

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M.S. 2700	05-00186-00-BR 06-00001-00-BR	JEFFERSON BLUFORD	31	2
FED. ROAD DIST. NO.	ILLINOIS CONTRACT NO. 99297			

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE REMOVAL OF THE EXISTING AGGREGATE BASE COURSE AND A-2 SURFACE WILL BE PAID FOR AS EARTH EXCAVATION. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF AS APPROVED BY THE ENGINEER
- THE LOCATIONS OF EXISTING ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS UNTIL THE OWNER, HIS AGENT, PROFESSIONAL LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX OF SHEETS SHALL BE USED IN THE CONSTRUCTION OF THIS SECTION.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES
 AGGREGATE SURF. CSE. 2.05 TON/CU YD
 RIPRAP SPECIAL 1.75 TON/CU YD
- TREES WITHIN THE RIGHT-OF-WAY WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER. ESTIMATED QUANTITY: TREE REMOVAL (6-15 UNITS) = 300 UNITS
 TREE REMOVAL (OVER 15 UNITS) = 40 UNITS
- THE CONTRACTOR SHALL CONSULT THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS BEFORE ORDERING THESE ITEMS.

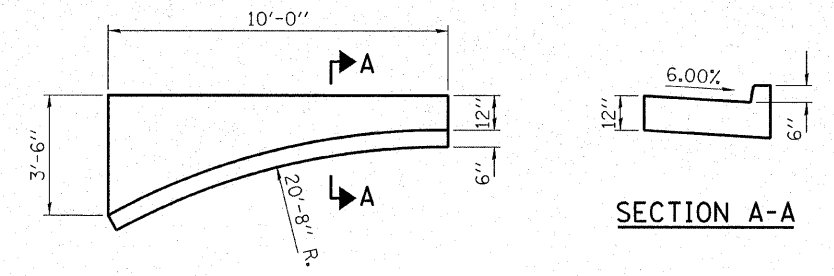
SUMMARY OF QUANTITIES

		CONSTRUCTION CODE X180-5B	
CODE NO	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	300
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	40
20200100	EARTH EXCAVATION	CU YD	970
20200200	ROCK EXCAVATION	CU YD	15
20400800	FURNISHED EXCAVATION	CU YD	4,380
> 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.3
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	260
28000300	TEMPORARY DITCH CHECKS	EACH	19
28000400	PERIMETER EROSION BARRIER	FOOT	810
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1,625
> 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100
40300300	BITUMINOUS MATERIALS (COVERS AND SEAL COATS)	GALLON	1000
40300500	COVER COAT AGGREGATE	TON	84
40300600	SEAL COAT AGGREGATE	TON	42
42001300	PROTECTIVE COAT	SQ YD	100
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	552
48101200	AGGREGATE SHOULDERS, TYPE B	TON	110
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	120
50300225	CONCRETE STRUCTURES	CU YD	175.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	44.6
50300280	CONCRETE ENCASEMENT	CU YD	2.6
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	3,168
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	2,112
50500505	STUD SHEAR CONNECTORS	EACH	20
50800105	REINFORCEMENT BARS	POUND	40,940
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4,320
50900105	ALUMINUM RAILING, TYPE L	FOOT	160
50901050	STEEL RAILING, TYPE SM	FOOT	165
> 51100500	BITUMINOUS COATED AGGREGATE SLOPEWALL 6"	SQ YD	481
51201400	FURNISHING STEEL PILES HP10X42	FOOT	230
51202305	DRIVING PILES	FOOT	230
51203400	TEST PILE STEEL HP10X42	EACH	1
51500100	NAME PLATES	EACH	1
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	272
542A1909	PIPE CULVERTS, CLASS A, TYPE 3 24"	FOOT	106
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 15"	EACH	3
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 24"	EACH	2
59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	37
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	108
> * 63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	50
> * 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2
> * 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
> 67100100	MOBILIZATION	L SUM	1
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
> Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
> * LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	4

> SEE SPECIAL PROVISIONS
 * SPECIALTY ITEMS

EARTHWORK SCHEDULE						
LOCATION	EARTH EXCAVATION (CU YD)	SHRINKAGE FACTOR	PERCENT USED	AVAILABLE EXCAVATION (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE (CU YD)
STA. 2+00 TO STA. 9+19.25	700	25%	100%	525	2,102	-1,576
STA. 9+19.25 TO STA. 10+80.75	58	25%	100%	43	177	-134
STA. 10+80.75 TO STA. 14+00	115	25%	100%	87	2,395	-2,308
STA. 99+50 TO STA. 101+79	93	25%	100%	69	320	-250
ENTRANCES					110	-110
TOTAL	966			724	5,104	-4,379
USE:	970					4,380

* AVAILABLE EXCAVATION = EXC. x (1-SHRINKAGE FACTOR) x % USED (FURN EXC)



B6.12 GUTTER OUTLET
 COST INCLUDED PER FOOT FOR CONC. CURB AND GUTTER TYPE B-6.12

TRAFFIC BARRIER TERMINAL, TYPE 5		
LOCATION		EACH
RT. STA. 9+04.58 TO STA. 9+19.25		1
RT. STA. 10+80.75 TO STA. 10+95.42		1
TOTAL		2

TRAFFIC BARRIER TERMINAL, TYPE 5A		
LOCATION		EACH
LT. STA. 9+04.58 TO STA. 9+17.83		1
LT. STA. 10+82.17 TO STA. 10+95.42		1
TOTAL		2

STEEL PLATE BEAM GUARDRAIL, TYPE B		
LOCATION		FOOT
RT. STA. 8+92.1 TO STA. 9+04.6		12.5
LT. STA. 8+92.1 TO STA. 9+04.6		12.5
RT. STA. 10+95.4 TO STA. 11+07.9		12.5
LT. STA. 10+95.4 TO STA. 11+07.9		12.5
TOTAL		50

TRAFFIC BARRIER TERMINAL, TYPE 1		
LOCATION		EACH
RT. STA. 8+67.1 TO STA. 8+92.1		1
LT. STA. 8+67.1 TO STA. 8+92.1		1
RT. STA. 11+07.9 TO STA. 11+32.9		1
LT. STA. 11+07.9 TO STA. 11+32.9		1
TOTAL		4

PORTLAND CEMENT CONCRETE SIDEWALK			
LOCATION	WIDTH		SQ FT
RT. & LT. STA. 8+65.0 TO STA. 9+19.25	5'-1"		276
RT. & LT. STA. 10+80.75 TO STA. 11+35.0	5'-1"		276
TOTAL			552

AGGREGATE SHOULDERS, TYPE B		
LOCATION		TON
RT. & LT. STA. 8+25 TO STA. 9+19		55
RT. & LT. STA. 10+80 TO STA. 11+35		55
TOTAL		110

COMB. CONC. CURB & GUTTER, TYPE B-6.12		
LOCATION		FOOT
RT. & LT. STA. 8+65.0 TO STA. 9+19.25		54
RT. & LT. STA. 10+80.75 TO STA. 11+35.0		54
TOTAL		108

HAMPTON, LENZINI & RENWICK, INC
 CIVIL & STRUCTURAL ENGINEERS
 LAND SURVEYORS

HLR

3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-49-0005-1 DATE: 03/21/07
 DESIGNED: J.W.F. CHECKED: S.W.M. DRAWN: D.B.

SUMMARY OF QUANTITIES AND GENERAL NOTES
 SECTIONS 05-00186-00-BR / 06-00001-00-BR
 VILLAGE OF BLUFORD
 JEFFERSON COUNTY