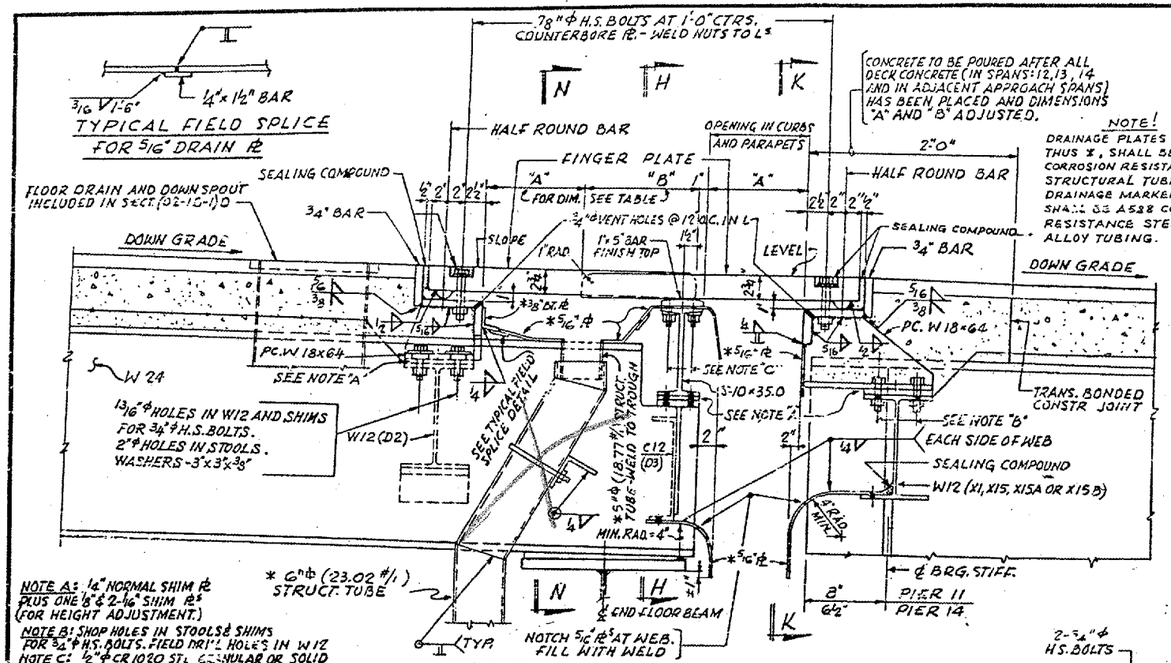
CONTRACT NO. 98940
ROUTE FAI-57
(02-1B-1) P1
ALEXANDER COUNTY
SHEET 36 OF 67



SECTION F-F
SCALE: 1½" = 1'-0"

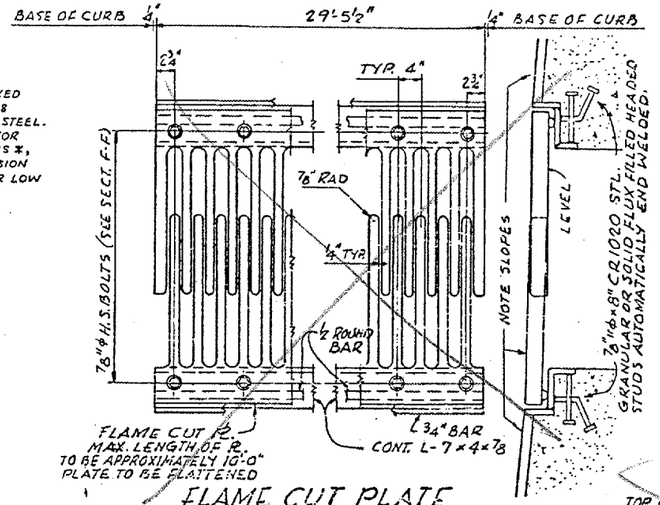
NOTE A: 1/4" NORMAL SHIM ℄ PLUS ONE 1/8" & 2-1/16" SHIM ℄ (FOR HEIGHT ADJUSTMENT.)

