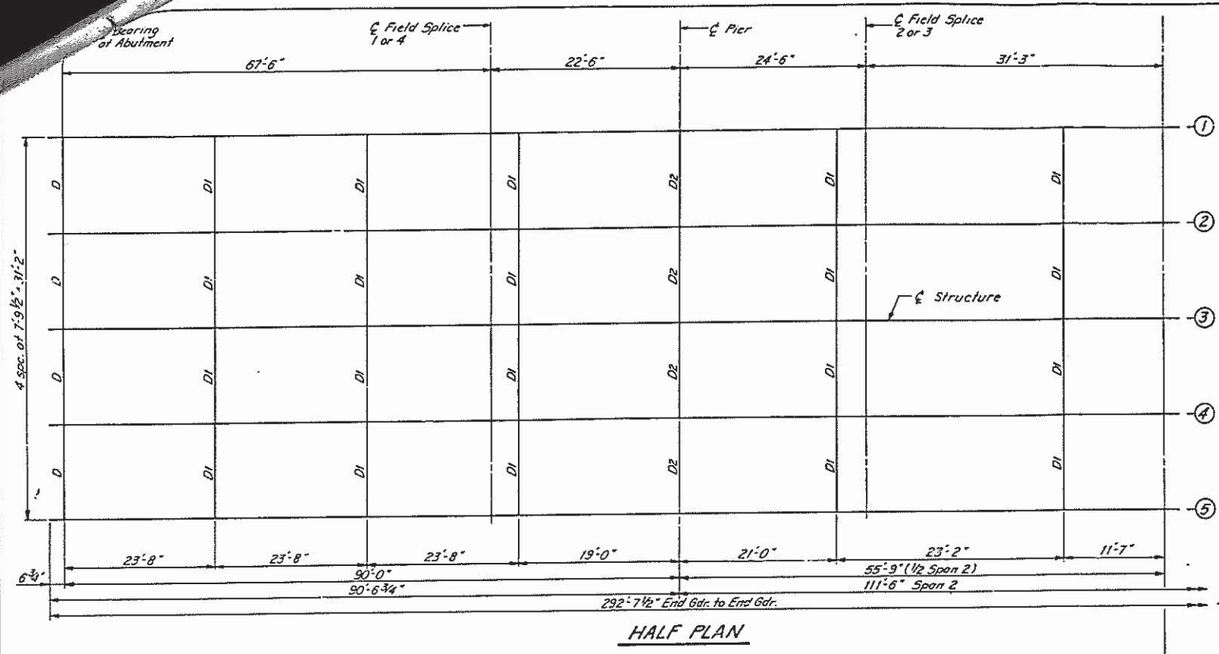
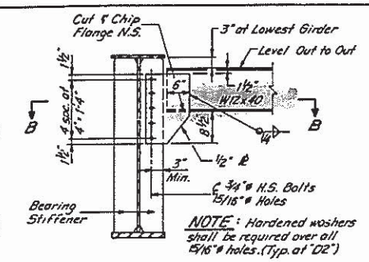
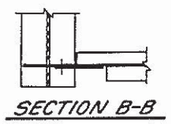
SHEET 8 OF 16	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	406	54-10HB-3	LOGAN	51	25
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJ.		



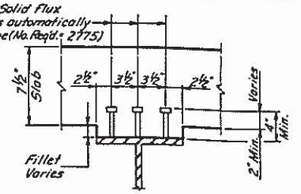
HALF PLAN



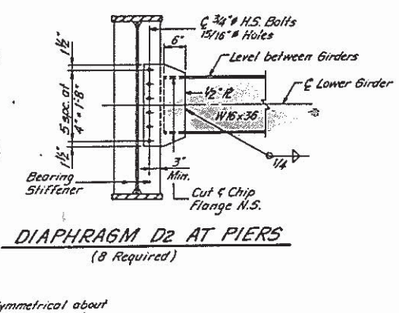
DIAPHRAGM D AT ABUTMENTS
(8 Required)



