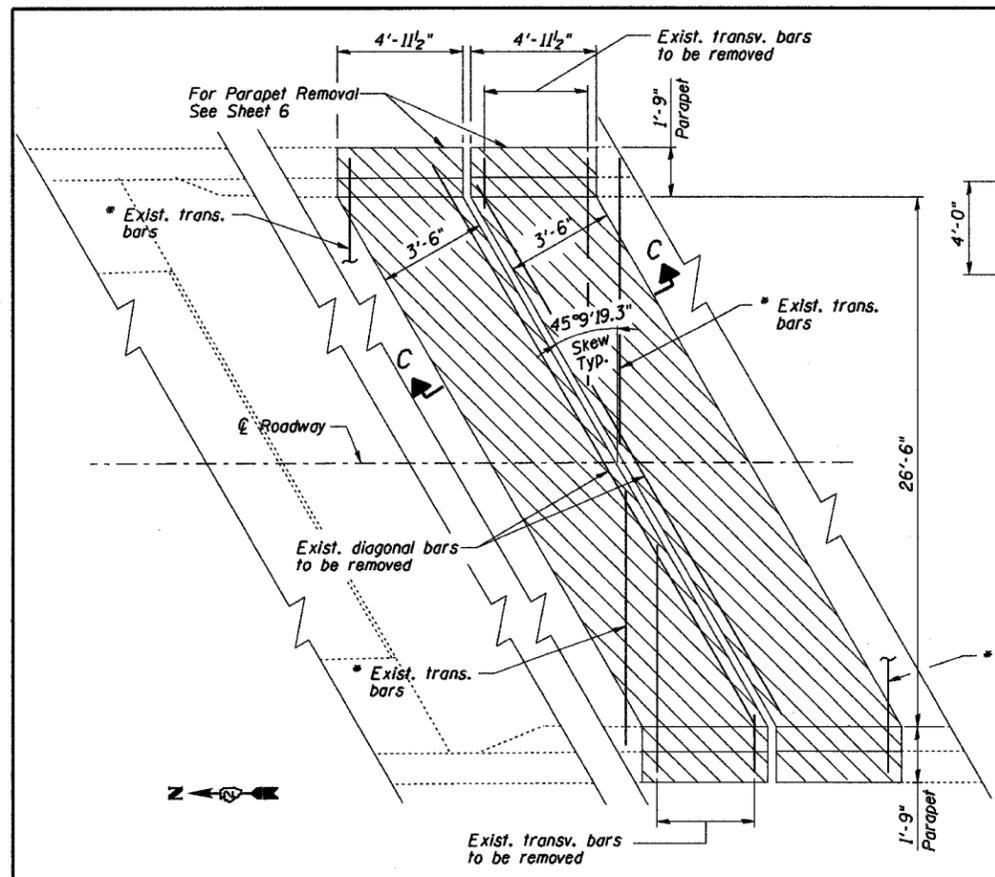


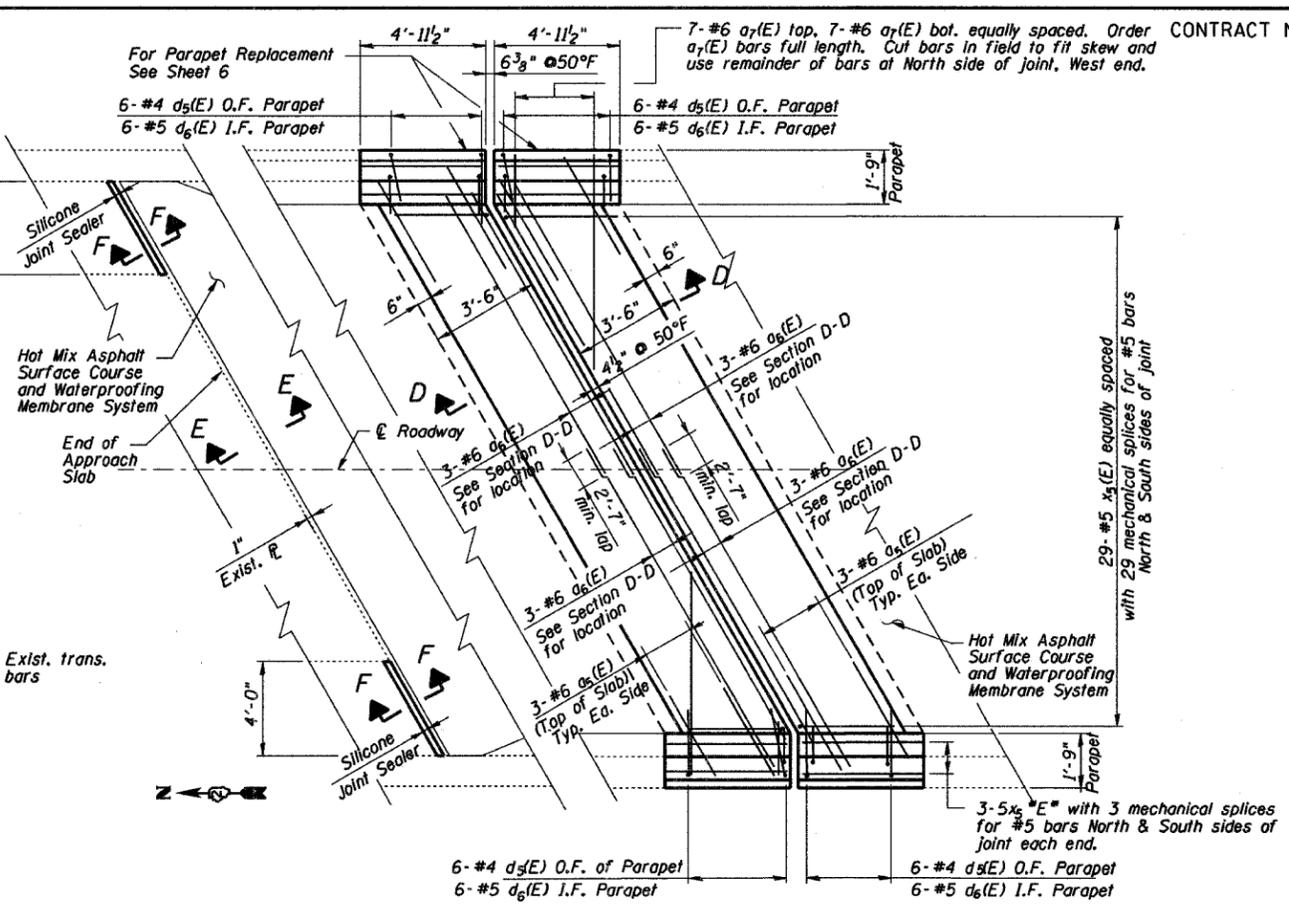
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BB	(195-1HB-2)M	WHITESIDE	17	10
STA. 44+17 TO STA. 55+10				
FED. AID PROJECT ILLINOIS FED. ROAD DIST. NO.				
