

GENERAL NOTES

1. 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.
2. 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
3. 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.
4. 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.
5. THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX OF SHEETS SHALL BE USED IN THE CONSTRUCTION OF THIS SECTION.
6. 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
7. 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
8. THE CONTRACTOR SHALL CONSULT THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS BEFORE ORDERING THESE ITEMS.

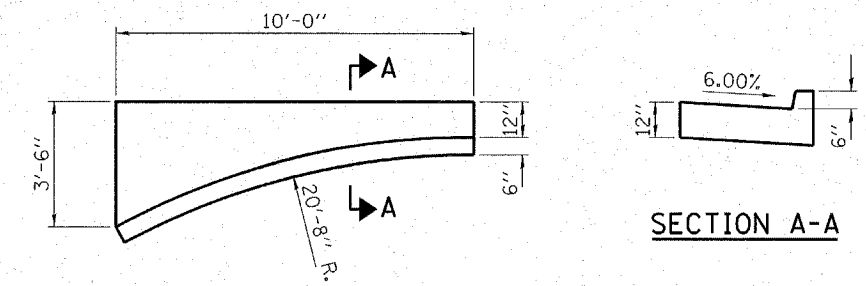
SUMMARY OF QUANTITIES			
		CONSTRUCTION CODE X180-58	
CODE NO	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	300
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	40
20200100	EARTH EXCAVATION	CU YD	970
20200200	ROCK EXCAVATION	CU YD	15
20400800	FURNISHED EXCAVATION	CU YD	4,380
>	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
Δ	40200100 AGGREGATE SURFACE COURSE, TYPE A	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

Δ Revised 5/25/07

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	

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 LAND SURVEYORS

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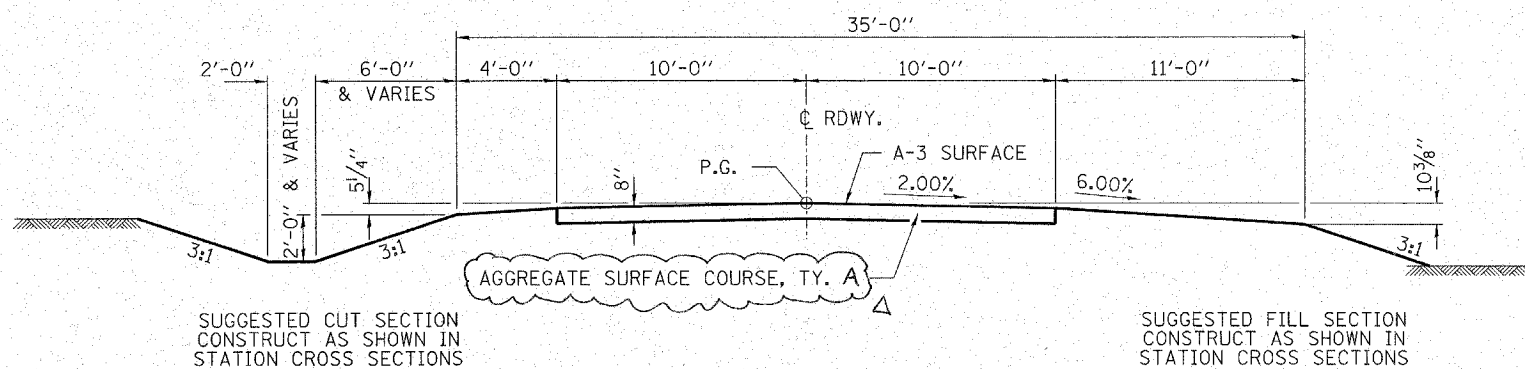
3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 546-3400

