

UTILITY CONTACTS

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IDOT HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
 515001-03 NAME PLATE FOR BRIDGES
 542401-01 METAL END SECTIONS FOR PIPE CULVERTS
 630001-10 STEEL PLATE BEAM GUARDRAIL
 630301-06 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
 701901-02 TRAFFIC CONTROL DEVICES
 BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
 BLR 27-1 TRAFFIC BARRIER TERMINAL TYPE 5A

GENERAL NOTES

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTHS OF PIPE CULVERTS PRIOR TO ORDERING THESE ITEMS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

ALL DISTURBED EARTH SURFACES WITHIN THE LIMITS OF THE RIGHT-OF-WAY AND EASEMENTS SHALL BE SEEDED AS DIRECTED BY THE ENGINEER.

BITUMINOUS PRIME COAT SHALL BE MC-30.

BITUMINOUS COVER & SEAL COAT SHALL BE HFE-150.

ESTIMATED QUANTITIES

ITEM	RATE OF APPLICATION	QUANTITIES
SEEDING CLASS 2	= 200 LBS./ACRE	= 300 POUNDS
NITROGEN FERTILIZER NUTRIENTS	= 90 LBS./ACRE	= 135 POUNDS
PHOSPHORUS FERTILIZER NUTRIENTS	= 90 LBS./ACRE	= 135 POUNDS
POTASSIUM FERTILIZER NUTRIENTS	= 90 LBS./ACRE	= 135 POUNDS
MULCH METHOD 2	= 2 TONS/ACRE	= 3 TONS
BITUMINOUS MATERIAL (PRIME COAT)	= 0.375 GAL/SY	= 1,256 GALLONS
BITUMINOUS MATERIALS (COVER & SEAL COATS)	= 0.35 GAL/SY	= 3,197 GALLONS
COVER COAT AGGREGATE	= 25 LBS/SY	= 77 POUNDS
SEAL COAT AGGREGATE	= 25 LBS/SY	= 39 POUNDS

EARTHWORK SUMMARY

EARTH EXCAVATION.....886 CU YD (IN PLACE)
 STRUCTURE EXCAVATION.....173 CU YD (IN PLACE)
 CHANNEL EXCAVATION.....544 CU YD (IN PLACE)
 TOTAL FILL REQ'D..... 4,012 CU YD (IN PLACE)

ESTIMATE OF FILL FROM EARTH EXC = 664 CU YD
 ESTIMATE OF FILL FROM STRUCT EXC = 87 CU YD
 ESTIMATE OF FILL FROM CHANNEL EXC = 272 CU YD
 FURNISHED EXCAVATION REQUIRED = 2,989 CU YD

SUMMARY OF QUANTITIES

CODE NO.	DESCRIPTION	UNITS	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	69
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	135
20100500	TREE REMOVAL, ACRES	ACRE	0.1
20200100	EARTH EXCAVATION	CU YD	886
20300100	CHANNEL EXCAVATION	CU YD	544
20400800	FURNISHED EXCAVATION	CU YD	2,989
20800150	TRENCH BACKFILL	CU YD	42
25000200	SEEDING, CLASS 2	ACRE	1.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135
25100115	MULCH, METHOD 2	ACRE	1.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	300
28000305	TEMPORARY DITCH CHECKS	FOOT	412
28000400	PERIMETER EROSION BARRIER	FOOT	1,590
28000500	INLET AND PIPE PROTECTION	EACH	2
28100207	STONE RIPRAP, CLASS A4	TON	581
28200200	FILTER FABRIC	SO YD	640
35100100	AGGREGATE BASE COURSE, TYPE A	TON	1,433
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,256
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	3,197
40300500	COVER COAT AGGREGATE	TON	77
40300600	SEAL COAT AGGREGATE	TON	39
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1
50104400	CONCRETE HEADWALL REMOVAL	EACH	2
50105220	PIPE CULVERT REMOVAL	FOOT	40
50200100	STRUCTURE EXCAVATION	CU YD	74
50200300	COFFERDAM EXCAVATION	CU YD	219
50201121	COFFERDAM (TYPE 2) (LOCATION-1)	EACH	1
50201122	COFFERDAM (TYPE 2) (LOCATION-2)	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	104.6
50300280	CONCRETE ENCASEMENT	CU YD	3.6
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SO FT	3,061
50800105	REINFORCEMENT BARS	POUND	9,220
50900205	STEEL RAILING, TYPE S1	FOOT	258
51201400	FURNISHING STEEL PILES HP10X42	FOOT	502
51202305	DRIVING PILES	FOOT	152
51203400	TEST PILE STEEL HP10X42	EACH	2
51500100	NAME PLATES	EACH	1
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	34
542D1093	PIPE CULVERTS, CLASS D, TYPE 2 48"	FOOT	86
54215559	METAL END SECTIONS 24"	EACH	2
54215583	METAL END SECTIONS 48"	EACH	2
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	25
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2
67100100	MOBILIZATION	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X2810206	STONE RIPRAP, CLASS A3 (SPECIAL)	TON	44
X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	380
Z0065000	SETTING PILES IN ROCK	EACH	14
542D0220	PIPE CULVERTS, CLASS D, TYPE 1, 18"	FOOT	48

* SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

FILE NAME = G:\S89013\CADD Sheets\9813-General Notes.dgn	USER NAME = RickG	DESIGNED -	REVISED - Δ 2/27/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARDS, GENERAL NOTES & SUMMARY OF QUANTITIES	C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 18,0000' / in.	CHECKED -	REVISED -	12			09-00267-00-BR	SHELBY	24	2	
PLOT DATE = 1/2/2013	DATE -	REVISED -	CONTRACT No. 95700							
			SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