NOTE B: SHOP HOLES IN STOOLS & SHIMS FOR 3/4"ϕ H.S. BOLTS. FIELD DRILL HOLES IN W12

NOTE C: 1/2"ϕ CR 1020 STL. GRANULAR OR SOLID FLUX FILLED-THREADED STUDS AUTO. END WELDED AT 7½" ALT. CTRS. 13/16"ϕ HOLES IN FLG. OF S10. BEVELED WASHERS AND SELF-LOCK NUTS.

NOTE D: 3/4"ϕ x 8" CR 1020 STL GRANULAR OR SOLID FLUX FILLED HEADED STUDS AUTOMATICALLY END WELDED.

NOTE!
DRAINAGE PLATES MARKED THUS *, SHALL BE A588 CORROSION RESISTANCE STEEL. STRUCTURAL TUBING FOR DRAINAGE MARKED THUS *, SHALL BE A588 CORROSION RESISTANCE STEEL OR LOW ALLOY TUBING.

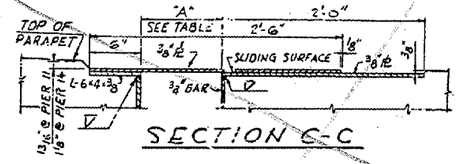


FLAME CUT PLATE
SCALE: 1" = 1'-0"

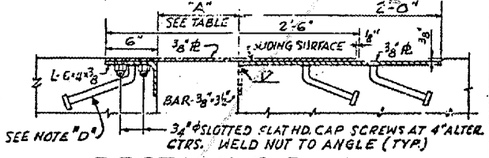
TABLE OF "A" AND "B" DIMENSIONS

TEMP (°F)*	BEFORE DECK CONCRETE IN SPANS 12, 13 & 14 IS POURED				AFTER DECK CONCRETE IN SPANS 12, 13 & 14 IS POURED			
	PIER 11		PIER 14		PIER 11		PIER 14	
	A	B	A	B	A	B	A	B
130	6 5/16	10 11/16	6 7/16	18 9/16	3 13/16	21 3/16	3 15/16	21 1/16
110	8 1/4	16 3/4	8 5/16	16 7/16	5 3/16	19 1/4	5 5/16	19 3/16
90	10 3/16	14 13/16	10 3/16	14 13/16	7 1/16	17 5/16	7 1/16	17 5/16
70	12 1/16	12 15/16	12 1/8	13 7/8	9 1/16	15 1/16	9 5/16	15 3/8
50	14	11	14	11	11 1/2	13 1/2	11 9/16	13 1/2
30	15 15/16	9 1/16	15 1/8	9 1/8	13 1/16	11 1/16	13 3/8	11 5/8
10	17 13/16	7 3/16	17 3/16	7 3/16	15 1/16	9 1/16	15 5/16	9 1/16
-10	19 3/4	5 1/4	19 1/16	5 5/16	17 1/4	7 3/4	17 3/16	7 3/16
-30	21 11/16	3 5/16	21 9/16	3 1/16	19 3/16	5 13/16	19 1/16	5 1/16

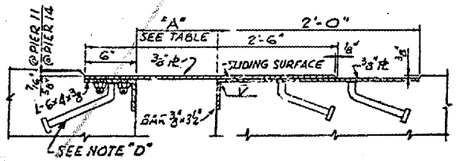
* TEMPERATURE AT TIME OF ADJUSTMENT OF EXPANSION GUARD