SHEET 4 OF 11				



CONCRETE REMOVAL NORTH ABUTMENT EXP. JOINT PLAN

LEGEND

	- Concrete Removal
	- Concrete Superstructure



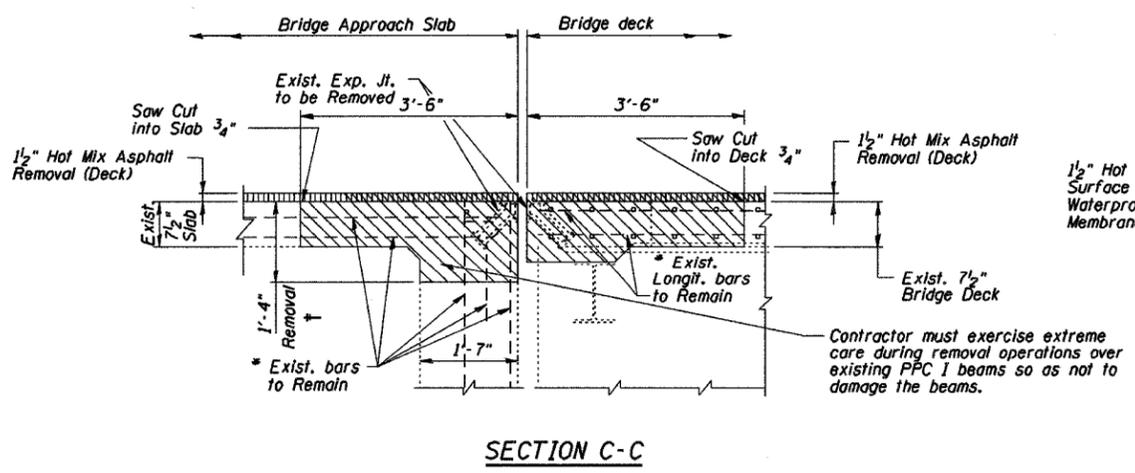
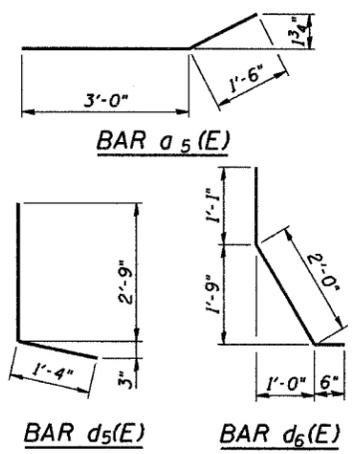
CONCRETE REPLACEMENT NORTH ABUTMENT EXP. JOINT PLAN