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

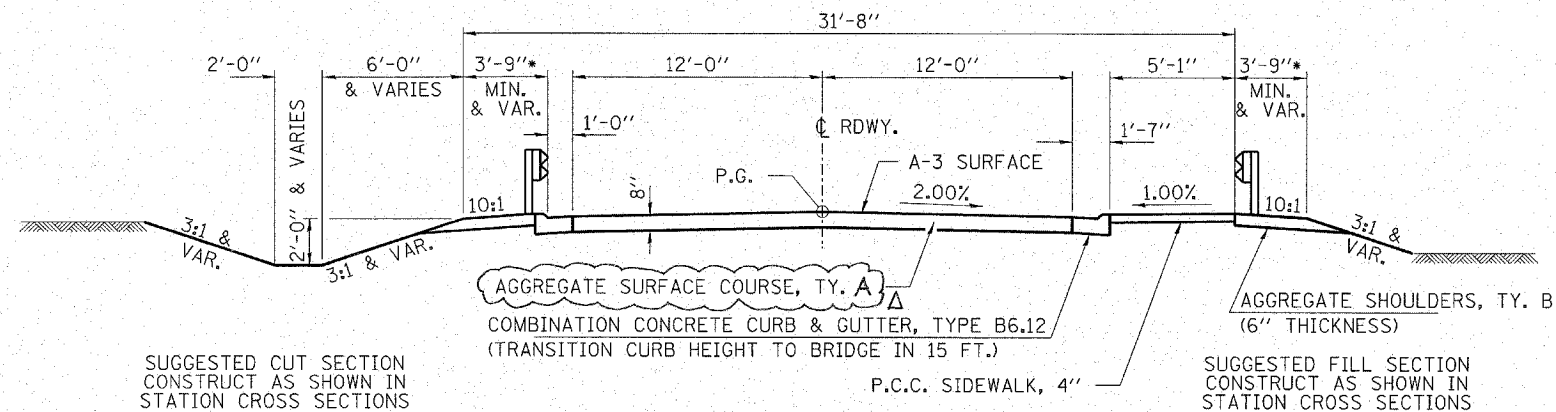
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M.S. 2700	05-00186-00-BR 06-00001-00-BR	JEFFERSON BLUFORD	31	3
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 9929	



TYPICAL CROSS SECTION

STA. 7+20 TO STA. 8+25
STA. 11+75 TO STA. 12+55

TRANSITION PROPOSED SECTION FROM
STA. 8+25 TO STA. 8+65 AND FROM
STA. 11+35 TO STA. 11+75.

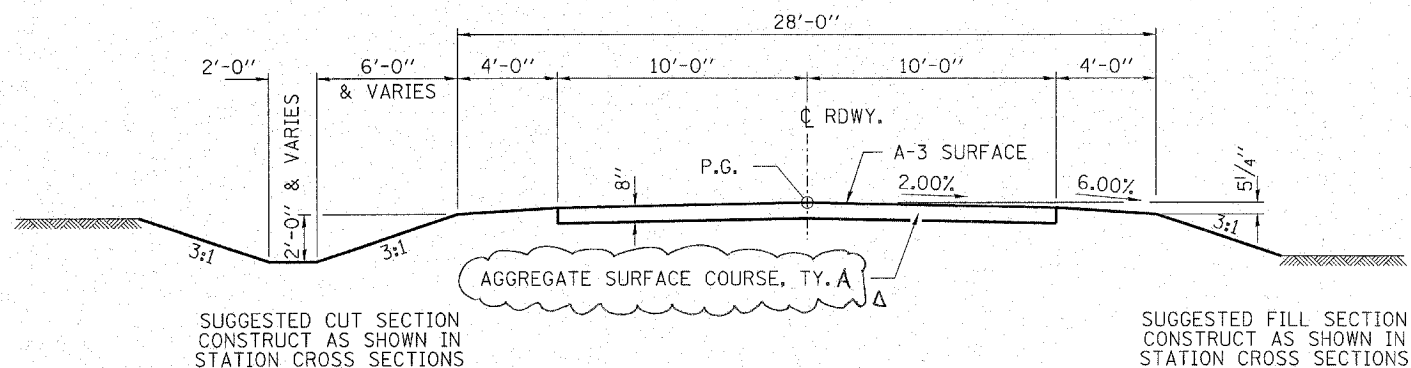


TYPICAL CROSS SECTION

STA. 8+65.0 TO STA. 9+19.25
STA. 10+80.75 TO STA. 11+35.0

TRANSITION TO ADJACENT TYPICAL CROSS SECTION
TO BE CONSTRUCTED FROM STA. 8+25 TO STA. 8+65
AND STA. 11+35 TO STA. 11+75.