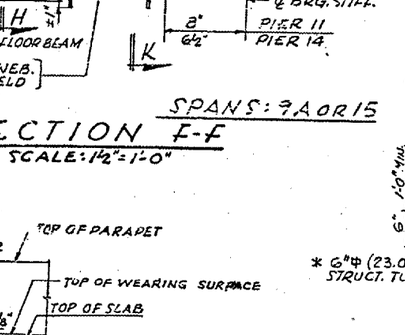
SECTION C-C



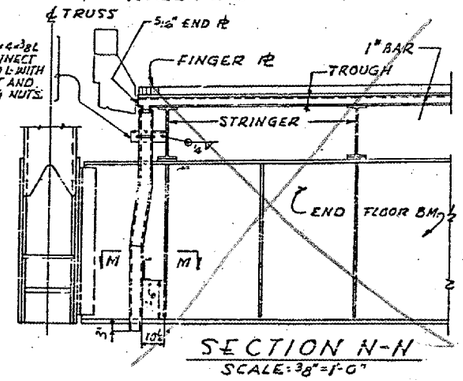
SECTION D-D



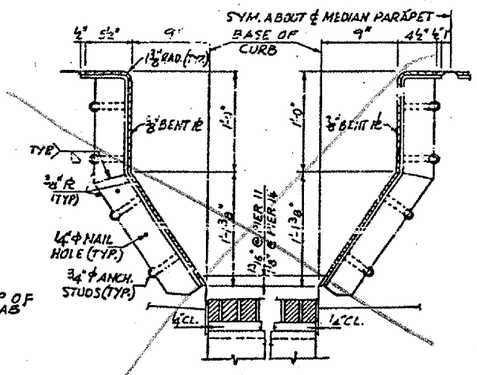
SECTION E-E
SCALE: 1½" = 1'-0"



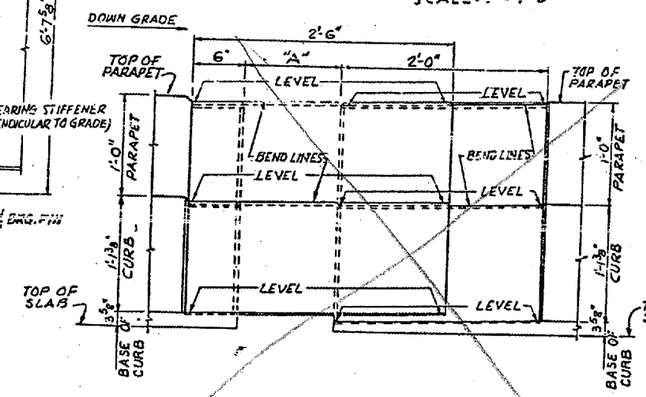
SECTION M-M
SCALE: 1" = 1'-0"



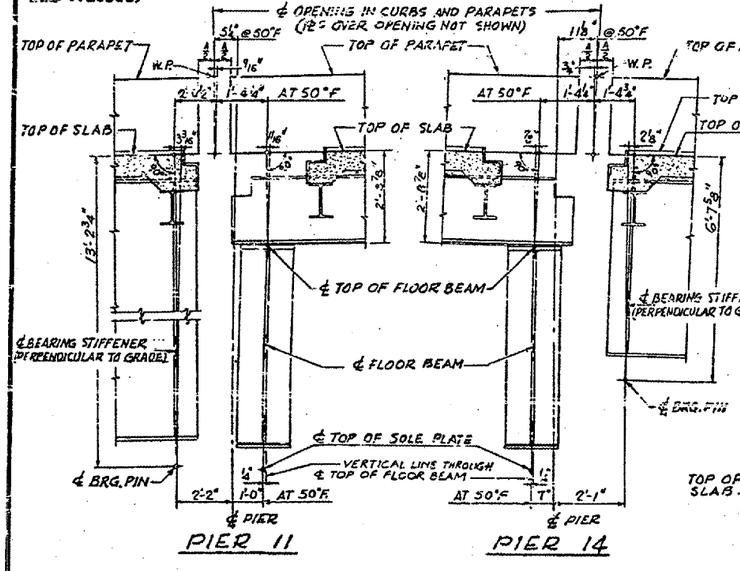
SECTION N-N
SCALE: 3/8" = 1'-0"



SECTION A-A SECTION B-B
SCALE: 1½" = 1'-0"



ELEVATION OF CURB AND PARAPET
SCALE: 1½" = 1'-0"



PIER 11 PIER 14

WORK LINES
SCALE: ½" = 1'-0"

BRIDGE NO 1
STRUCTURE NO. 002-0022
FOR INFORMATION ONLY

EXPANSION GUARD - PIER [illegible] & 14
F. A. I. RTE. 57 OVER THE M[illegible] RIVER
PROJECT I-57-9[illegible]
SECTION 02-1B-1D P
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
105 S. WABASH AVE. CHICAGO, ILLINOIS