

BARS $a_{13}(E)$ and $a_{14}(E)$

27'-3'' 29'-9'' BAR b4(E)

TWO APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a ₁₃ (E)	36	#4	21'-9"		
a 14 (E)	36	#4	24'-2"		
a 15 (E)	14	#4	20'-4"		
a 16 (E)	14	#4	22'-9''		
a 17 (E)	66	#5	21'-6''		
a 18 (E)	66	#5	23'-11''		
a 19 (E)	24	#5	20'-4''		
a20(E)	24	#5	22'-9''		
b3(E)	60	#4	29'-8''		
b4(E)	172	#9	29'-9''		
b5(E)	8	#4	19'-7''		
b ₆ (E)	8	#4	20'-6''		
†(E)	152	#4	11'-9"		
w(E)	80	#5	21'-6"		
w1(E)	80	#5	23'-11"		
Concrete	Concrete Superstructure			110.6	
Concrete	ete Structures Cu. Yd. 28			28.6	
	Reinforcement Bars, Epoxy Coated			29,500	
LPONY CO	3,00		I		

(Sheet 2 of 2)

ESCA CONSULTANTS, INC. COVIL & PERFORMAN INCLINEAGE

USER NAME = has		DESIGNED	-	ELH	11/11	REVISED -
ESCA PROJECT NO. 933.14		CHECKED	-	RDP	01/14	REVISED -
PLOT SCALE = 0:2 ':' / IN.		DRAWN	-	DWH	11/11	REVISED -
PLOT DATE = 6/10/2014	8:50:39 AM	CHECKED	-	ELH	11/11	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

a ₁₄ (E)

BRIDGE STF					\B DE 3-002	
SHE	ET N	10. 13	OF	31	SHEETS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE'			
332	(12,B2)B-1	WABASH	68	33			
		CONTRACT	NO. 7	4219			
ILLINOIS FED. AID PROJECT							