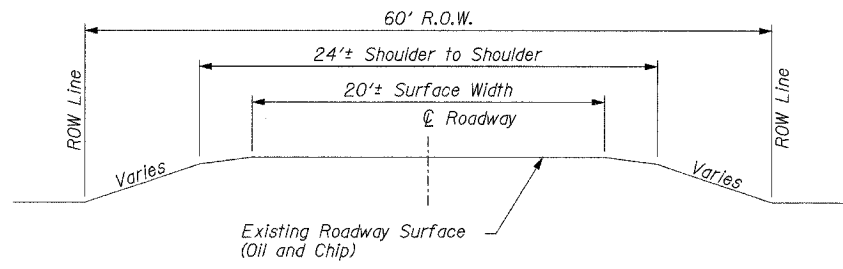
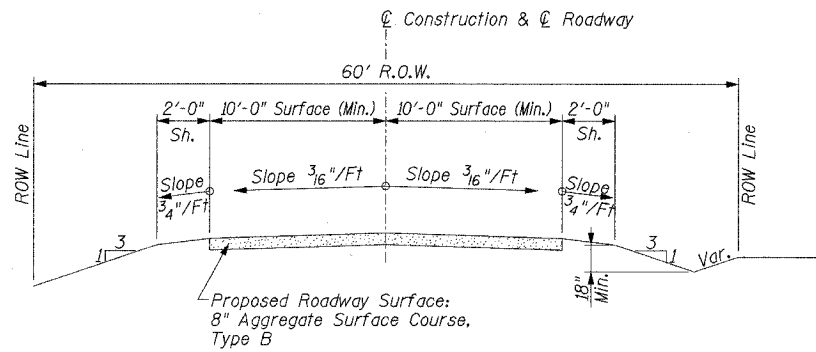


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 16	00-00115-00-BR 00-00115-01-BR	MARION	14	2
ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97287				



TYPICAL SECTION  
EXISTING APPROACH ROADWAY



TYPICAL SECTION  
PROPOSED APPROACH ROADWAY

SUMMARY OF QUANTITIES

Code No.	Item	Unit	Quantity	STP-RURAL		HBP	
				Sec. 00-00115-01-BR		Sec. 00-00115-00-BR	
				Construct. Type Code	Type Code	Construct. Type Code	Type Code
	Location						
				E000	X081-2A	E000	X081-2A
20300100	CHANNEL EXCAVATION	CU YD	680	-	380	-	300
20700110	POROUS GRANULAR EMBANKMENT	TON	66	-	32	-	34
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.2	0.1	-	0.1	-
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	310	-	131	-	179
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	86	39	-	47	-
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2	-	1	-	1
50300225	CONCRETE STRUCTURES	CU YD	40.8	-	19.6	-	21.2
50300280	CONCRETE ENCASEMENT	CU YD	5.6	-	2.8	-	2.8
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	3430	-	1750	-	1680
50800105	REINFORCEMENT BARS	POUND	6660	-	3240	-	3420
50900205	STEEL RAILING, TYPE S1	FOOT	248	-	128	-	120
* 51201600	FURNISHING STEEL PILES HP12X53	FOOT	655	-	400	-	255
* 51202305	DRIVING PILES	FOOT	655	-	400	-	255
* 51203600	TEST PILE STEEL HP12X53	EACH	3	-	1	-	2
51204650	PILE SHOES	EACH	8	-	-	-	8
51500100	NAME PLATES	EACH	2	-	1	-	1
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	30	-	-	30	-
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	30	30	-	-	-
Δ 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4	2	-	2	-
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	4	2	-	2	-
67100100	MOBILIZATION	L SUM	1	-	-	-	-
Δ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	4	-	4	-

\* The Contractor shall drive three (3) Steel HP12x53 Test Piles in production pile locations as shown on the Plans and as directed by the Engineer before ordering the remainder of the piles.

Δ Specialty Items

GENERAL NOTES

This section shall be constructed in accordance with the plans, the Special Provisions, and the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2007.

