

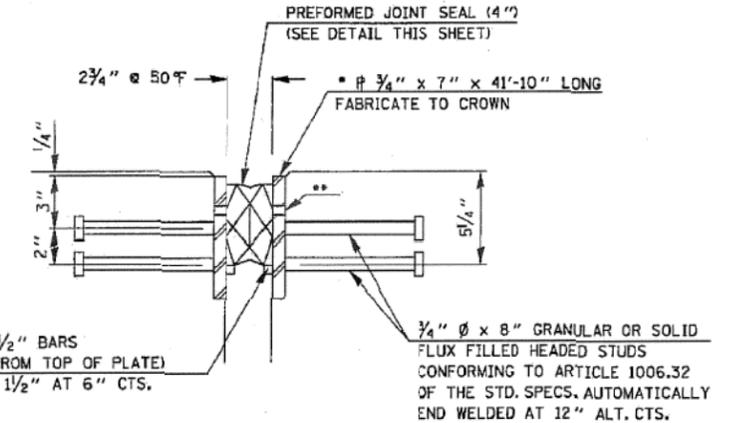
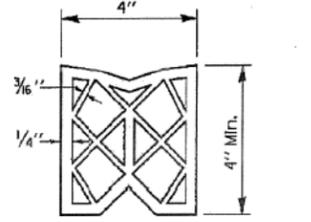
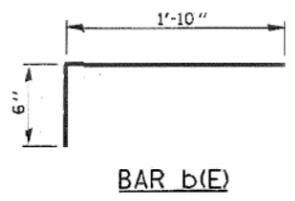
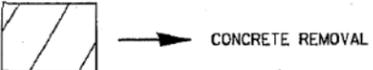
BILL OF MATERIALS				
BAR	SIZE	NO.	LENGTH	SHAPE
a(E)	#6	4	21'-3"	---
a1(E)	#6	4	23'-0"	---
a2(E)	#5	4	21'-3"	---
a3(E)	#5	4	23'-0"	---
b(E)	#5	160	2'-4"	---
ITEM		UNITS	QUANTITY	
CONCRETE REMOVAL		CU YD	10.3	
PREFORMED JOINT SEAL 4"		FOOT	86	
CONCRETE SUPERSTRUCTURE		CU YD	11.9	
BAR SPLICERS		EACH	8	
REINFORCEMENT BARS, EPOXY COATED		POUNDS	840	
F & E STRUCTURAL STEEL		POUNDS	3410	
POLYMER CONCRETE		CU FT	3.7	

NOTES:

THE CONTRACTOR SHOULD EXERCISE EXTREME CARE NOT TO DAMAGE THE TOP OF THE EXISTING PPC I BEAMS DURING CONCRETE REMOVAL.

CARE SHALL BE EXERCISED BY THE CONTRACTOR DURING AND FOLLOWING REMOVAL OPERATIONS TO ENSURE THAT THE EXISTING REBAR REMAINING IN PLACE ARE NOT DAMAGED. ALL PROTRUDING REBAR SHALL BE CLEANED, STRAIGHTENED, AND PROPERLY POSITIONED PRIOR TO CONCRETE PLACEMENT. ANY REBAR DAMAGED DURING CONCRETE REMOVAL SHALL BE REPAIRED OR REPLACED USING AN APPROVED BAR SPLICER OR MECHANICAL SYSTEM. COST INCLUDED IN "CONCRETE REMOVAL".

