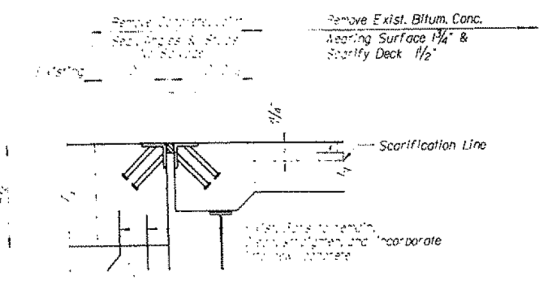
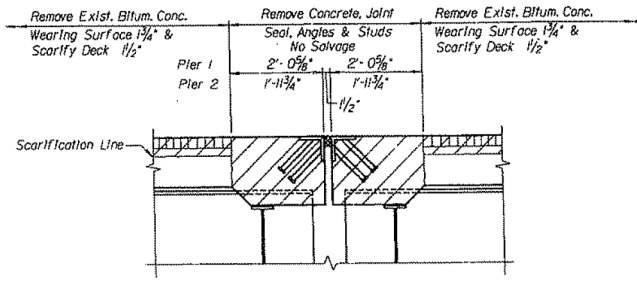


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 372	2013-0388-R	COOK	821	305
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

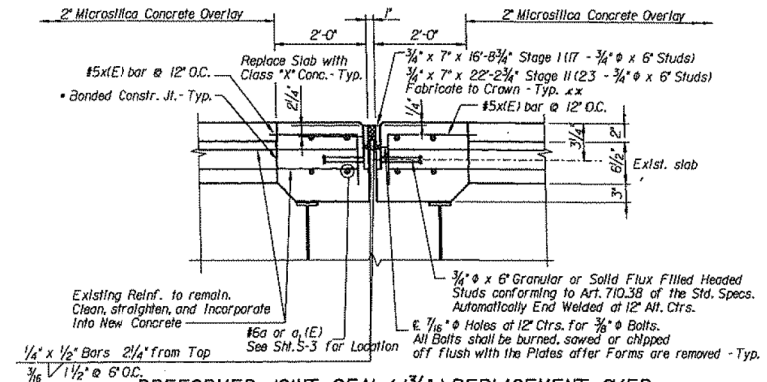
SHEET NO. S-6  
SHEETS 5-14



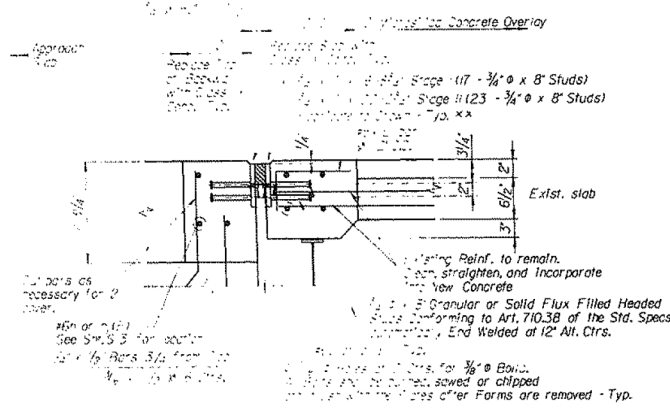
**REMOVAL OF EXISTING EXPANSION JOINT AT ABUTMENT - TYPICAL**  
**SECTION A-A**  
See Sheet S-1 for Location



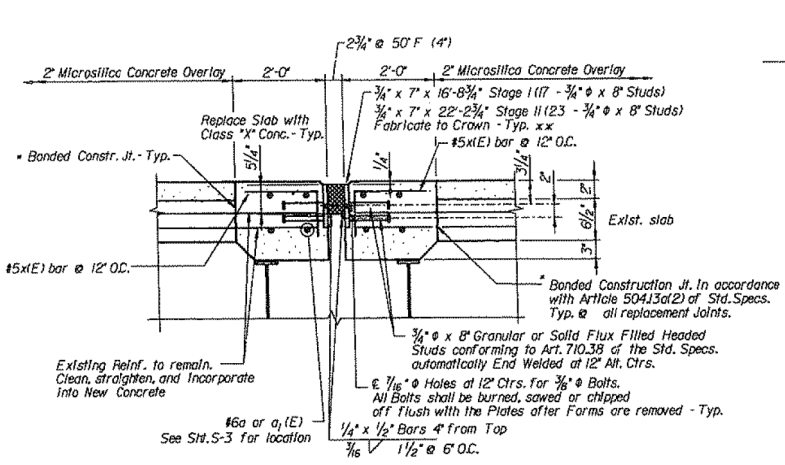
**REMOVAL OF EXISTING EXPANSION JOINT AT PIER 1 & FIXED JOINT AT PIER 2 - SOUTHBOUND**  
**SECTION C-C (PIER 1 & 2)**  
See Sheet S-1 for Location



