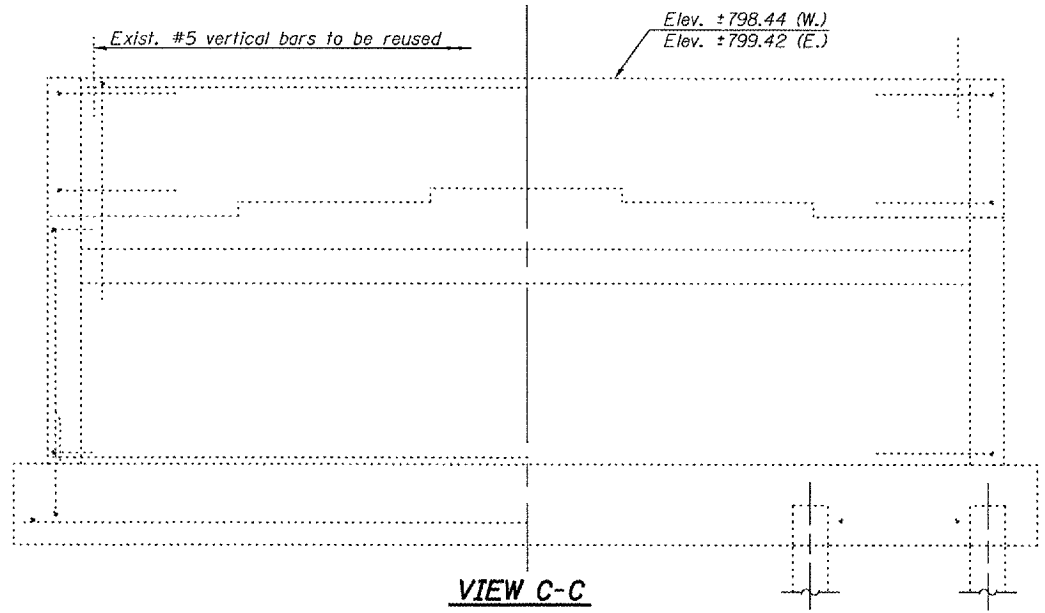
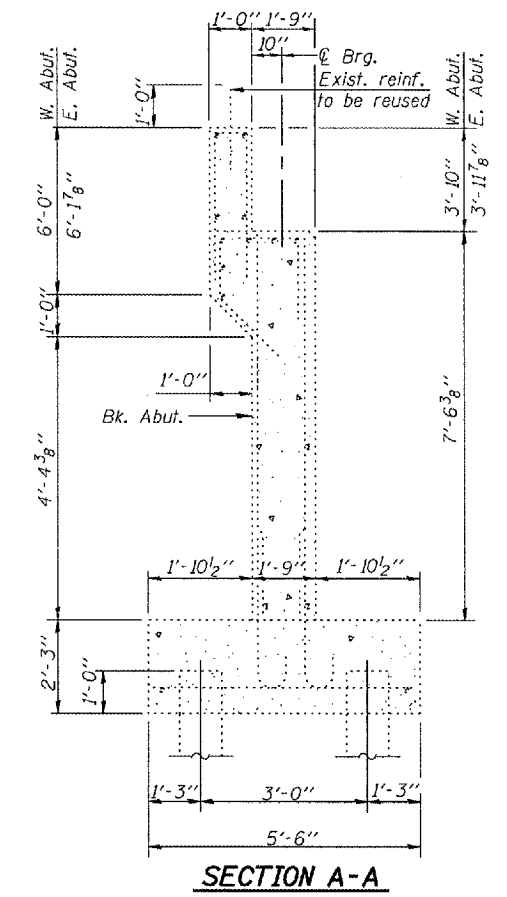
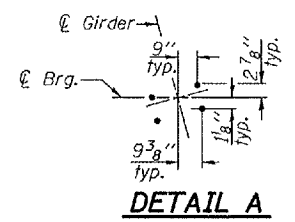
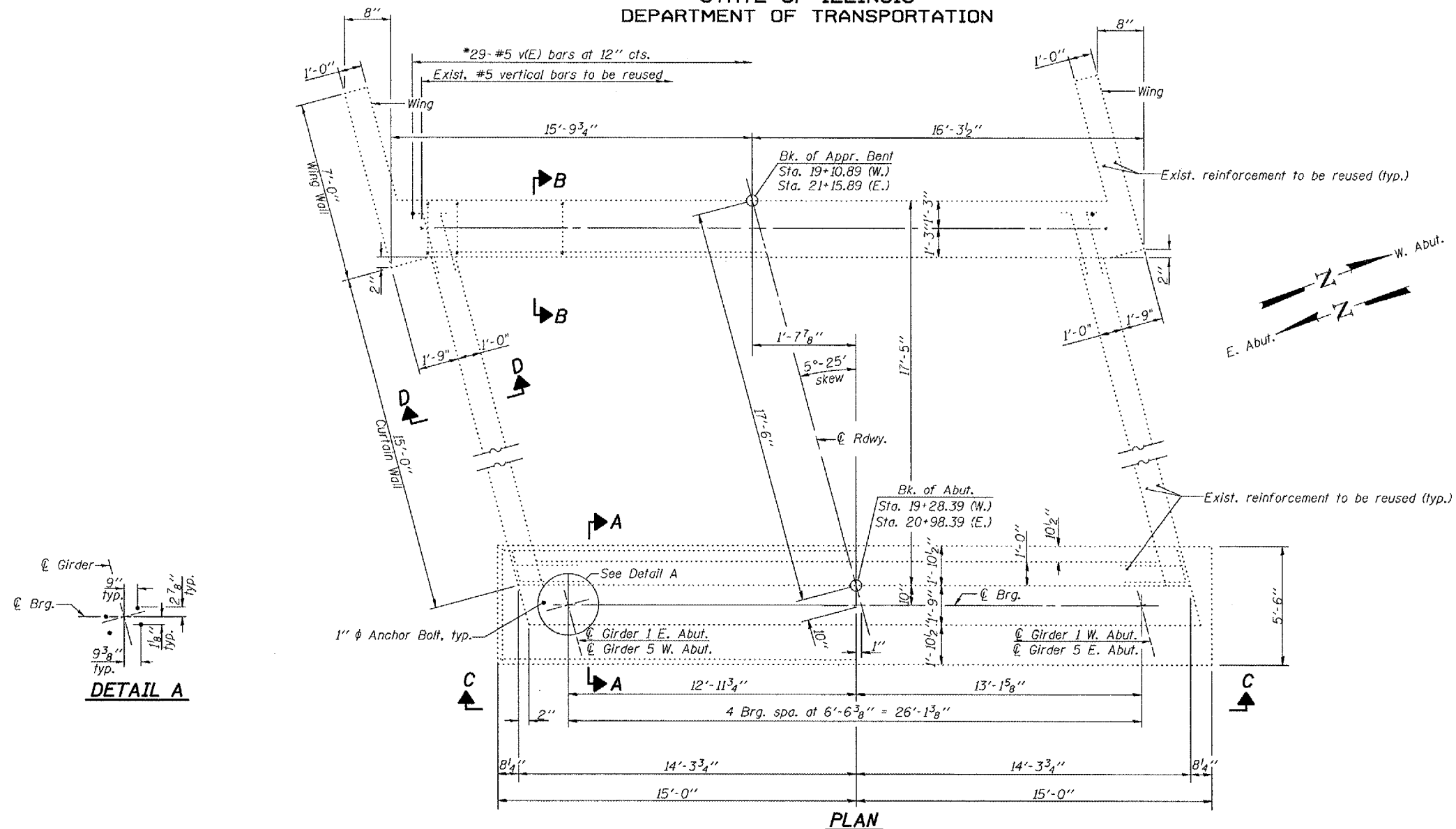


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	DRAWN	DATE	SHEET	SHEET NO. 21 23 SHEETS
F.A.P. 313	18-HB	KNOX	70	44	
FED. ROAD DIST. NO. 7	ILL. HIGH.	FED. AID PROJECT			

Contract #68190



**TWO ABUTMENTS  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
v(E)	58	#5	1'-9"	—
Reinforcement Bars, Epoxy Coated			Pound	110

\*Epoxy grout v(E) bars in min. 9" drilled holes according to Sec. 584 of the Standard Specifications.

**ABUTMENTS**  
F.A.P. RT. 313 SECTION 18-HB  
KNOX COUNTY  
STATION 20+11.14  
STRUCTURE NO. 048-0069

DESIGNED Stephen M. Ryan  
CHECKED Phillip R. Litchfield  
DRAWN R. Sommer  
CHECKED SMR/SEM

EXAMINED *Thomas J. Damgalinski*  
PASSED *Ralph E. Anderson*  
NOV. 20 2007  
ENGINEER OF BRIDGE DESIGN  
ENGINEER OF BRIDGES AND STRUCTURES