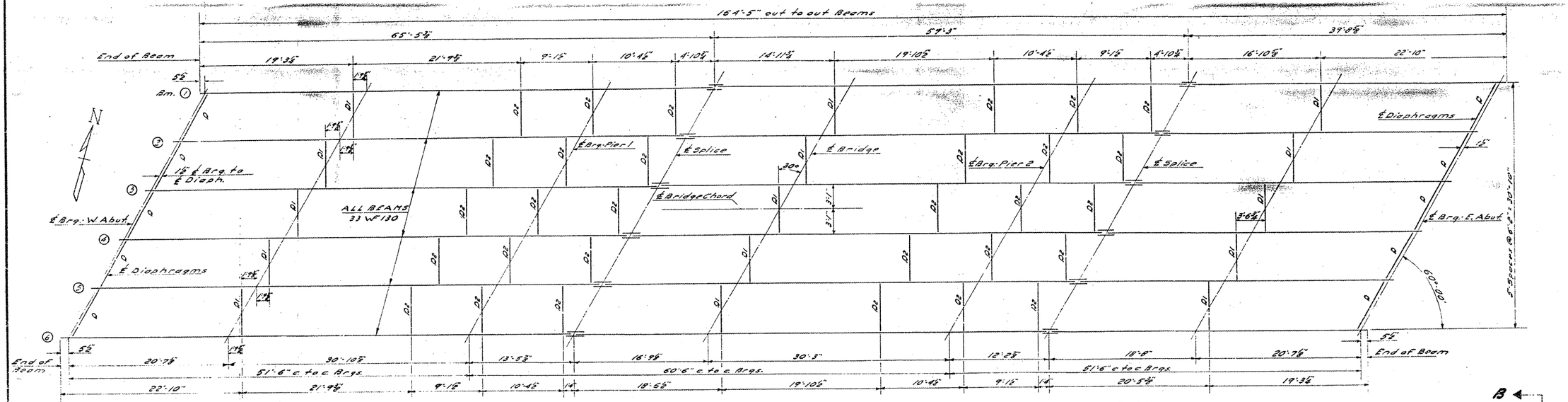
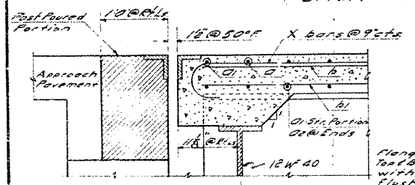
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

VARIOUS ROUTES
D9 BRIDGE PAINTING FY 09-1
VARIOUS COUNTIES
CONTRACT 78093
FOR INFORMATION ONLY
SHEET 15 OF 31

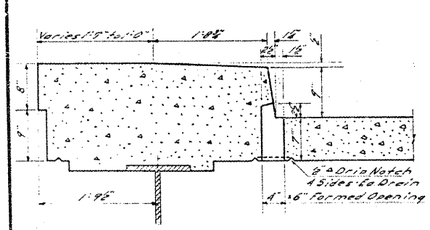


PLAN OF STRUCTURAL STEEL

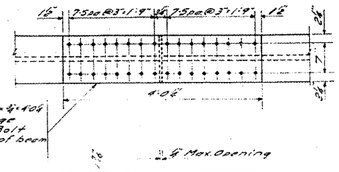


SECTION AT ABUTMENT

Showing Reinforcement

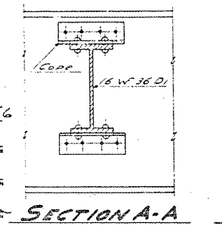


FLOOR DRAIN DETAIL



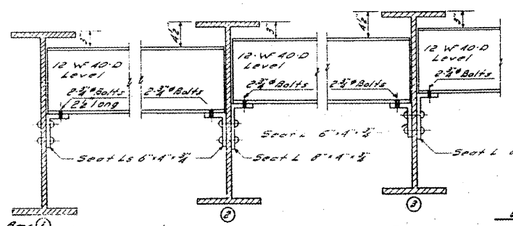
DETAIL OF BEAM SPLICE

12 Required



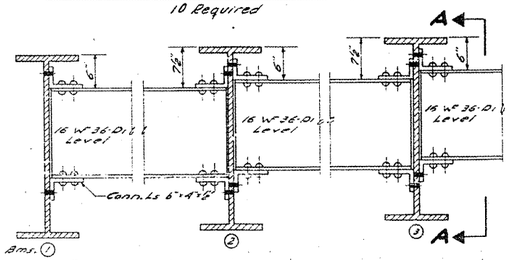
SECTION A-A

SECTION B-B



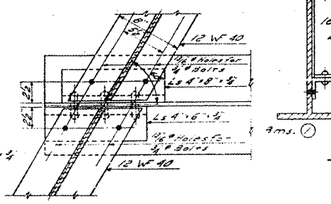
DETAIL OF DIAPHRAGM-D

10 Required

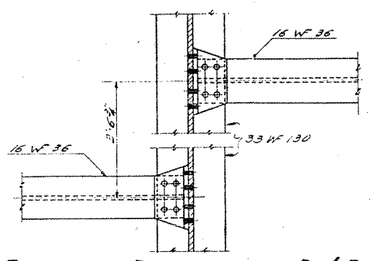


DETAIL OF DIAPHRAGM-D1

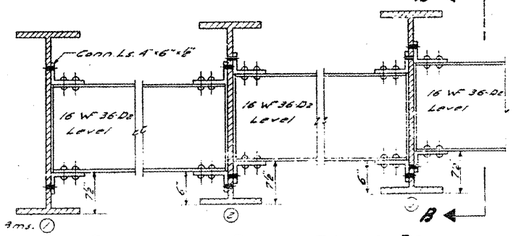
15 Required



PLAN OF DIAPHRAGM-D

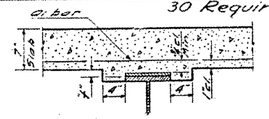


PLAN OF DIAPHRAGM-D1 & D2



DETAIL OF DIAPHRAGM-D2

30 Required



METHOD OF DETERMINING FILLET HEIGHTS & 7"

After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at intervals not to exceed 10 ft. From these elevations subtract the increment of deflection for these points determined from the D.L. Deflection Diagram. The elevations so determined subtracted from the theoretical grade elevations, minus floor thickness, equals the fillet heights above top of beam.

DESIGNED Joseph J. Ruisanz
CHECKED J. Kellogg
DRAWN E.W. Pilley
CHECKED J J R. ℄

APRIL 24 1956
EXAMINED V.M. Romine, ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED C.L. Brant, ENGINEER OF DESIGN
APPROVED R.P. Bartelmeyer, CHIEF HIGHWAY ENGINEER

STRUCTURAL STEEL
BRIDGE OVER SEVEN MILE CREEK

BRIDGE NO. 2 F.A. ROUTE 16 (S.B.I. RT. 15) SEC. 15-2B
JEFFERSON COUNTY
STATION 129+81