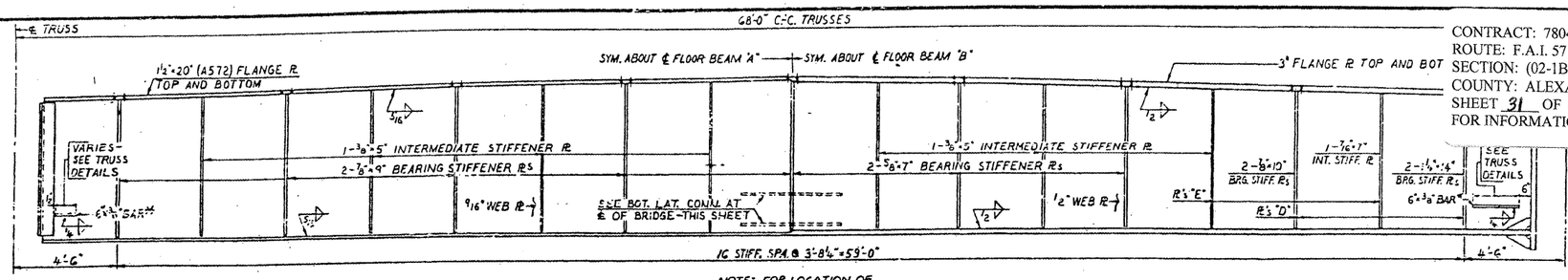
CONTRACT: 78040
ROUTE: F.A.I. 57
SECTION: (02-1B-1)P-1
COUNTY: ALEXANDER, IL; MISSISSIPPI, MO
SHEET 31 OF 67
FOR INFORMATION ONLY

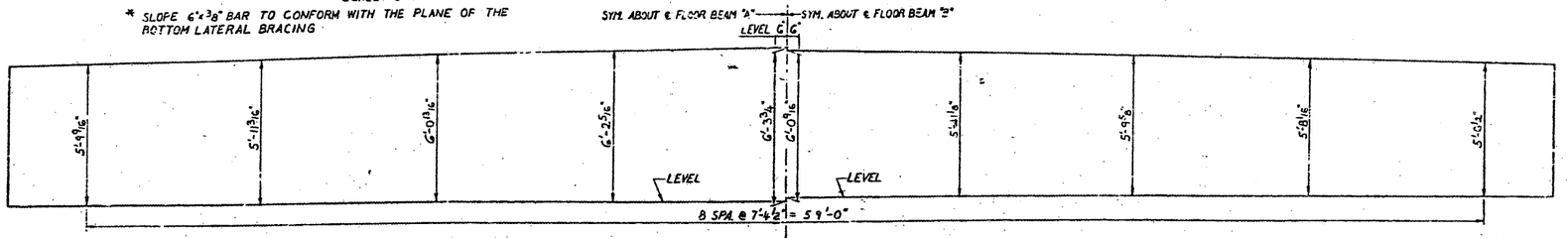


HALF ELEVATION INTERMEDIATE FLOOR BEAM "A"
SCALE: ⅜"=1'-0"

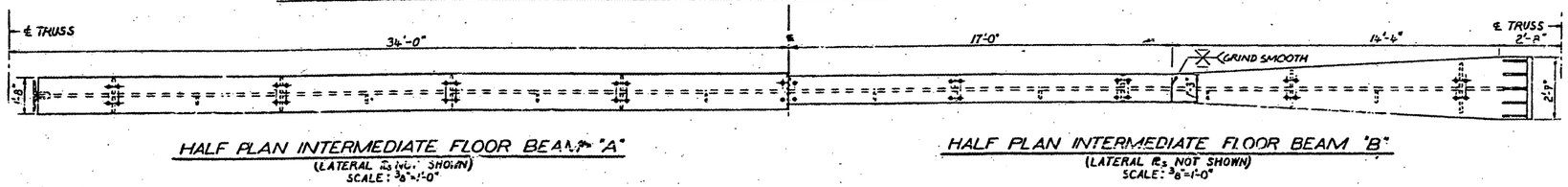
NOTE: FOR LOCATION OF FLOOR BEAMS "A" & "B" SEE FRAMING PLAN, SHT. 49

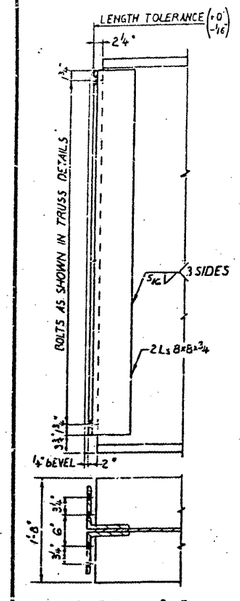
HALF ELEVATION INTERMEDIATE FLOOR BEAM "B"
SCALE: ⅜"=1'-0"

* SLOPE 6"x⅜" BAR TO CONFORM WITH THE PLANE OF THE BOTTOM LATERAL BRACING



WEB PLATE OFFSETS CAMBERED FOR CROWN & TOTAL DEAD LOAD DEFLECTIONS OF FLOOR BEAMS "A" & "B"

