



**TWO APPROACHES  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a <sub>3</sub> (E)	50	#4	34'-3"	—
a <sub>4</sub> (E)	92	#5	34'-3"	—
b <sub>2</sub> (E)	50	#4	29'-8"	—
b <sub>3</sub> (E)	140	#9	29'-9"	—
b <sub>4</sub> (E)	4	#4	29'-8"	—
w(E)	80	#5	34'-3"	—
Concrete Structures		Cu. Yd.	21.4	
Concrete Superstructure		Cu. Yd.	88.7	
Bridge Deck Grooving		Sq. Yd.	186	
Protective Coat		Sq. Yd.	200	
Reinforcement Bars, Epoxy Coated		Pound	23,450	

- NOTES:**  
 a<sub>3</sub>(E) and a<sub>4</sub>(E) bar spacings measured along  $\text{\O}$  Rdwy.  
 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 w(E) bar details, see Structural Sheet 7 of 17.  
 The approach footing maximum applied service bearing pressure (Q<sub>max</sub>) = 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 b<sub>3</sub>(E) bars as required to maintain clearance.  
 \*\*Cost included with Concrete Superstructure.

FILE NAME = S:\PROJECTS\2010\1051010-Bureau-CH11-DESIGN\STRUCT\Drawings\051010ApproachSlab.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 -

**BUREAU COUNTY  
F.A.S. 184 (C.H. 11) OVER BIG BUREAU CREEK  
STATION 59 + 75**

**BRIDGE APPROACH SLAB DETAILS  
STRUCTURE NO. 006-3032**  
STRUCTURAL SHEET NO. 9 OF 17 SHEETS

F.A.S. RTE. 184	SECTION 08-00211-00-BR	COUNTY BUREAU	TOTAL SHEETS 31	SHEET NO. 18
WHA# 1051D10		CONTRACT NO. 87462		
ILLINOIS FED. AID PROJ. ECT BRS-0184(07)				