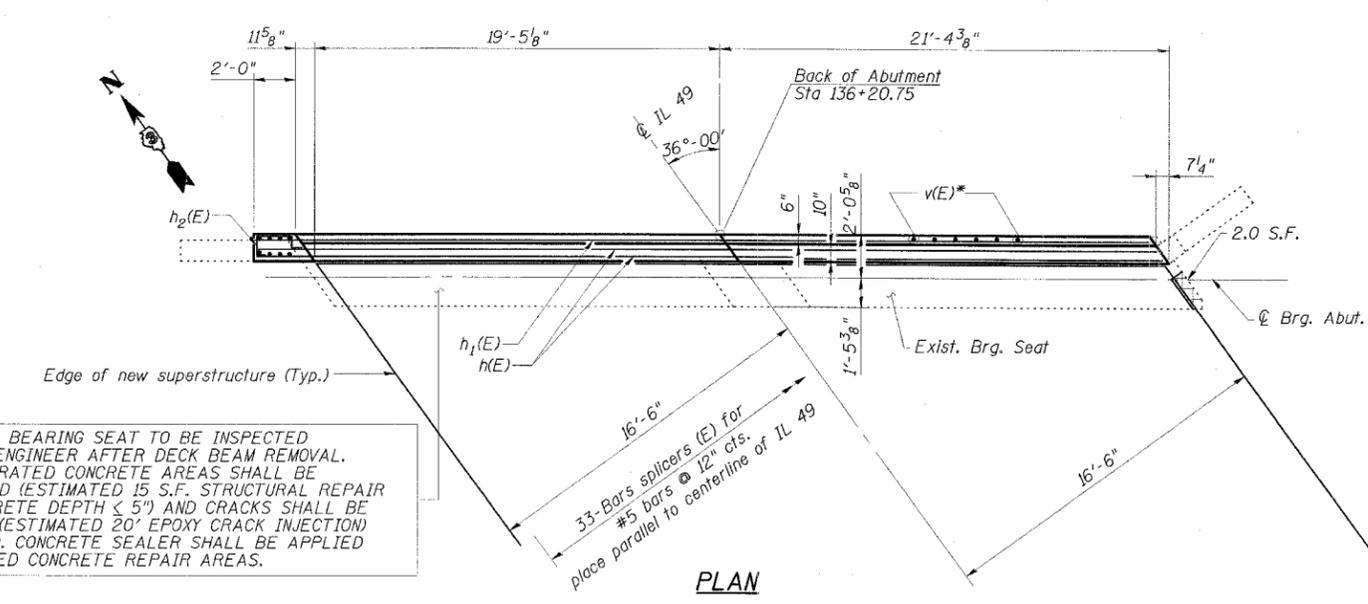
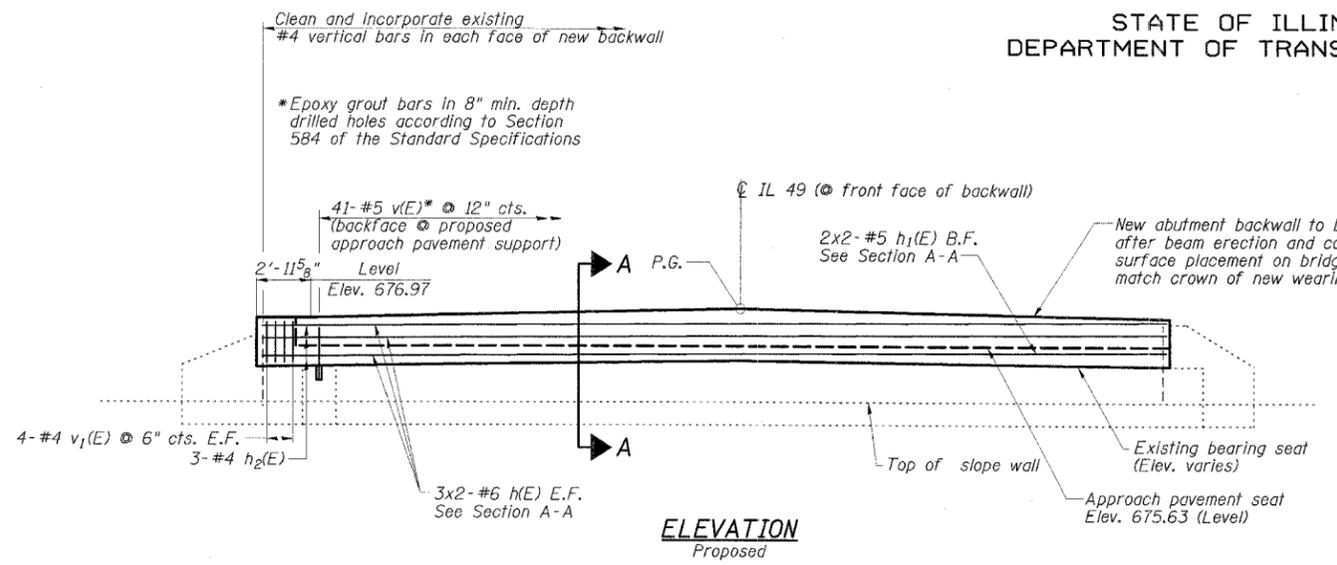
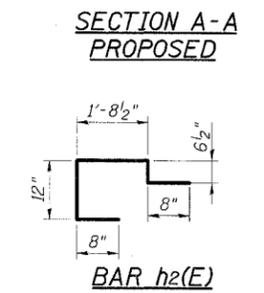
