	640
28000305	TEMPORARY DITCH CHECKS	FOOT	32
28000400	PERIMETER EROSION BARRIER	FOOT	150
28100207	STONE RIPRAP, CLASS A4	TON	621
28200200	FILTER FABRIC	SQ YD	677
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	921
48100100	AGGREGATE SHOULDERS, TYPE A	TON	157
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	85
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	56.2
50300260	BRIDGE DECK GROOVING	SQ YD	540
50300280	CONCRETE ENCASEMENT	CU YD	21.5
50300300	PROTECTIVE COAT	SQ YD	578
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	5153
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	14760
50901050	STEEL RAILING, TYPE SM	FOOT	344
51201400	FURNISHING STEEL PILES HP10X42	FOOT	550
51500100	NAME PLATES	EACH	1
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	1548
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	37
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	175
63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	100
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	100
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	4
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	68
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	22
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	2720
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	6
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	4
78200410	GUARDRAIL MARKERS, TYPE A	EACH	26
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	3
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	118
Z0062000	SAW CUTTING	FOOT	44
Z0065000	SETTING PILES IN ROCK	EACH	22
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	67
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	921
X5030305	CONCRETE WEARING SURFACE, 5"	SQ YD	573

△ SPECIALTY ITEMS

△ REVISED 2/20/13

SHELBY COUNTY
NEOGA BRIDGE PROJECT
F.A.S. 656
SECTION 06-00265-00-BR
DETAILS

Earthwork Schedule

Station to Station	Location	Earth Excavation	Earth Excavation (Adjusted for Shrinkage)	Embankment	Earth Balance-Waste(+) or Shortage(-)
189+72 to 192+25.58	West Approach	69	52	864	(-) 812
193+99.08 to 196+52	East Approach	76	57	846	(-) 789
Total:		145	109	1710	(-)1601 **

Notes: All quantities are in cubic yards.

** Furnished Excavation Required.

Channel Excavation	
Station to Station	Quantity (cubic yards)
192+25.58 to 193+99.08	945
Total:	945

***No channel excavation shall be suitable for use in embankment construction. The cost of disposing excess channel excavation shall be included in the contract unit price for channel excavation.

Additional Notes: Channel shall be shaped Right Of Way line to Right of Way line as directed by engineer.

TREE REMOVAL - ACRES		
STA TO STA	O/S	QUANTITY
189+72 TO 196+52	75' LT	1.2 ACRES
189+72 TO 196+52	65' RT - 60' RT	0.9 ACRES
TOTAL:		2.1 ACRES

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH			
STA TO STA	LOCATION	O/S	QUANTITY
190+25 TO 192+25.88	MAINLINE (WEST SIDE)	LT & RT	491 YD ²
193+99.08 TO 195+75	MAINLINE (EAST SIDE)	LT & RT	430 YD ²
TOTAL			921 YD²

AGGREGATE SHOULDERS TYPE A			
STA TO STA	LOCATION	O/S	QUANTITY
190+25 TO 192+25.88	MAINLINE (WEST SIDE)	LT & RT	84 TON
193+99.08 TO 195+75	MAINLINE (EAST SIDE)	LT & RT	73 TON
TOTAL			157 TON

PCC CONCRETE PAVEMENT 8" JOINTED			
STA TO STA	LOCATION	O/S	QUANTITY
190+25 TO 192+25.88	MAINLINE (WEST SIDE)	LT & RT	491 YD ²
193+99.08 TO 195+75	MAINLINE (EAST SIDE)	LT & RT	430 YD ²
TOTAL			921 YD²

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