

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 291	94-14131-00-BR	VERMILION	12	2
FED. ROAD DIST. NO.	ILLINOIS	PROJECT	BROS-183(86)	

CONTRACT NO. 91323

GENERAL NOTES

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

SEEDING DATES FOR ALL CLASSES OF SEEDING WILL BE AS LISTED BELOW:

CLASS OF SEEDING	BEGINNING DATES	TERMINATION
1, 1A, 1B, 2, 2A, 3 (IN SPRING)	APRIL 1	MAY 15
1, 1A, 1B, 2, 2A, 3 (IN FALL)	AUGUST 15	OCTOBER 15

ALL TREES WITHIN THE RIGHT-OF-WAY AND EASEMENTS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.

WHERE SECTION AND SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION DESTROYED BY HIS OPERATION.

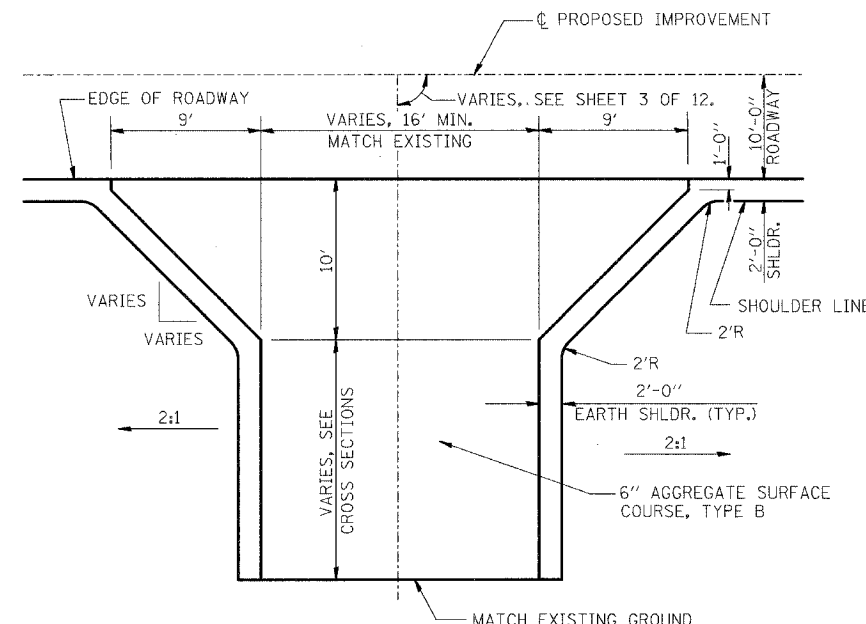
LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION.

REMOVAL OF EXISTING AGGREGATE MATERIAL AND OIL AND CHIP BITUMINOUS MATERIAL SHALL BE INCLUDED IN EARTH EXCAVATION.

APPLICATION RATES

GRANULAR MATERIALS	2.05	TONS/CU. YD.
NITROGEN FERTILIZER NUTRIENT	90	LBS./ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90	LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LBS./ACRE
MULCH METHOD 2	2	TONS/ACRE