- NOTES:**
- * Exist. reinforcement bars extending into the removal areas shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with approved bar splicer or anchorage system. Cost included with Concrete Removal.
 - For Sections E-E & F-F see Sheet 6.
 - † At existing prestressed girders and curtain wall, concrete removal limits shall be to the top of the beam or curtain wall. Contractor must exercise extreme care during removal operations over existing PPC I beams so as not to damage the beams.
 - Protective Coat shall be applied to the concrete deck and slab, and to the inside and top faces of the curb and parapet. Do not apply Protective Coat to surfaces that will have Waterproofing Membrane System applied.

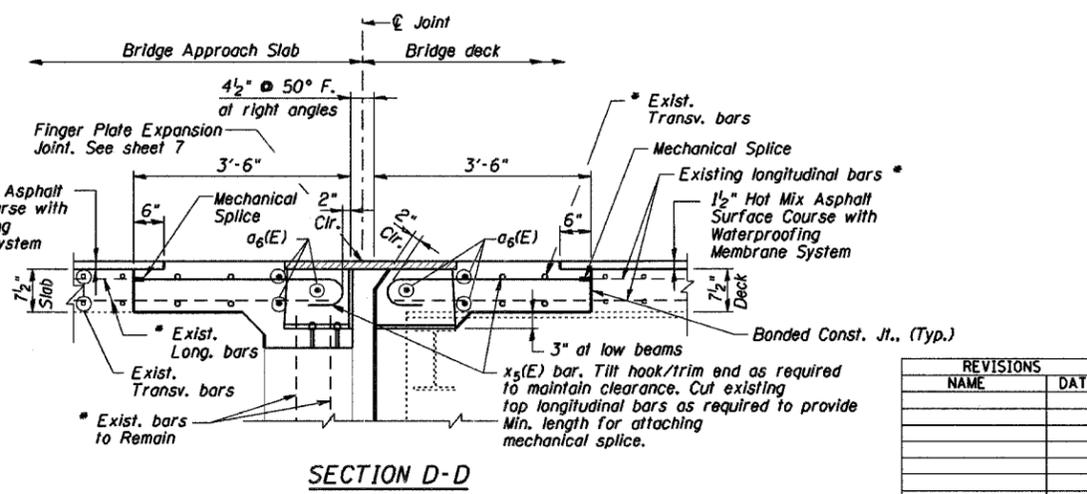
BILL OF MATERIAL

Bar No.	Size	Length	Shape
a5(E)	#6	4'-6"	—
a6(E)	#6	22'-3"	—
a7(E)	#6	8'-4"	—
d5(E)	#4	4'-1"	L
d6(E)	#5	3'-7"	L
x5(E)	#5	4'-7"	J
Reinforcement Bars, Epoxy Coated	Pound	1150	
Mechanical Splice	Each	70	
Protective Coat	Sq. Yd.	23	
Concrete Removal	Cu. Yd.	11.0	
Concrete Superstructure	Cu. Yd.	12.0	
Silicone Joint Sealer	Foot	12	

Reinforcement Bars designated (E) shall be epoxy coated.



SECTION C-C



SECTION D-D

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CH21 (SAND ROAD) BRIDGE OVER I-88
 STRUCTURE NO: 098-0056
 SECTION: (195-1HB-2)M
 BRIDGE REHABILITATION

JOINT DETAILS AT NORTH ABUTMENT

SCALE: NTS
 DATE: 2-07-2007

DRAWN BY: M.M.
 CHECKED BY: K.G.W.