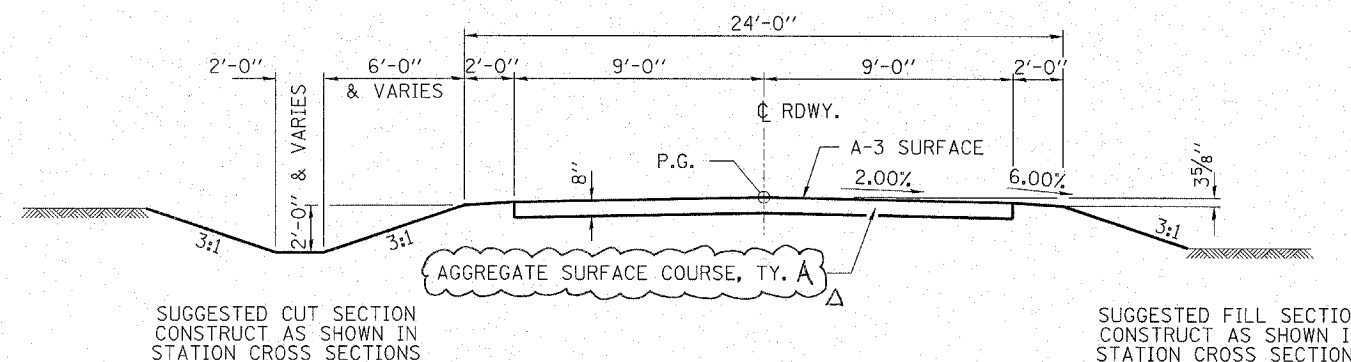
* SEE STD. 630301 FOR WIDENING
AT TERMINAL SECTIONS.



TYPICAL CROSS SECTION

STA. 2+50 TO STA. 7+20
STA. 12+55 TO STA. 14+00

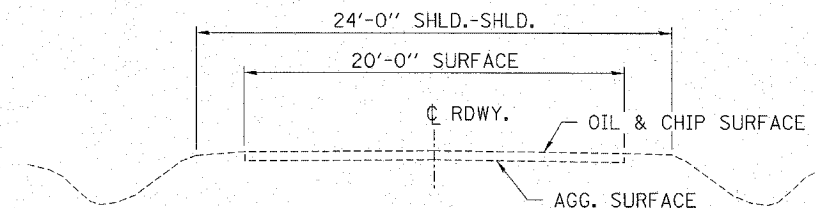
TRANSITION FROM THE PROPOSED ROADWAY TO
THE EXISTING ROADWAY IS TO BE CONSTRUCTED
FROM STA. 2+00 TO STA. 2+50 AND FROM
STA. 13+50 TO STA. 14+00.



TYPICAL CROSS SECTION - SIDE ROAD

STA. 99+50 TO STA. 101+89.77

TRANSITION FROM THE PROPOSED ROADWAY TO
THE EXISTING ROADWAY IS TO BE CONSTRUCTED
FROM STA. 99+50 TO STA. 100+00.



