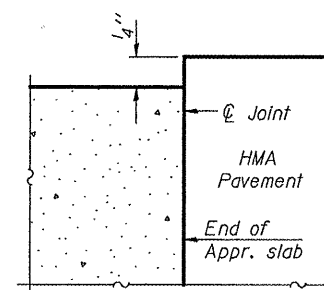


NEAR ABUTMENT

SECTION D-D

(See Plan for dimensions not shown.)



FLEXIBLE PAVEMENT

DETAIL A

**TWO APPROACHES
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a ₄ (E)	50	#4	30'-1"	—
a ₅ (E)	92	#5	30'-1"	—
b ₃ (E)	48	#4	29'-8"	—
b ₄ (E)	140	#9	29'-9"	—
b ₅ (E)	4	#4	29'-8"	—
t(E)	124	#4	9'-10"	—
w(E)	80	#5	30'-1"	—
Concrete Structures		Cu. Yd.	9.4	
Concrete Superstructure		Cu. Yd.	88.5	
Bridge Deck Grooving		Sq. Yd.	187	
Protective Coat		Sq. Yd.	200	
Reinforcement Bars, Epoxy Coated		Pound	22,410	

NOTES:

- a₄(E) and a₅(E) bar spacings measured along centerline roadway.
- Approach slab shall be paid for as Concrete Superstructure.
- Approach footing concrete shall be paid for as Concrete Structures.
- Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
- For v(E) bar details, see Structural Sheet 8 of 17.
- The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
- For Bar Splicer Assembly Details, see Structural Sheet 15 of 17.
- Cost of excavation for approach footing included with Concrete Structures.
- For Porous Granular Embankment, Special and drainage treatment details, see Structural Sheet 2 of 17.
- *Tilt #9 b₄(E) bars as required to maintain clearance.
- **Cost included with Concrete Superstructure.

FILE NAME = S:\PROJECTS\2010\1183010_10\Dev\Drawings\1183010\ApproachSlab.dgn

USER NAME =	DESIGNED - M. C. WAGNER	REVISED -
PLOT SCALE =	CHECKED - B. K. CONVERSE	REVISED -
PLOT DATE =	DRAWN - F. D. LACHAT	REVISED -
	CHECKED - M. A. CACKLEY	REVISED -

JODAVIESS COUNTY
F.A.S. 72 (E. BETHEL RD.) OVER LITTLE RUSH CREEK
STATION 20+15

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 043-3277

STRUCTURAL SHEET NO. 9 OF 17 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	10-00134-00-BR	JODAVIESS	34	19
	WHA* 1183010	CONTRACT NO. 85536		

ILLINOIS FED. AID PROJECT ER-0072103