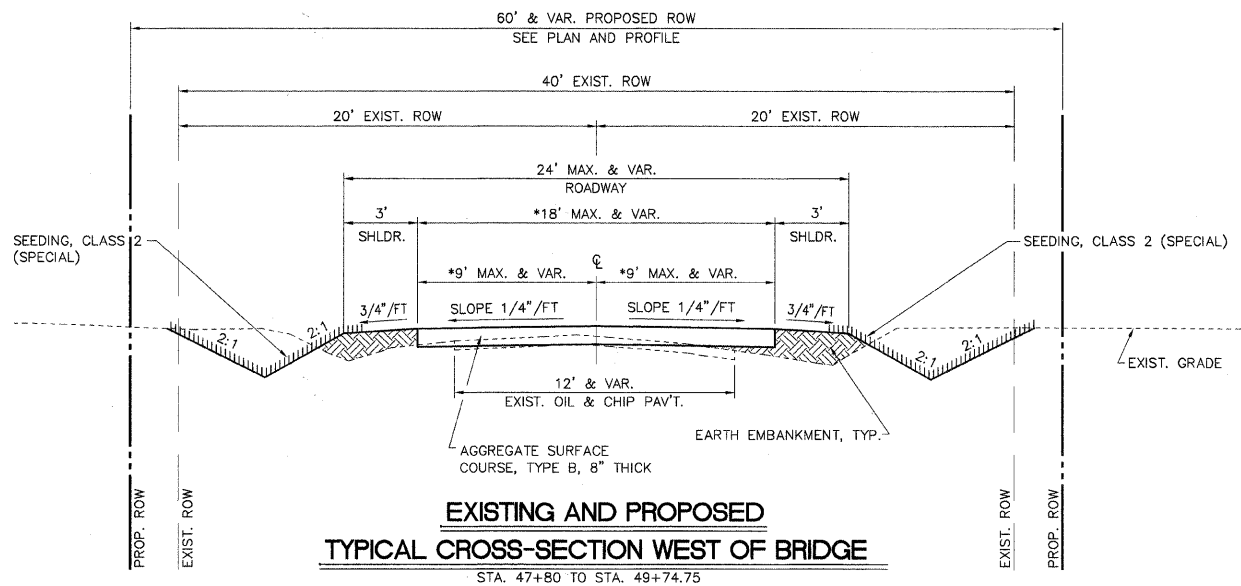
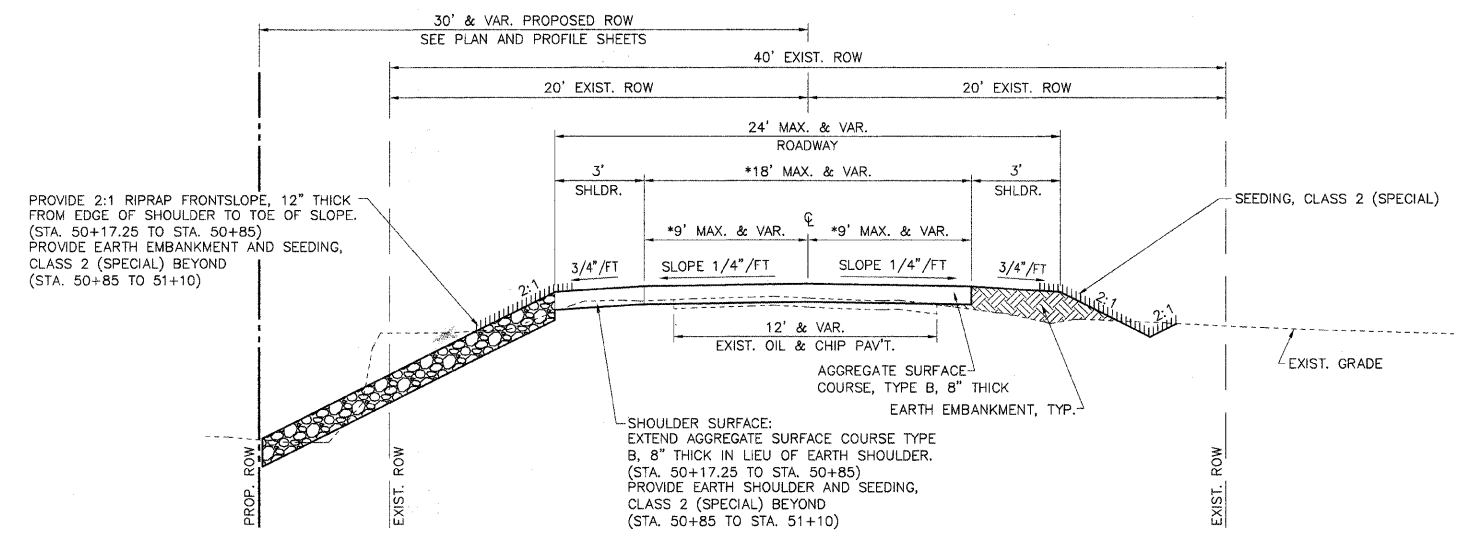


