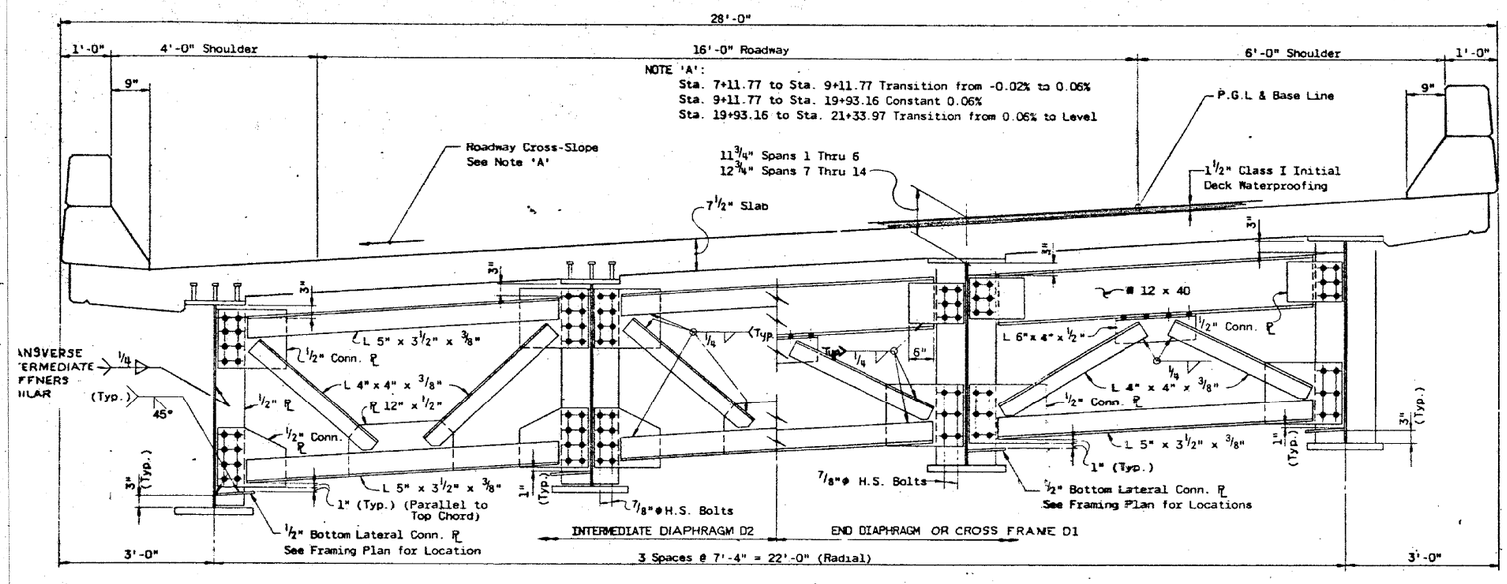
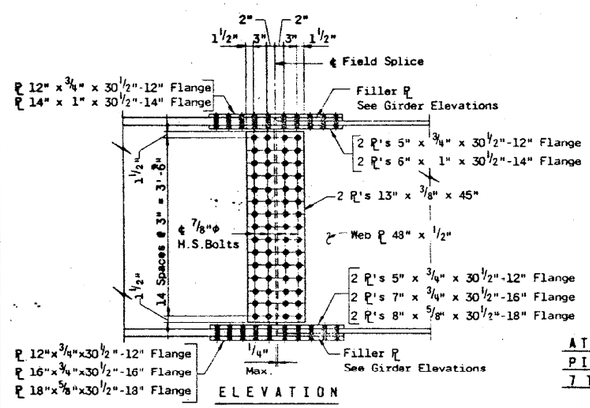
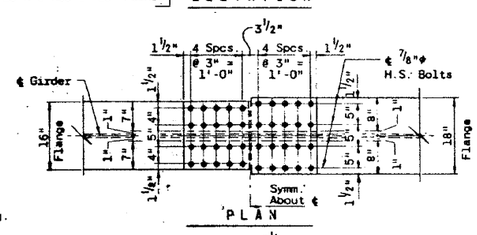


TYPICAL CROSS SECTION (WITH BOTTOM LATERALS)

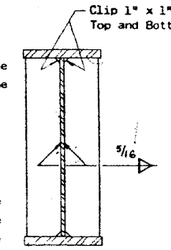
SCALE: 3/4" = 1'-0"



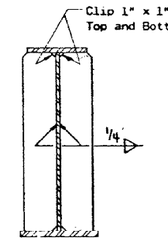
ELEVATION



PLAN



AT ABUTMENT NO. 1 & PIERS 1 THRU 5, 7 THRU 9, 11 THRU 13

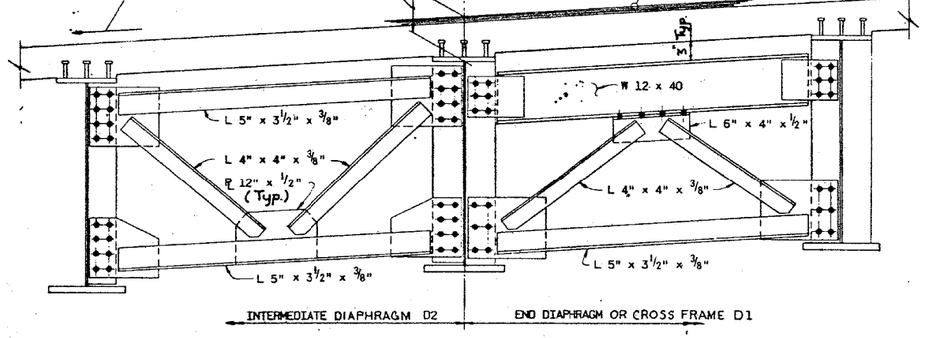


AT ABUTMENT NO. 2 & PIERS 6 AND 10

NOTE: Bearing Stiffeners shall be milled on the bearing end and have a tight fit at the other end. For Plate Sizes, see Framing Plans.