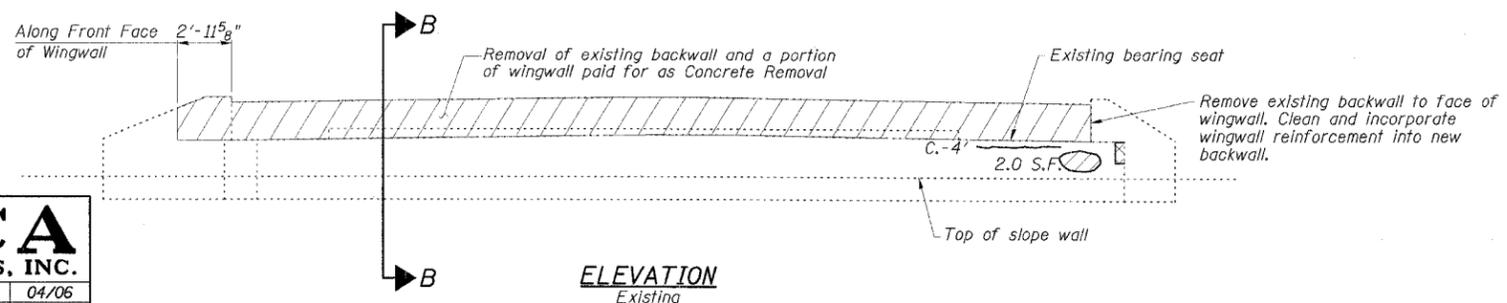
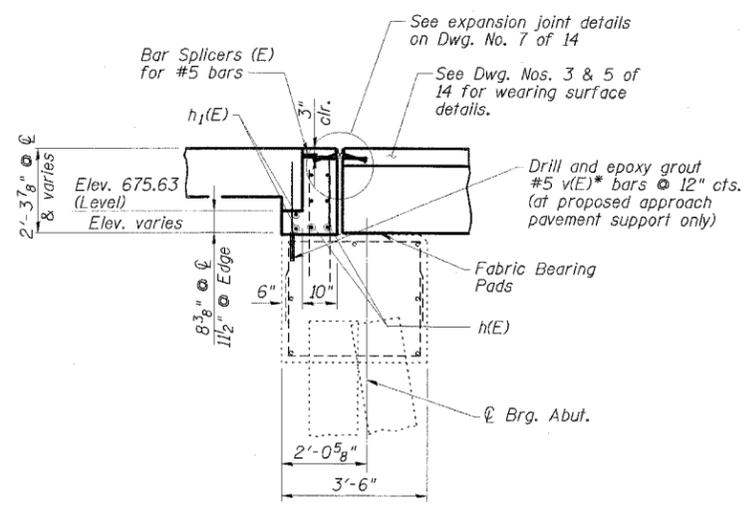
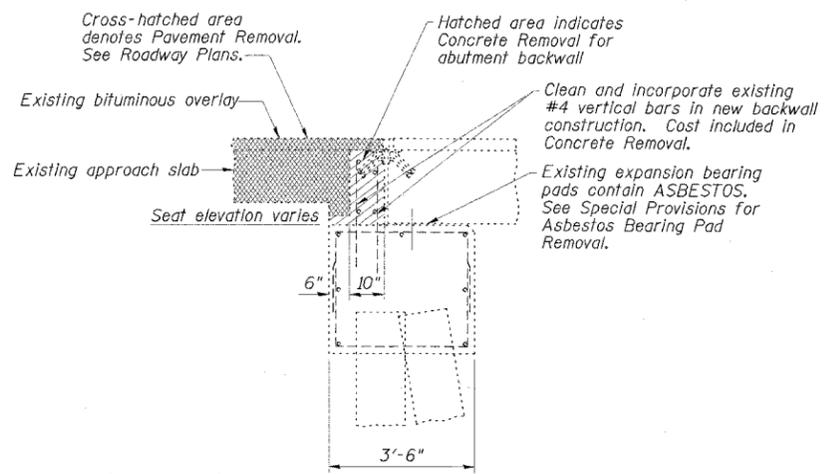