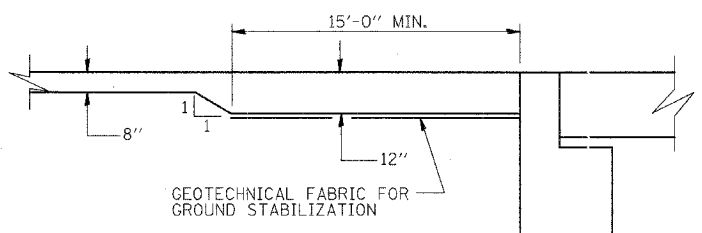
ENTRANCE DETAIL

AGGREGATE SURFACE COURSE, TYPE B
TOTAL = 71 TONS

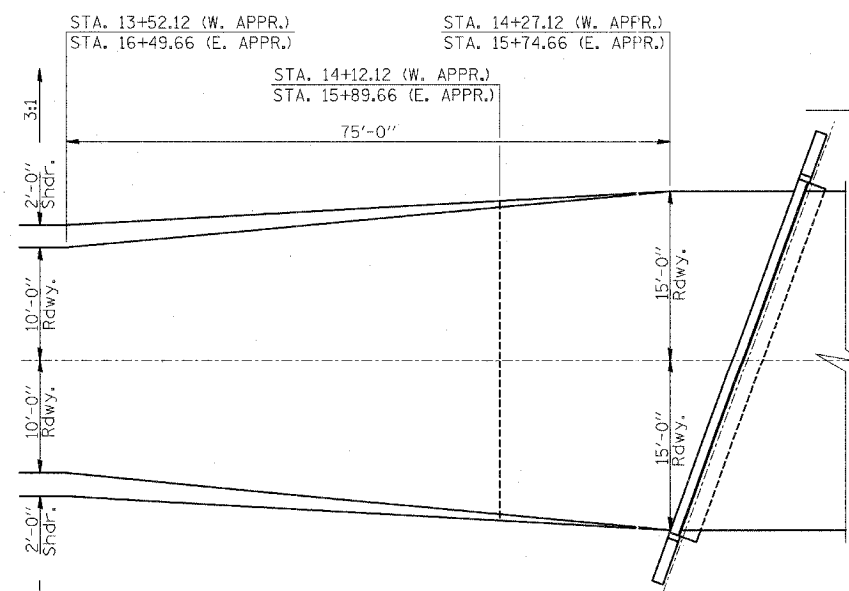
SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	333
20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	164
20200100 EARTH EXCAVATION	CU YD	295
20300100 CHANNEL EXCAVATION	CU YD	217
20400800 FURNISHED EXCAVATION	CU YD	899
21001000 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	143
25000200 SEEDING, CLASS 2	ACRE	0.7
25000400 NITROGEN FERTILIZER NUTRIENT	POUND	63
25000500 PHOSPHORUS FERTILIZER NUTRIENT	POUND	63
25000600 POTASSIUM FERTILIZER NUTRIENT	POUND	63
25100115 MULCH, METHOD 2	ACRE	0.7
25301800 SEEDLINGS	UNIT	1.41
28000200 EARTH EXCAVATION FOR EROSION CONTROL	CU YD	80
28000250 TEMPORARY EROSION CONTROL SEEDING	POUND	70
28000300 TEMPORARY DITCH CHECKS	EACH	16
28000400 PERIMETER EROSION BARRIER	FOOT	223
28000500 INLET AND PIPE PROTECTION	EACH	5
40200800 AGGREGATE SURFACE COURSE, TYPE B	TON	817
50300300 PROTECTIVE COAT	SQ YD	444
50100100 REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100 STRUCTURE EXCAVATION	CU YD	145
50300110 PREFORMED JOINT SEAL 1 3/4"	FOOT	32
50300150 NEOPRENE EXPANSION JOINT 2"	FOOT	32
50300225 CONCRETE STRUCTURES	CU YD	71.7
50500405 FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	910
50800205 REINFORCEMENT BARS, EPOXY COATED	POUND	4740
51201600 FURNISHING STEEL PILES HP12X53	FOOT	220
51202700 DRIVING STEEL PILES	FOOT	220
51203600 TEST PILE STEEL HP12X53	EACH	2
51204315 CONCRETE ENCASEMENT	CU YD	7.7
51500100 NAME PLATES	EACH	1
** 542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	158
63100075 TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
63100167 TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4
** XX004565 GROUTED RIPRAP	SO YD	204
** XX004566 CONCRETE CUT-OFF WALL	CU YD	5.1
** Z0013798 CONSTRUCTION LAYOUT	L SUM	1
XX006191 ** PRE-ENGINEERED TRUSS SUPERSTRUCTURE	EACH	1