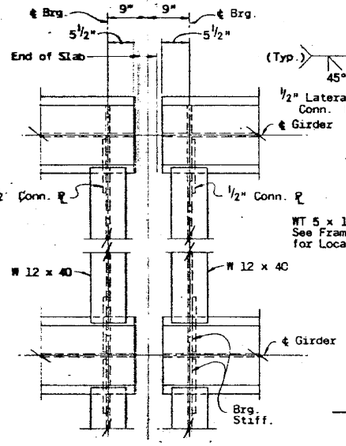
BEARING STIFFENER DETAILS

NOT TO SCALE



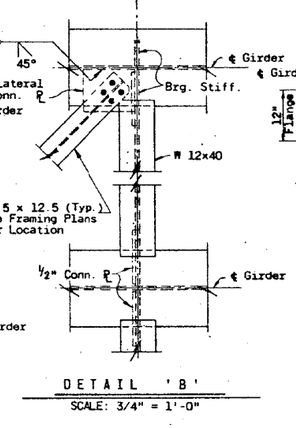
TYPICAL PART CROSS SECTION (WITHOUT BOTTOM LATERALS)

SCALE: 3/4" = 1'-0"



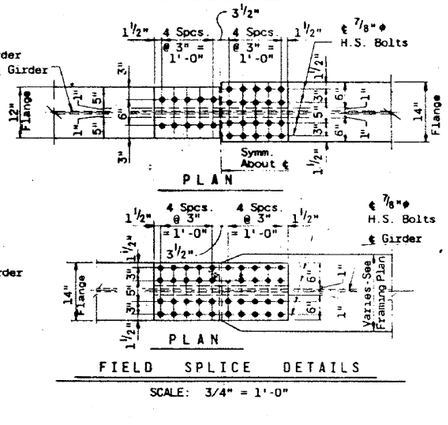
DETAIL 'A'

SCALE: 3/4" = 1'-0"



DETAIL 'B'

SCALE: 3/4" = 1'-0"

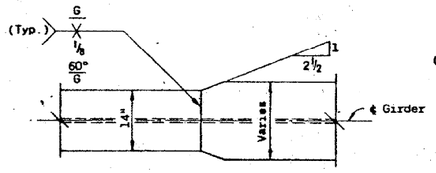


FIELD SPLICE DETAILS

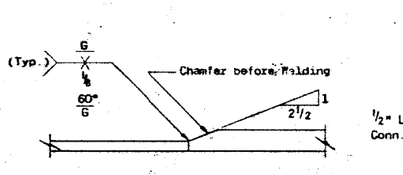
SCALE: 3/4" = 1'-0"

NOTES:

1. For locations of Details 'A', 'B', 'C', 'D' & Field Splices & additional notes, See Sheets 27, 28, & 29
2. For Slab Reinforcing, See Sheets 18, 19, & 20



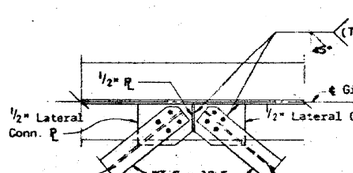
VARIABLE FLANGE WIDTH



VARIABLE FLANGE THICKNESS

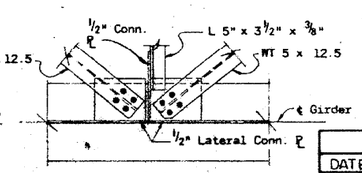
WELDED FLANGE SPLICE DETAILS

NOT TO SCALE



DETAIL 'C'

SCALE: 3/4" = 1'-0"



DETAIL 'D'

SCALE: 3/4" = 1'-0"

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

GEORGE W. DUNNE
PRESIDENT BOARD OF COMMISSIONERS

SUPERINTENDENT OF HIGHWAYS

STRUCTURAL STEEL BRACING DETAILS

STONY ISLAND CONNECTOR TO FAI 94
RAMP Q STRUCTURE

KNOERLE, BENDER, STONE & ASSOCIATES INC
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

PROJECT EBU 246(7)
SCALE
APPROVED

APPROVED 4-11-12
CHIEF ENGINEER

F.A. Route No.	COUNTY HWY. Route No.	Sheet No.	Total Sheets	Drawing No.
122	174A	30	109	

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

USER NAME =	DESIGNED -	REVISED -
	CHECKED - BAK	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 11/08/2012	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)
STRUCTURE NO. 016-2437
SHEET NO. S-70 OF S-83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	233
		CONTRACT NO. 60V61		
	ILLINOIS FED. AID PROJECT			

S:\1872-MS_CADD\Structural\SN 0162437\CADD Sheets\0162437-60J12-070-FY07.dgn 12/7/2012 2:26:52 PM