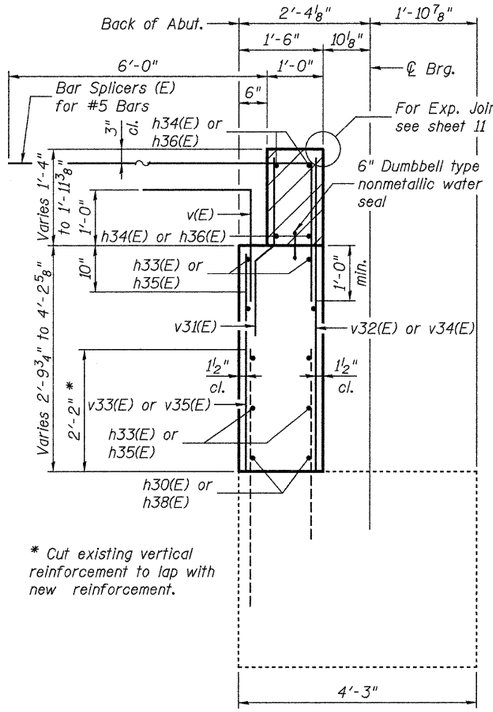
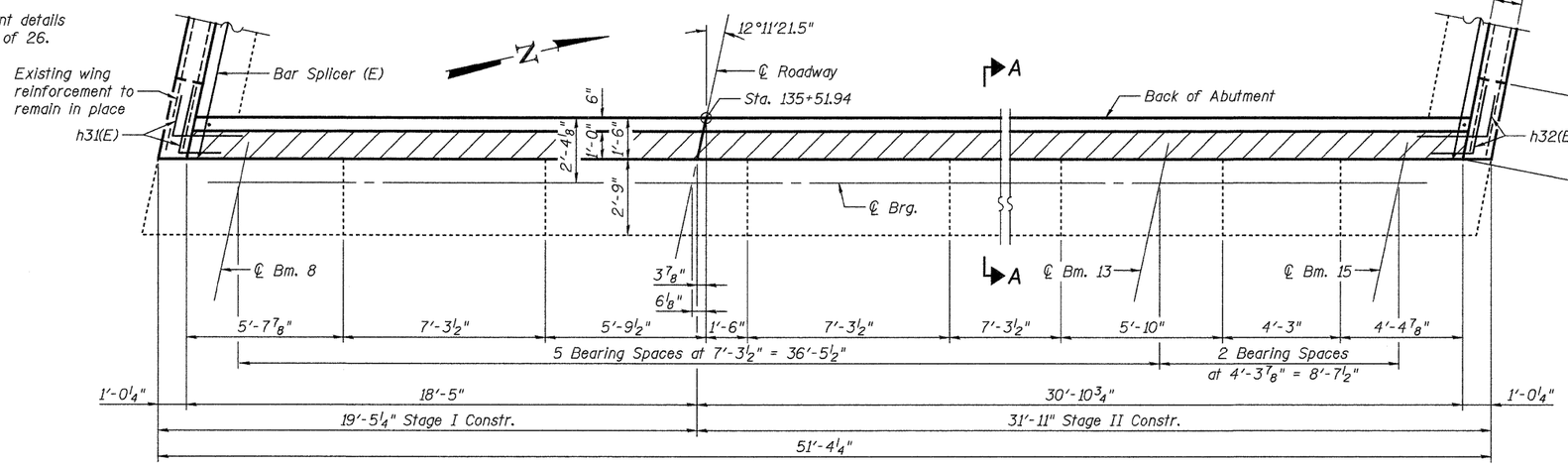
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



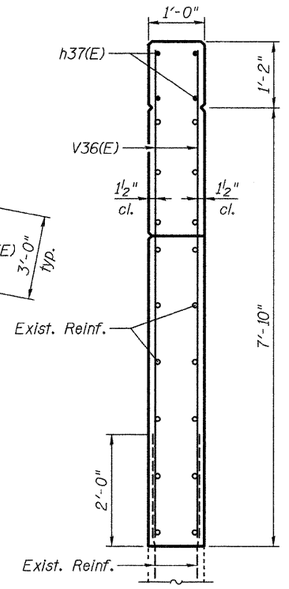
* Cut existing vertical reinforcement to lap with new reinforcement.