**SEE SPECIAL PROVISIONS

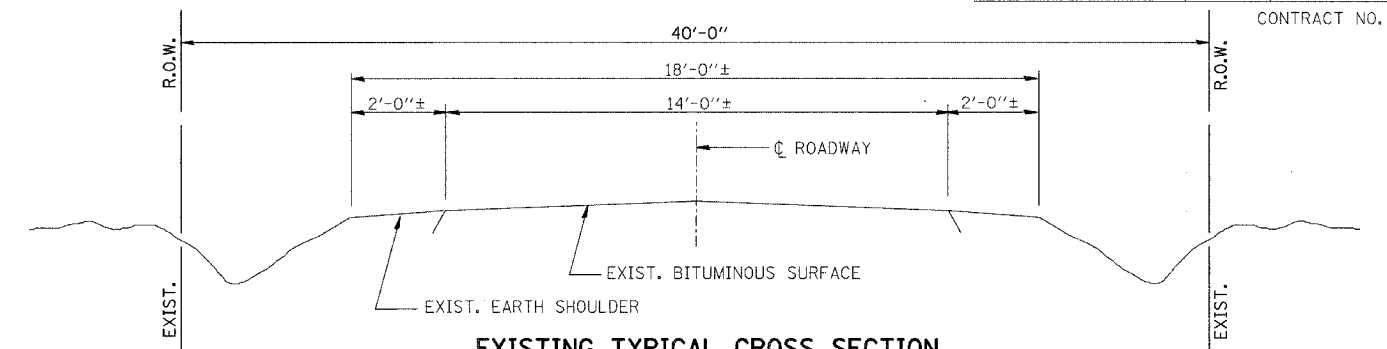


AGGREGATE THICKNESS TRANSITION AT BRIDGE

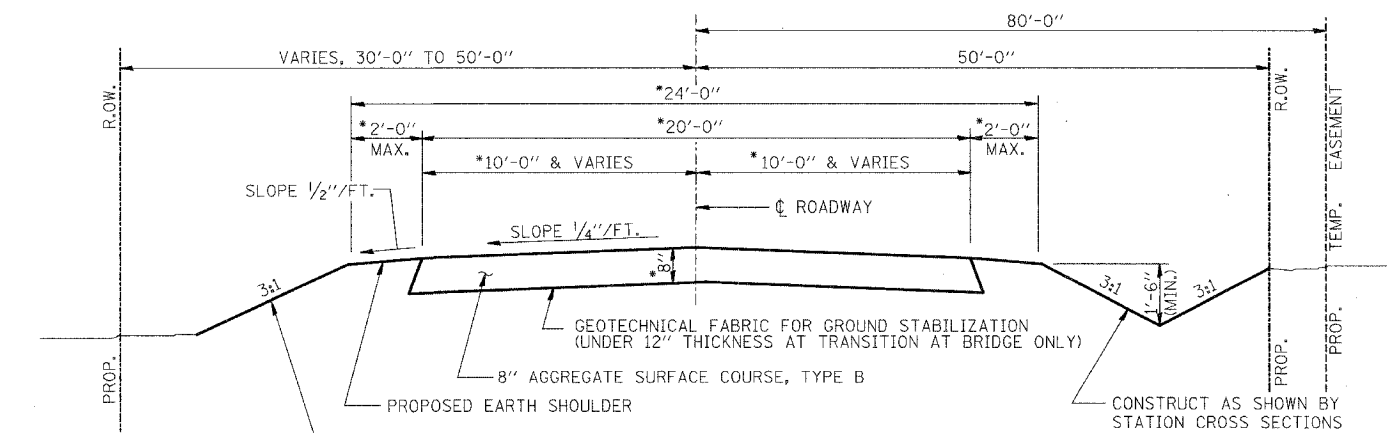


ROADWAY TRANSITION AT BRIDGE

(WEST APPROACH TRANSITION SHOWN, EAST OPPOSITE HAND)



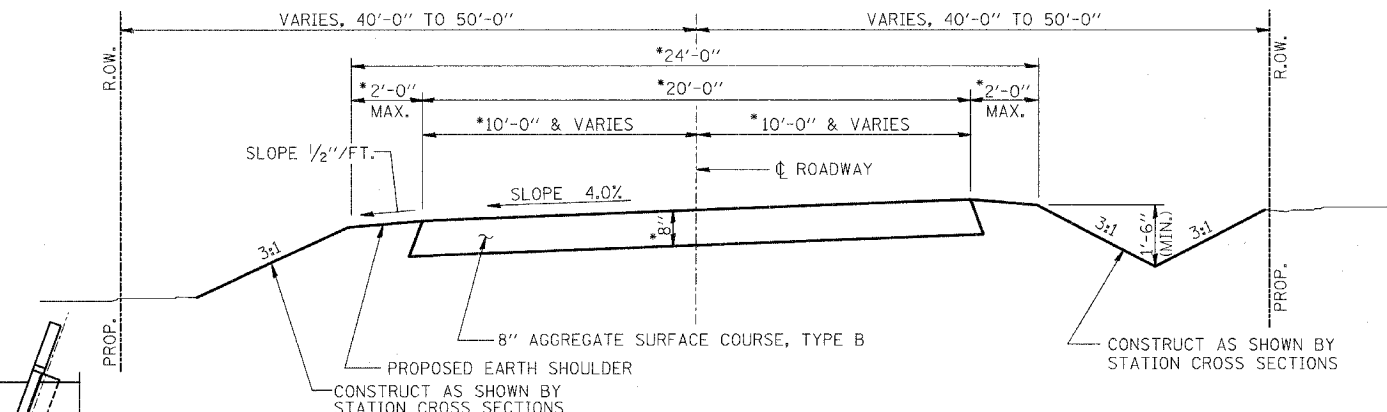
EXISTING TYPICAL CROSS SECTION



PROPOSED TYPICAL CROSS SECTION

STA. 12+00.00 TO STA. 13+52.12
(TRANSITION STA. 11+00.00 TO STA. 12+00.00) * VARIES, SEE "ROADWAY TRANSITION AT BRIDGE" DETAIL AND "AGGREGATE THICKNESS TRANSITION AT BRIDGE" DETAIL, THIS SHEET AND STD. 630301.
(TRANSITION STA. 13+52.12 TO STA. 14+32.58)
(TRANSITION STA. 15+69.20 TO STA. 16+00.80)
(TRANSITION STA. 18+66.14 TO STA. 19+00.00)

CONSTRUCT AS SHOWN BY STATION CROSS SECTIONS



PROPOSED TYPICAL CROSS SECTION

STA. 17+00.80 TO STA. 17+66.14
(TRANSITION STA. 16+00.80 TO STA. 17+00.80)
(TRANSITION STA. 17+66.14 TO STA. 18+66.14)

CONSTRUCT AS SHOWN BY STATION CROSS SECTIONS

GENERAL DATA

Date	Designed MJP	T.R. 291 OVER STONEY CREEK SECTION 94-14131-00-BR VERMILION COUNTY OAKWOOD TOWNSHIP STA. 15+00.89 PROP. STR. NO. 092-3488
Revisions	Drawn BKN	
	Checked KWB	
	Approved KWB	
Prepared by:	URS 3040 North University Avenue Decatur, IL 62526	
	URS Job No. 36430707	