If 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 markers and monuments until owner, an authorized Surveyor or agent has witnessed or otherwise referenced their location. See Special Provisions.

Centerline profiles refer to the finished surface.

All Earthwork, including necessary shoulder widening for Traffic Barrier Terminals, shall be considered incidental to Channel Excavation, and no additional compensation will be allowed.

Any reference to a Standard in these plans shall be interpreted to mean the edition as indicated by the sub-number listed in the Index of Sheets or the copy of the Standard included in these plans.

Existing utilities shown are located from surface observations or information provided by the respective utilities and must be considered approximate. There may be others, the exact location of which are unknown and not shown. The Contractor will be responsible for notifying the respective utilities before work is begun. Field marking of underground utilities may be obtained by providing a minimum of 48 hours advance notice through the J.U.L.I.E. system by calling 1-800-892-0123, or by direct contact with non-members of J.U.L.I.E.

The nominal thickness for surface course is shown on the Typical Sections, Standards, Schedules, or Special Details. The constructed thickness of the above item shall not be less than 90 percent of the nominal thickness at any location.

Factors used for quantity calculations are as follows:

- Porous Granular Embankment 2.1 tons/cu. yd.
- Stone Dumped Riprap 130 pounds/cu. ff.
- Aggregate Surface Course 2.1 tons/cu. yd.

Bar	No.	Size	Length	Shape
s	1	#4	9'-5"	□
h <sub>1</sub>	1	#5	4'-3"	—
u	1	#6	8'-0"	□
p	1	#7	28'-8"	—

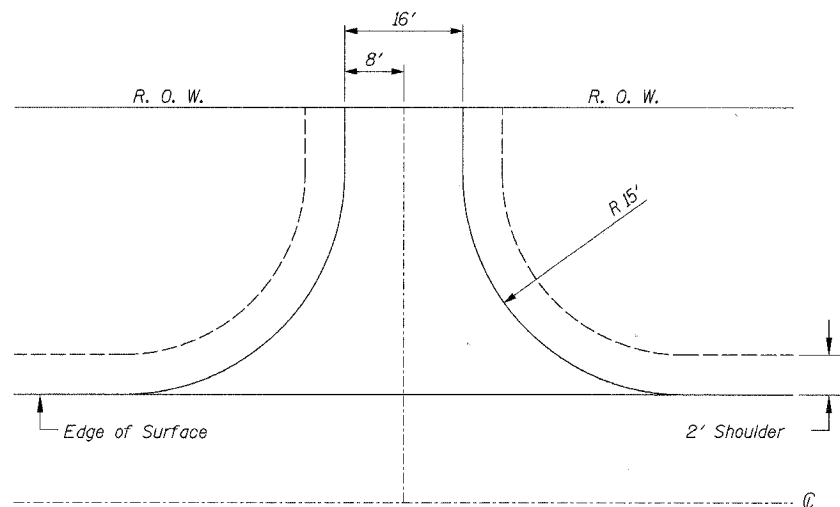
These bars shall be identical to and delivered with the bars of the same mark listed on the bridge sheets. One bar of each of these marks will be selected by the Engineer to be used as a test sample. This chart assumes that all bars of the same size on the job will have the same heat numbers. If bars 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.

UTILITIES

Telephone  
AT&T  
Ph. 618-533-3411

Electric  
Tri-County Electric Cooperative  
Ph. 618-244-5151



Aggregate Surface Course, Type B 6" Depth  
Lt., Sta. 11+25 - 17 Ton  
Lt., Sta. 26+21 - 17 Ton  
(Included in Summary of Quantities)

TYPICAL FIELD ENTRANCE

SUMMARY OF QUANTITIES  
AND TYPICAL SECTIONS  
PROPOSED BRIDGES CARRYING CH 16  
OVER CROOKED CREEK AND  
BRANCH TO CROOKED CREEK  
SECTION 00-00115-00-BR  
SECTION 00-00115-01-BR  
MARION COUNTY, ILLINOIS

Sheet  
2  
of 14  
Job No. 50705  
Job No. 50805

10/13/2006