EXISTING CROSS SECTION

△ Revised 5/25/07

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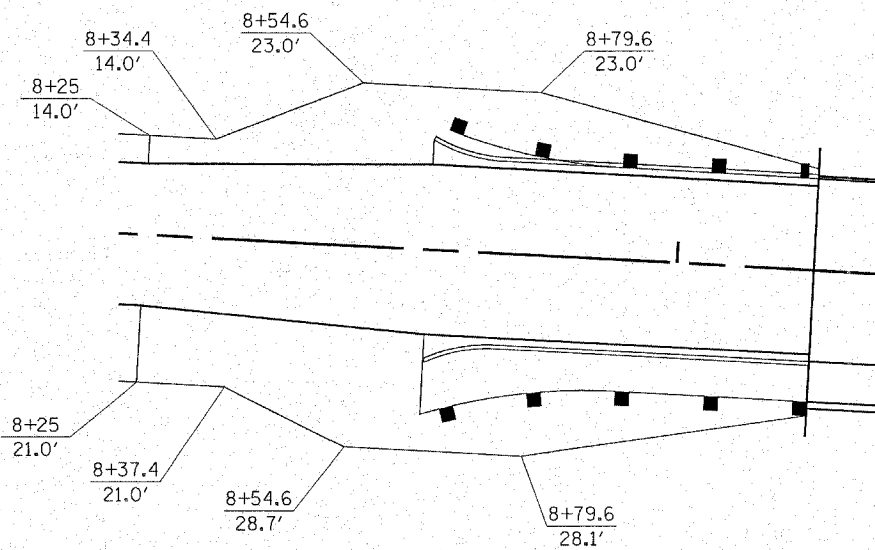
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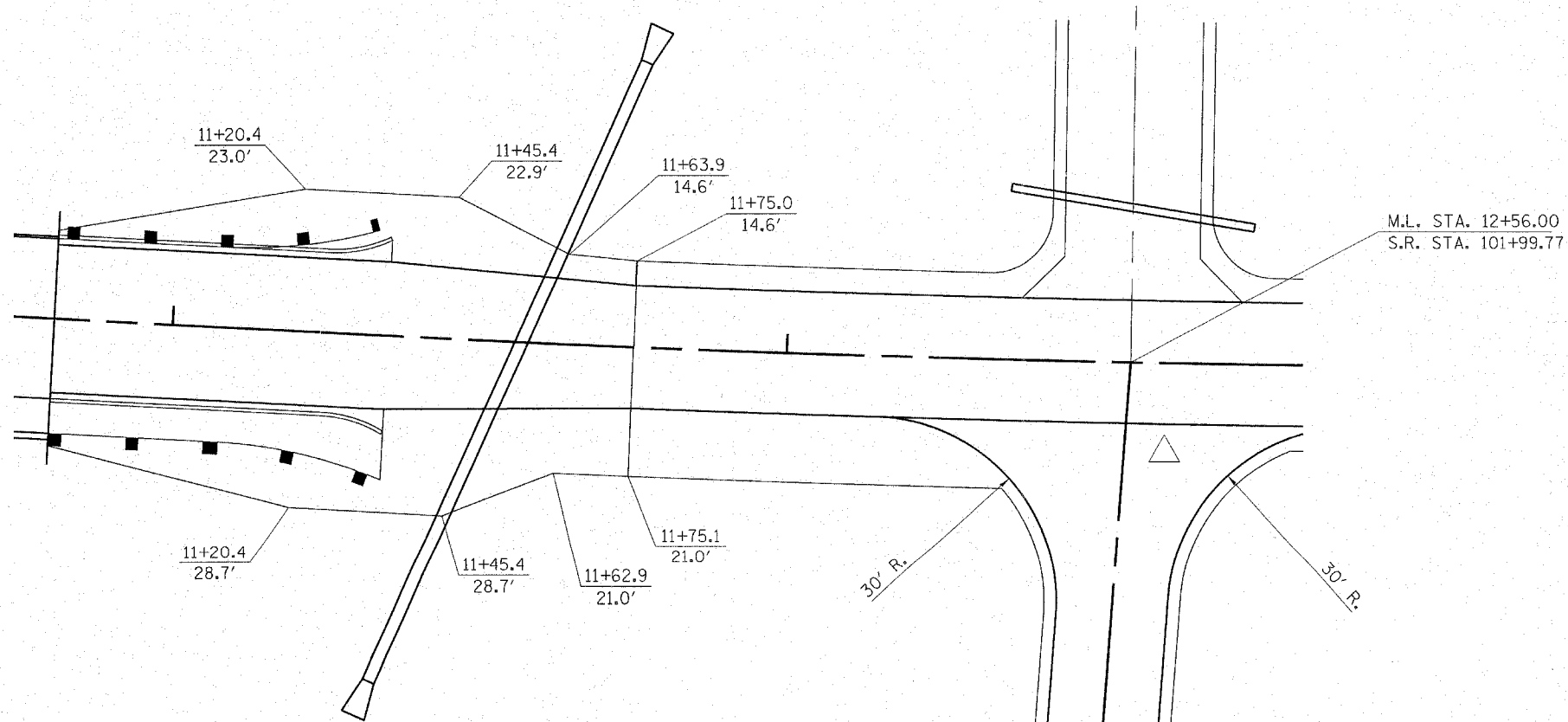
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TYPICAL CROSS SECTIONS
SECTIONS 05-00186-00-BR / 06-00001-00-BR
VILLAGE OF BLUFORD
JEFFERSON COUNTY