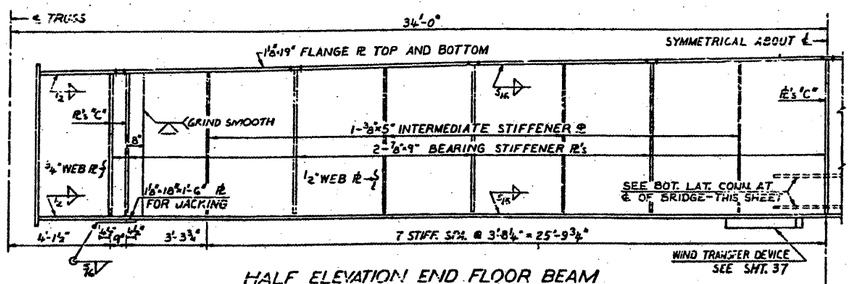




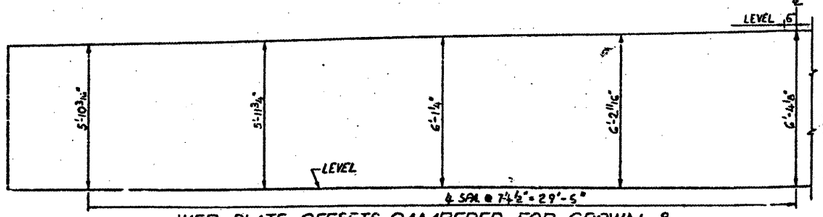
FLOOR BEAM "A" CONNECTION
(LATERAL ℞s NOT SHOWN)
SCALE: 1"=1'-0"

HALF PLAN INTERMEDIATE FLOOR BEAM "A"
(LATERAL ℞s NOT SHOWN)
SCALE: ⅜"=1'-0"

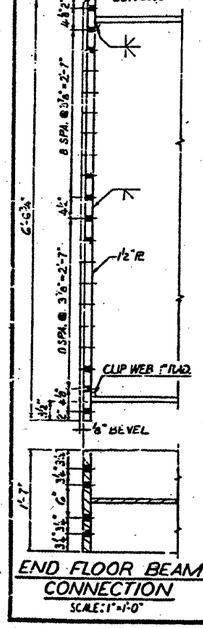
HALF PLAN INTERMEDIATE FLOOR BEAM "B"
(LATERAL ℞s NOT SHOWN)
SCALE: ⅜"=1'-0"



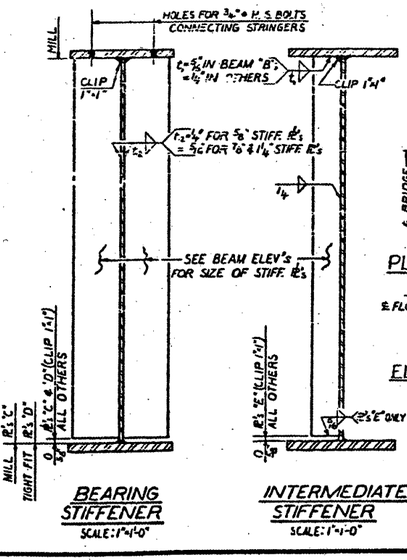
HALF ELEVATION END FLOOR BEAM
SCALE: ⅜"=1'-0"



WEB PLATE OFFSETS CAMBERED FOR CROWN & TOTAL DEAD LOAD DEFLECTION OF END FLOOR BEAM

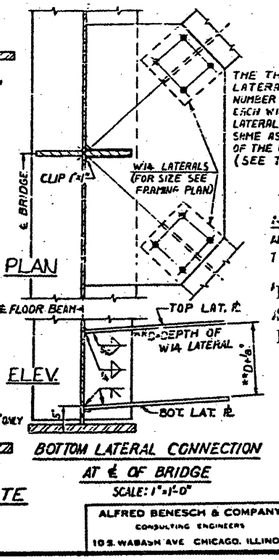


END FLOOR BEAM CONNECTION
SCALE: 1"=1'-0"

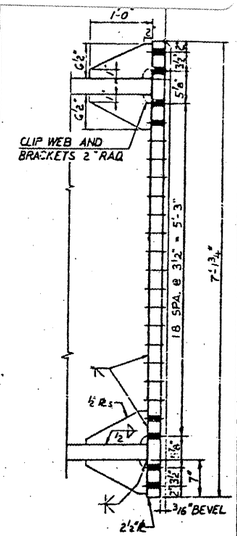


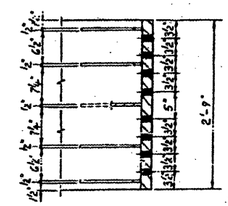
BEARING STIFFENER
SCALE: 1"=1'-0"

INTERMEDIATE STIFFENER
SCALE: 1"=1'-0"



BOTTOM LATERAL CONNECTION AT ℄ OF BRIDGE
SCALE: 1"=1'-0"





FLOOR BEAM "B" CONNECTION
(LATERAL ℞s NOT SHOWN)
SCALE: 1"=1'-0"

NOTES:
ALL MATERIAL ASTM A36 UNLESS NOTED.
1

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

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

FLOOR BEAMS - SPANS 12, 13 & ..
F. A. I. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT I-57-9(5)0
SECTION (02-1B-1)D
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25