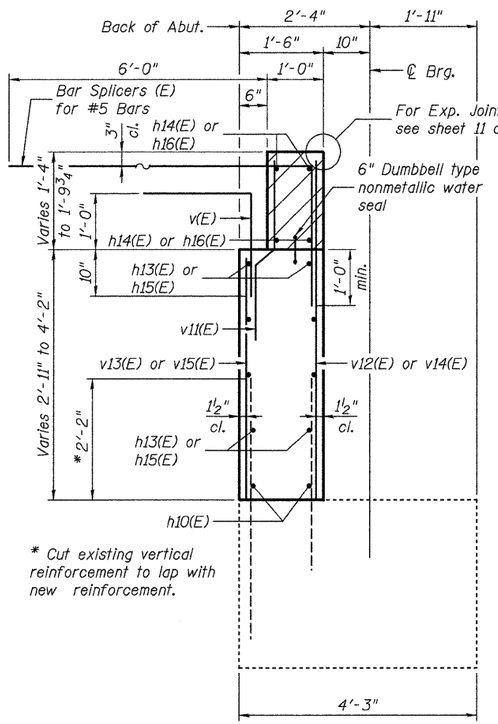
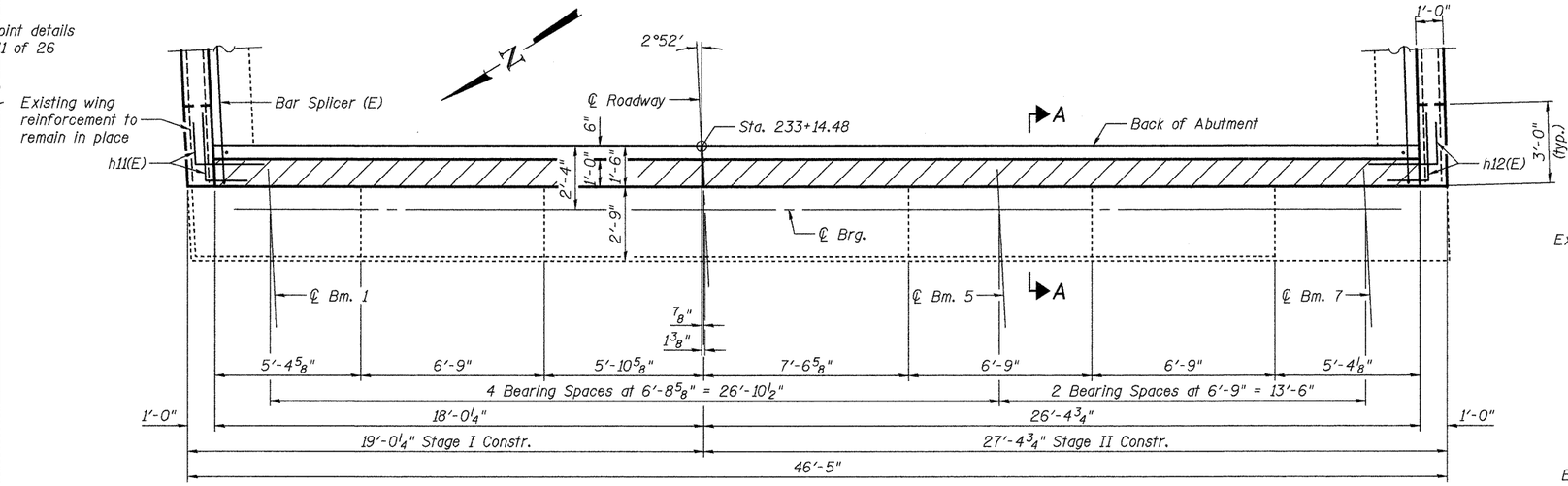
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

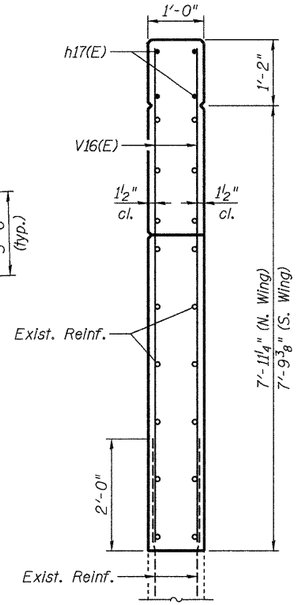


* Cut existing vertical reinforcement to lap with new reinforcement.

SECTION A-A



PLAN



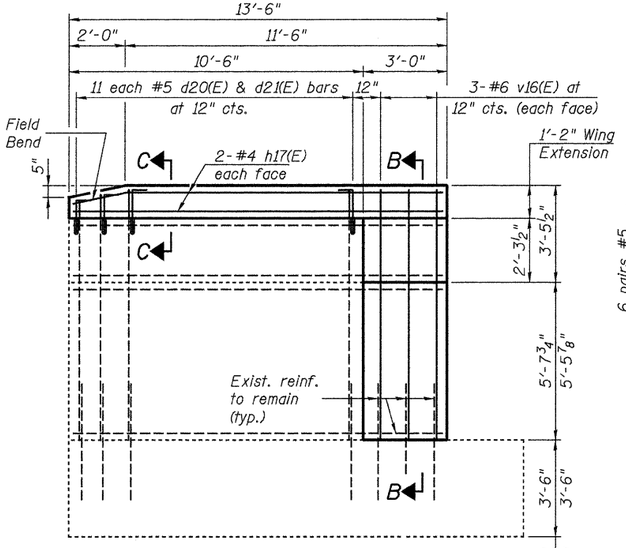
SECTION B-B

Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure.

