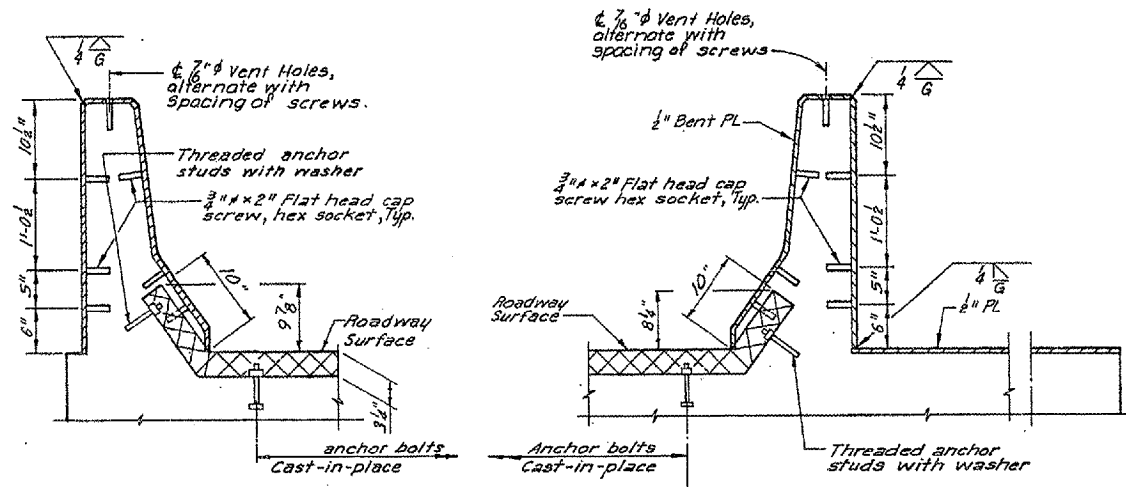
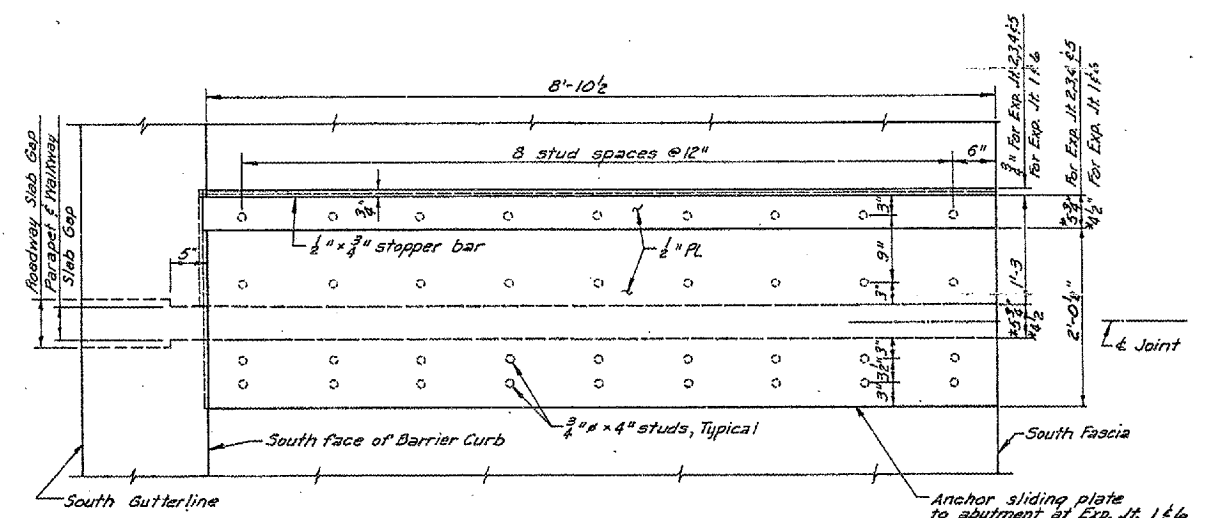


FEDERAL DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	IOWA			39	40
	ILLINOIS				

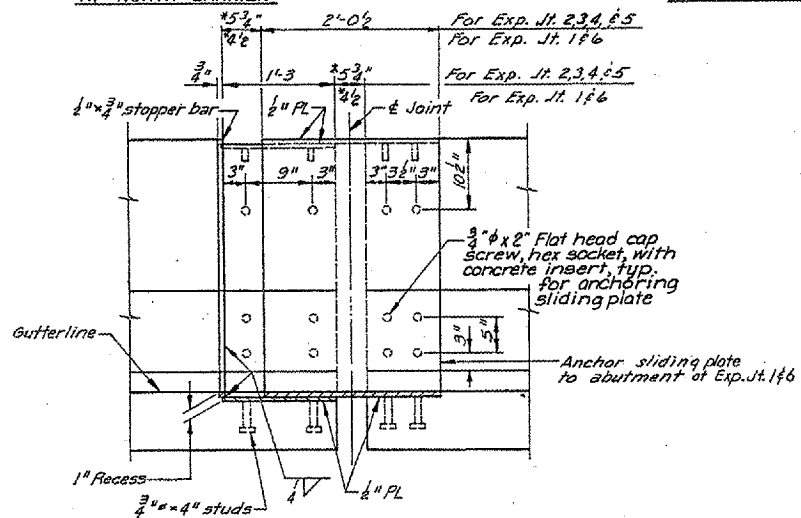


EXPANSION JOINT TREATMENT  
AT NORTH BARRIER

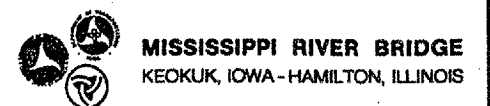
EXPANSION JOINT TREATMENT  
AT SOUTH BARRIER



PLAN OF SIDEWALK EXPANSION JOINT  
\* At 50° F  
(Expansion Joints 1, 2, 3, 4 & 5. Expansion Joint 6 is similar)



ELEVATION OF SOUTH BARRIER AT EXPANSION JOINT  
\* At 50° F  
(North Barrier and Median Barrier similar)



MISSISSIPPI RIVER BRIDGE  
KEOKUK, IOWA - HAMILTON, ILLINOIS

STEEL ALTERNATE

DESIGN FOR 0° SKEW  
3340' x 64' CONTINUOUS WELDED  
PLATE GIRDER BRIDGE

ABUTMENT EXPANSION JOINT DETAILS

STA. 80+40.00  
RIVER MILE 383.9  
LEE COUNTY, IOWA  
PROJECT NO. SRP-19-1(2)-34-08  
HANCOCK COUNTY, ILLINOIS

DESIGN SHEET 92A OF

PRINT 6767-25-00

HOWARD NEEDLES TAMMEN & BERGENOFF **HNTB**  
MADE JEL DATE 6-82 CHECKED LCY DATE 7-82

FOR INFORMATION ONLY