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 297	07-06117-00-BR	MARION	12	2
FEDERAL AID PROJECT		ILLINOIS	PROJECT	
CONTRACT NO. 97460				



**EXISTING AND PROPOSED
TYPICAL CROSS-SECTION WEST OF BRIDGE**
STA. 47+80 TO STA. 49+74.75

* TRANSITION FROM EXISTING 12' PAVEMENT TO PROPOSED 18' PAVEMENT
STA. 47+80 TO STA. 48+70. PROVIDE 18' PROPOSED PAVEMENT
STA. 48+70 TO STA. 49+74.75.



**EXISTING AND PROPOSED
TYPICAL CROSS-SECTION EAST OF BRIDGE**
STA. 50+17.25 TO STA. 51+10

* TRANSITION FROM PROPOSED 18' PAVEMENT TO
EXISTING 12' PAVEMENT, STA. 50+17.25 TO STA. 51+10.

EXTRA BARS FOR TEST SAMPLES

BAR NO.	NO.	SIZE	LENGTH	SHAPE
h	1	#4	5'-0"	—
u	1	#6	11'-1"	—
p	1	#7	24'-9"	—

THESE BARS SHALL BE IDENTICAL TO AND DELIVERED WITH THE BARS OF THE SAME MARK LISTED ON THE BRIDGE SHEETS. ONE BAR OF EACH OF THESE MARKS WILL BE SELECTED BY THE ENGINEER TO BE USED AS A TEST SAMPLE. THIS CHART ASSUMES THAT ALL BARS OF THE SAME SIZE ON THE JOB WILL HAVE THE SAME HEAT NUMBERS. IF BARS OF THE SAME SIZE ON THE JOB HAVE DIFFERENT HEAT NUMBERS, THEN THE CONTRACTOR SHALL SUPPLY ADDITIONAL BARS FROM OTHER HEAT NUMBERS FOR SAMPLING BY THE ENGINEER AT NO ADDITIONAL COST.

THE COST TO FURNISH THESE EXTRA BARS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER POUND FOR REINFORCEMENT BARS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

GENERAL NOTES

- THIS SECTION SHALL BE CONSTRUCTED ACCORDING TO THE PLANS, THE SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007.
- THE SHRINKAGE FACTOR FOR EMBANKMENT IS 25%.
- BITUMINOUS SURFACE TREATMENT (A-2) WILL BE COMPLETED BY THE OWNER.
- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.
- COMMITMENTS: NONE AS OF AUGUST 15, 2011.

SUMMARY OF QUANTITIES

CODE NO.	ITEM	QUANTITY	UNIT
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	26	UNIT
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	52	UNIT
20200100	EARTH EXCAVATION	164	CU. YD.
20300100	CHANNEL EXCAVATION	155	CU. YD.
20400800	FURNISHED EXCAVATION	180	CU. YD.
28000305	TEMPORARY DITCH CHECKS	40	FOOT
28100807	STONE DUMPED RIPRAP, CLASS A4	172	TON
40200800	AGGREGATE SURFACE COURSE, TYPE B	228	TON
50100100	REMOVAL OF EXISTING STRUCTURES	1	EACH
50300225	CONCRETE STRUCTURES	16.6	CU. YD.
50300280	CONCRETE ENCASEMENT	2.1	CU. YD.
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	984	SQ. FT.
50800105	REINFORCEMENT BARS	2240	POUND
* 50900205	STEEL RAILING, TYPE S1	82	FOOT
51201400	FURNISHING STEEL PILES HP 10x42	455	FOOT
51202305	DRIVING PILES	455	FOOT
51203400	TEST PILE STEEL HP 10x42	1	EACH
51500100	NAME PLATES	1	EACH
67100100	MOBILIZATION	1	L. SUM
* 78201000	TERMINAL MARKER - DIRECT APPLIED	4	EACH
X2501000	SEEDING, CLASS 2 (SPECIAL)	0.14	ACRE

* SPECIALTY ITEM

<p>RHUTASEL and ASSOCIATES, INC. CONSULTING ENGINEERS • LAND SURVEYORS CENTRALIA, ILLINOIS FREEBURG, ILLINOIS</p>	PREPARED FOR: <p>AECOM 200705482</p>	T.R. 297, SECTION 07-06117-00-BR IUKA ROAD DISTRICT MARION COUNTY, ILLINOIS	TYPICAL CROSS SECTIONS, GENERAL NOTES, AND SUMMARY OF QUANTITIES	SURVEY JAS DESIGN JMW DRAWN JMW	CHECKED APPROVED	DATE 08/15/11 REVISED JOB NO. 51010
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