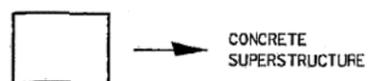
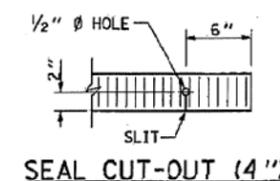
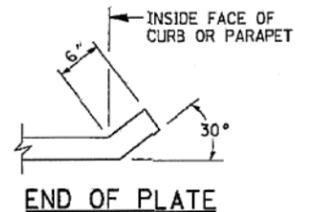
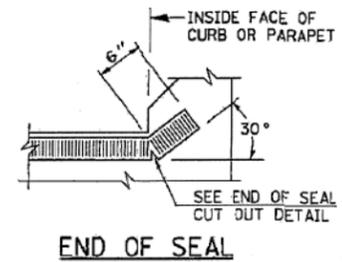
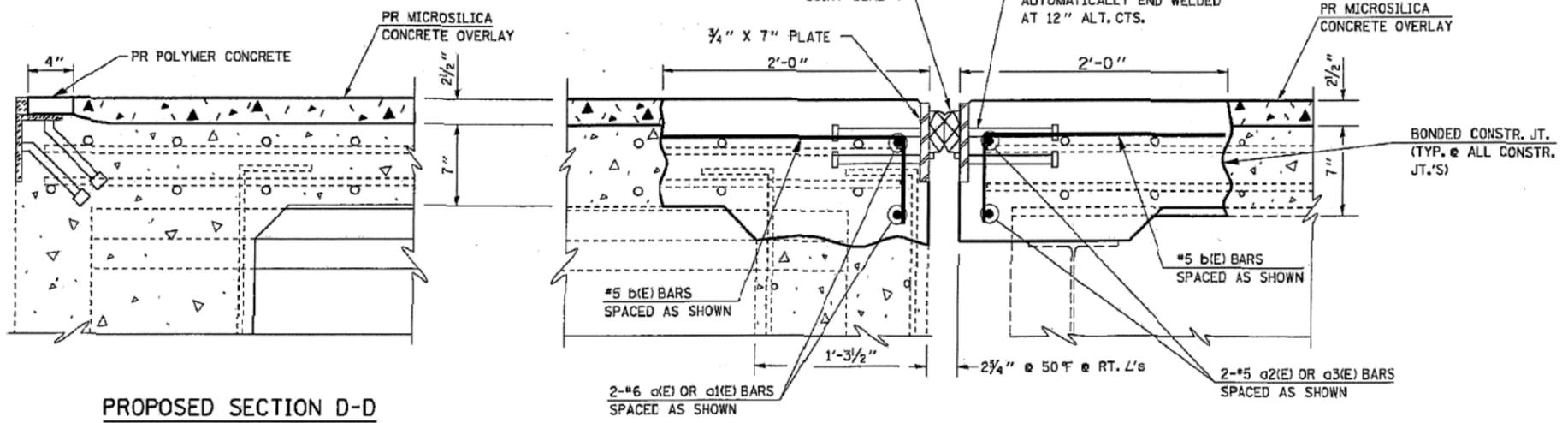
EXPANSION JOINT RECONSTRUCTION ON THE APPROACH SPAN REQUIRES FORM WORK INSIDE OF THE VAULTED ABUTMENT.



PREFORMED JOINT SEAL DETAIL

* FURNISH IN SEGMENTS OF 20' MAX. LENGTH. MAX. SPACE BETWEEN INSTALLED SEGMENTS SHALL BE 1/4". SEAL SPACE WITH SILICONE SEALANT SUITABLE FOR STRUCTURAL STEEL.

** 1/2" Ø HOLES @ 12" CTS FOR 3/8" Ø BOLTS. ALL BOLTS SHALL BE BURNED, SAWED, OR CLIPPED OFF FLUSH WITH THE PLATES AFTER THE FORMS ARE REMOVED. (TYP.)



FOR INFORMATION ONLY
(SN 084-0137 SIMILAR)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 084-0136 & 084-0137

SHEET 4 OF 10
ILLINOIS DEPARTMENT OF TRANSPORTATION
EXPANSION JOINT DETAILS
S.N. 084-0136
F.A.P. 662 (IL 4)
DISTRICT 6 BRIDGE REPAIR 2000-1
SANGAMON COUNTY



DESIGNED - CEH	REVISOR
CHECKED - CWC	REVISOR
DRAWN - DLH	REVISOR
CHECKED - CEH/CWC	REVISOR