SECTION A-A



PLAN

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

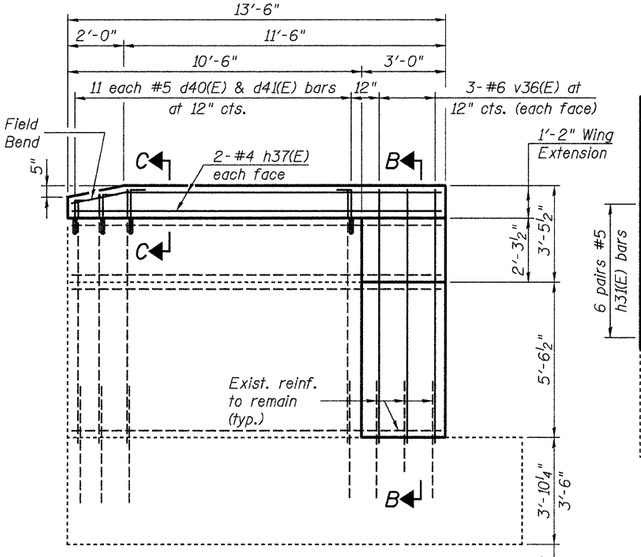


SECTION B-B

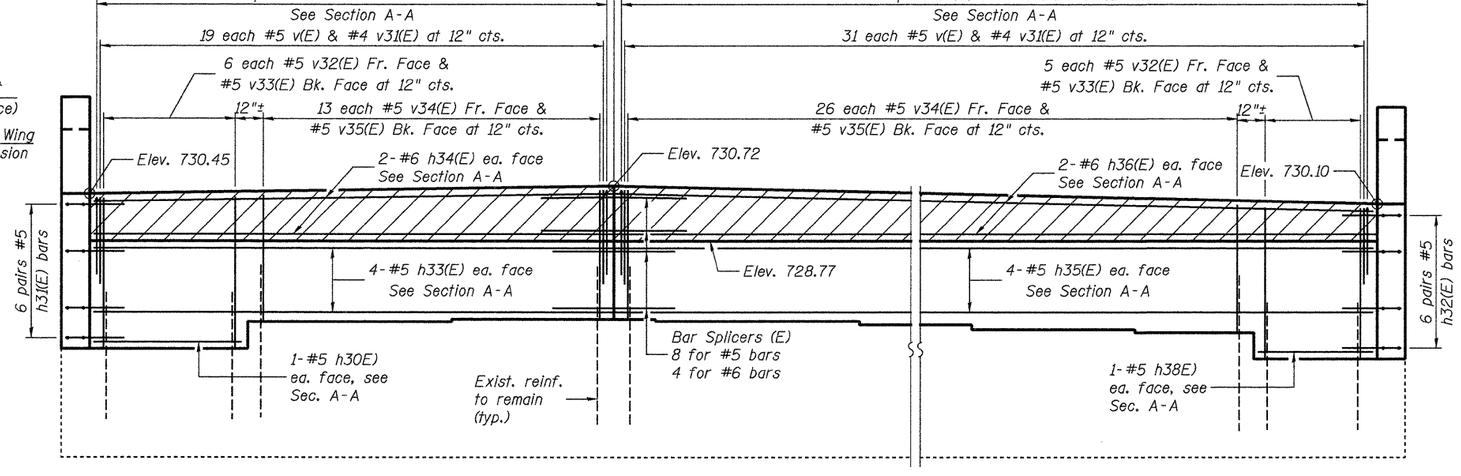
ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d40(E)	22	#5	2'-7"	⊓
d41(E)	22	#5	2'-0"	⌊
h30(E)	2	#5	6'-0"	—
h31(E)	12	#5	4'-0"	⌊
h32(E)	12	#5	4'-0"	⌋
h33(E)	8	#5	19'-0"	—
h34(E)	4	#6	18'-0"	—
h35(E)	8	#5	31'-6"	—
h36(E)	4	#6	30'-6"	—
h37(E)	8	#4	13'-0"	—
h38(E)	2	#5	5'-2"	—
v(E)	50	#5	3'-9"	⌊
v31(E)	50	#4	3'-2"	⌊
v32(E)	11	#5	5'-4"	—
v33(E)	11	#5	3'-10"	—
v34(E)	39	#5	4'-5"	—
v35(E)	39	#5	2'-7"	—
v36(E)	12	#6	8'-10"	—
Structure Excavation		Cu. Yd.	98	
Concrete Removal		Cu. Yd.	13.9	
Concrete Structures		Cu. Yd.	12.3	
Concr. Superstructure		Cu. Yd.	3.0	
Reinforcement Bars, Epoxy Coated		Pound	1870	

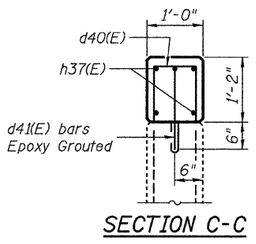
For details of Bar Splicers, see sheet 25 of 26.



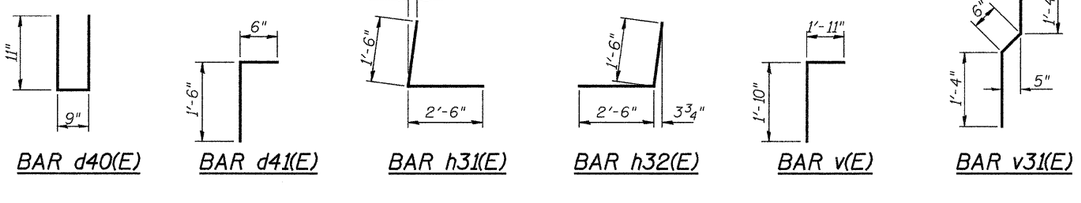
WING ELEVATION



ELEVATION



SECTION C-C



BAR d40(E) | BAR d41(E) | BAR h31(E) | BAR h32(E) | BAR v(E) | BAR v31(E)

Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

DESIGNED:	JDQ	DRAWN:	P. Ray
CHECKED:	DCD	CHECKED:	DCD

WEST ABUTMENT (NB)
STRUCTURE NO. 058-0101(NB) & 0102(SB)

SHEET 22 OF 26

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(58-20)RS	MACON	151	87
	STA. 133+62.02	CONTRACT NO.	74150	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE: 04/09/2010 12:22:07 USER: DCD FILE: J:\JDQ\110177 IL-07VV#8 US51Bridge Repairs\I-US51bus-ICRR\058010I-7