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	JOBS	SHEET	SHEET NO. 9
FAP 840	*	IROQUOIS	39	21	14 SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			
66647				123-BR-1	



EXISTING BEARING SEAT TO BE INSPECTED BY THE ENGINEER AFTER DECK BEAM REMOVAL. DETERIORATED CONCRETE AREAS SHALL BE REPAIRED (ESTIMATED 15 S.F. STRUCTURAL REPAIR OF CONCRETE DEPTH < 5") AND CRACKS SHALL BE SEALED (ESTIMATED 20" EPOXY CRACK INJECTION IF FOUND. CONCRETE SEALER SHALL BE APPLIED TO FORMED CONCRETE REPAIR AREAS.



**NORTH ABUTMENT  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	12	#6	23'-6"	—
h1(E)	4	#5	22'-6"	—
h2(E)	3	#4	4'-7"	┌
v(E)	41	#5	2'-6"	—
v1(E)	8	#4	1'-11"	—
Concrete Removal			Cu. Yd.	2.7
Concrete Structures			Cu. Yd.	3.8
Reinforcement Bars, Epoxy Coated			Pound	650
Asbestos Bearing Pad Removal			Each	22
Concrete Sealer			Sq. Ft.	15
Epoxy Crack Injection			Foot	24
Structural Repair of Concrete (Depth Equal to or Less Than 5")			Sq. Ft.	19

Bars indicated thus: 3x2 - #6 etc, indicates 3 lines of bars with 2 lengths per line.  
Reinforcement bars designated (E) shall be epoxy coated.

**REPAIR LEGEND**

- C.-6' Crack to be epoxy injected
- S.F. Delaminated Area
- S.F. Spalled Area
- Use Structural Repair of Concrete

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	FMA	04/06
DRAWN BY:	cj	04/06
CHECKED BY:	ELH/MTD	10/06
APPROVED BY:	RDP	10/06

**NORTH ABUTMENT  
IL 49 OVER PIGEON CREEK  
FAP ROUTE 840 - SECTION 123-BR-1  
IROQUOIS COUNTY  
STATION 135+74.00  
STRUCTURE NO. 038-0174**