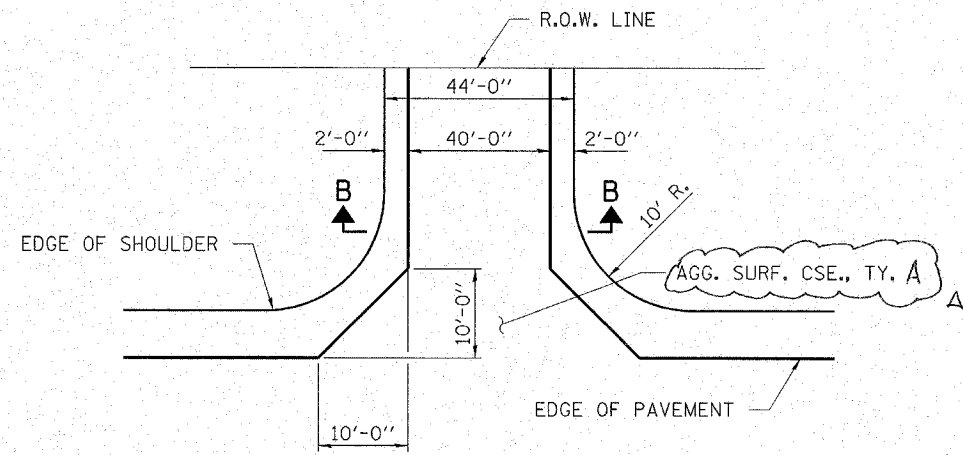
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
M.S. 2700	05-00186-00-BR 06-00001-00-BR	JEFFERSON BLUFORD	31	4
FED. ROAD DIST. NO.	ILLINOIS CONTRACT NO. 99297			



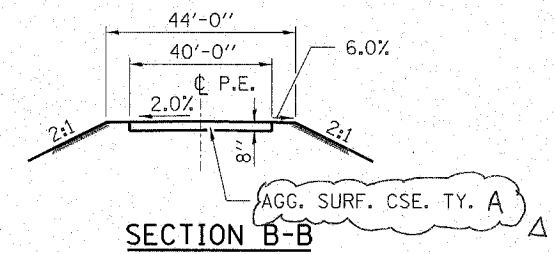
GUARDRAIL WIDENING DETAIL



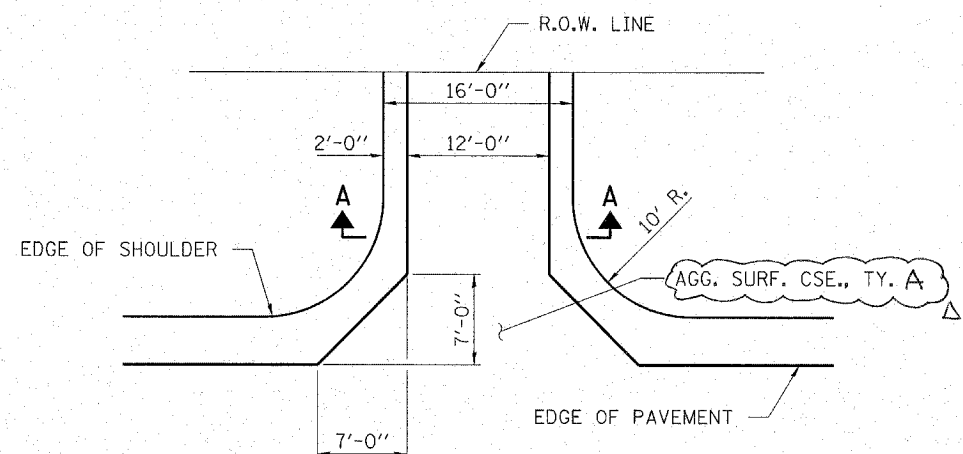
INTERSECTION DETAIL



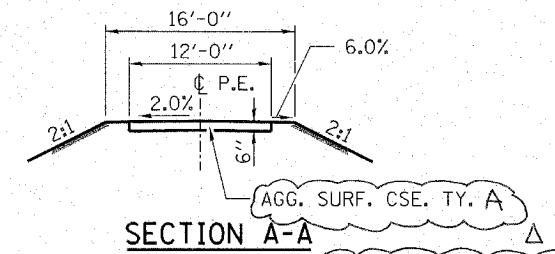
COMMERCIAL ENTRANCE DETAIL



SECTION B-B



PRIVATE ENTRANCE DETAIL



SECTION A-A

Revised 5/25/07

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INTERSECTION AND ENTRANCE DETAILS
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