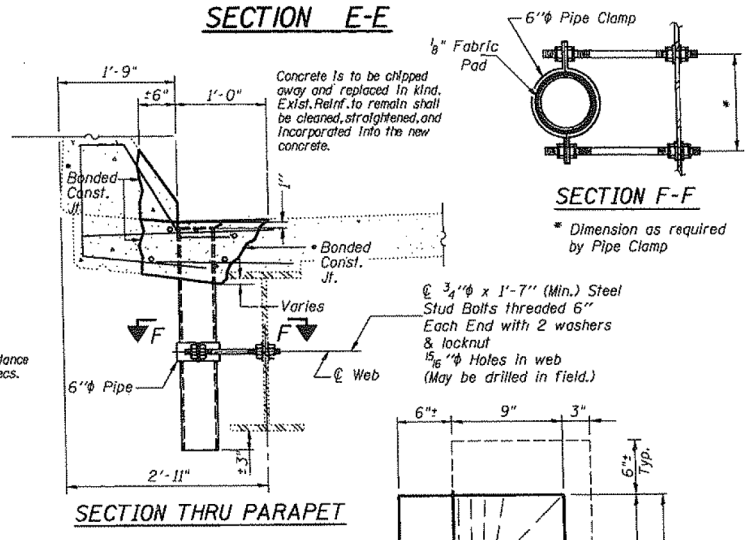
**PREFORMED JOINT SEAL (1 3/4\") REPLACEMENT OVER FIXED JOINT AT PIER 2 - SOUTHBOUND**  
**SECTION E-E**



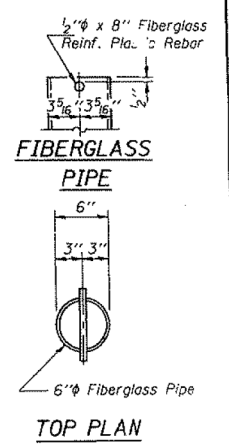
**PREFORMED JOINT SEAL (2 1/2\") REPLACEMENT AT ABUTMENT**  
**SECTION B-B**



**PREFORMED JOINT SEAL (4\") REPLACEMENT AT PIER 1**  
**SECTION D-D**



**SECTION THRU PARAPET**

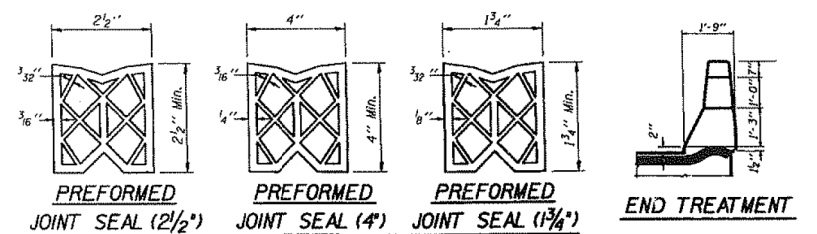


**TOP PLAN**

Notes:  
After fabrication all surfaces of the Steel Plates shall be given one shop coat of paint specified for Structural Steel. No field painting required.  
\*\* Maximum space between installed segments shall be 3/16\".

Saw cutting over existing beams will not be permitted.

Notes:  
Fiberglass pipe shall conform to ASTM: D2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum. The surface of the Fiberglass pipe shall be free of bond inhibiting agents.  
The exterior surfaces of the floor drain shall be painted with the paint specified for structural steel. The exterior surfaces of the drain shall be cleaned and given a washcoat pretreatment in accordance with Steel Structures Painting Council's Spec. SSPC-SPI & SSPC-Paint 27 prior to painting.



**PREFORMED JOINT SEAL DETAILS**

**EXPANSION JOINT REMOVAL & REPLACEMENT AND DRAIN DETAIL**  
BRIDGE REHABILITATION ILLINOIS ROUTE 171 NORTHBOUND & SOUTHBOUND OVER 47TH STREET  
FAU 2746 SECTION 102-683 HBK  
STATION 104+82.77  
COOK COUNTY  
STRUCTURE NO. 016-1001 N.B.  
STRUCTURE NO. 016-1000 S.B.

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
28 N. MICHIGAN AVENUE SUITE 200 CHICAGO, ILLINOIS 60601  
JOB NO. 124

DESIGNED: LM  
CHECKED: ELD  
DRAWN: MF  
CHECKED: JAA

Alfred Benesch & Company  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450 Job No. 10093

FILE NAME: 0161000.60J16.057.existplan.dgn

USER NAME = tjenicke	DESIGNED - FSM	REVISED -
PLOT SCALE =	CHECKED - RMM	REVISED -
PLOT DATE = 12/20/2012	DRAWN - FSM	REVISED -
	CHECKED - RMM	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN INFORMATION (17 OF 25)  
STRUCTURE NO. 016-1000/1001  
SHEET NO. SAX17 OF SAX25 SHEETS

FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-0388-R	COOK	821	305
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				

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