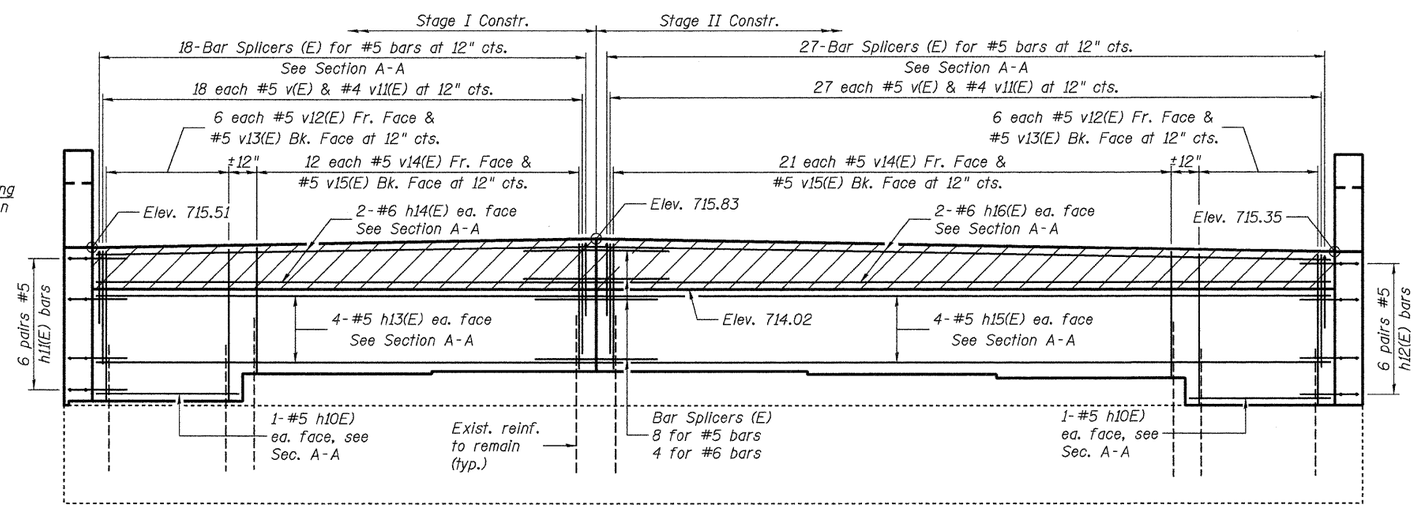
ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d20(E)	22	#5	2'-7"	⊓
d21(E)	22	#5	2'-0"	⌊
h10(E)	4	#5	6'-0"	——
h11(E)	12	#5	4'-0"	⌊
h12(E)	12	#5	4'-0"	⌋
h13(E)	8	#5	18'-8"	——
h14(E)	4	#6	17'-8"	——
h15(E)	8	#5	27'-0"	——
h16(E)	4	#6	26'-0"	——
h17(E)	8	#4	13'-0"	——
v(E)	45	#5	3'-9"	⌊
v11(E)	45	#4	3'-2"	⌊
v12(E)	12	#5	5'-2"	——
v13(E)	12	#5	3'-9"	——
v14(E)	33	#5	4'-3"	——
v15(E)	33	#5	2'-8"	——
v16(E)	12	#6	8'-7"	——
Structure Excavation		Cu. Yd.	84	
Concrete Removal		Cu. Yd.	11.2	
Concrete Structures		Cu. Yd.	11.0	
Concr. Superstructure		Cu. Yd.	2.7	
Reinforcement Bars, Epoxy Coated		Pound	1720	

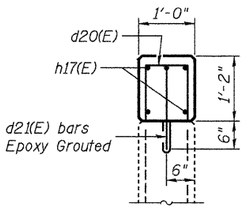
For details of Bar Splicers, see sheet 25 of 26.



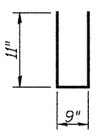
WING ELEVATION



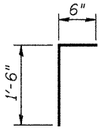
ELEVATION



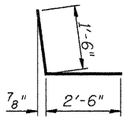
SECTION C-C



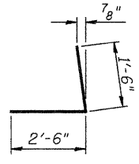
BAR d20(E)



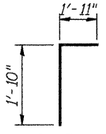
BAR d21(E)



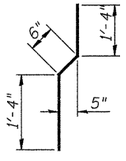
BAR h11(E)



BAR h12(E)



BAR v(E)



BAR v11(E)

Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois			
DESIGNED: JDQ	DRAWN: P. Ray		
CHECKED: DCD	CHECKED: DCD		

EAST ABUTMENT (SB)
STRUCTURE NO. 058-0108(SB) & 0109(NB)

SHEET 18 OF 26	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	322	(58-20)RS	MACON	151	120
		STA. 235+00.78	CONTRACT NO. 74150		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FILE: J:\JDQ\1101177 IL-DTVV#8 US51Bridge Repair\s3-IL48-NSRR\058108-74150-018-abut1-SB.dgn
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