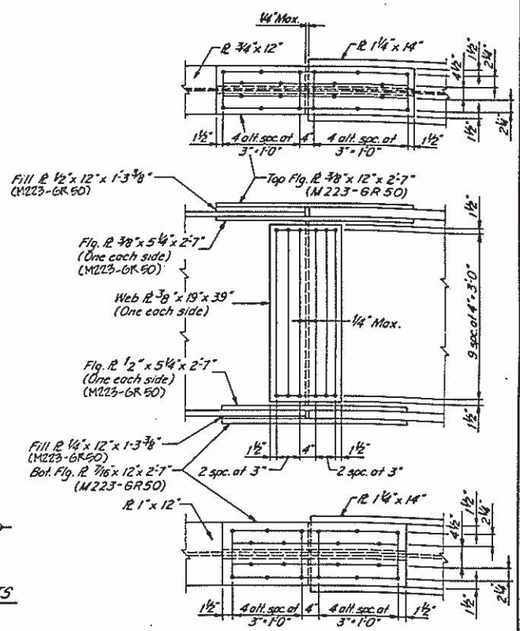
SECTION B-B



SECTION A-A

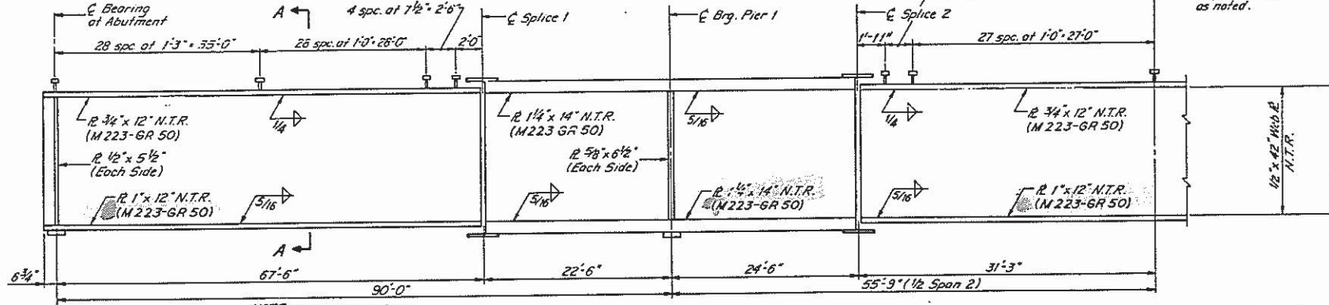


DIAPHRAGM D2 AT PIERS
(8 Required)



FIELD SPLICE DETAIL
(Same for all Splices—20 Req'd.)

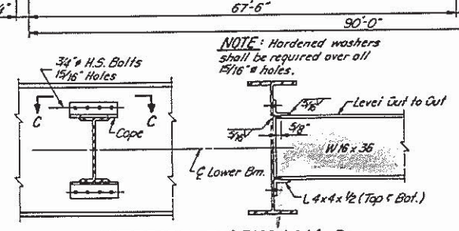
NOTE: All Splice Bolts are ⅞" ø High Strength with 15/16" ø Holes.



HALF GIRDER ELEVATION

"N.T.R." denotes plates to which match toughness requirements are applicable

BEARING STIFFENERS

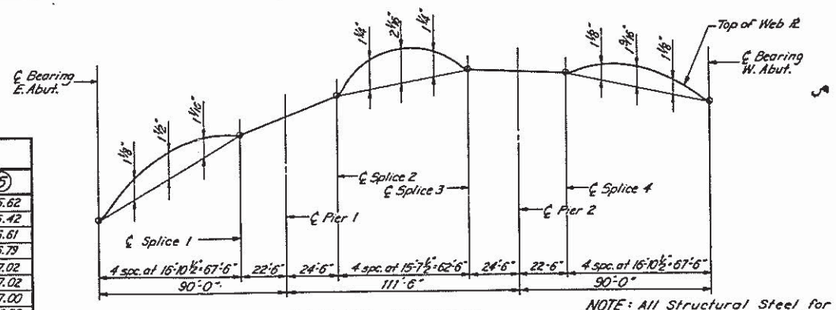


INTERIOR DIAPHRAGM D1
(40 Required)

⊗ Elevations for fabrication only

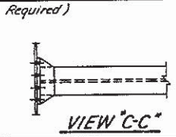
TOP OF WEB ELEVATIONS ⊗

GIRDER / LOCATION	①	②	③	④	⑤
℄ Brg. E. Abut.	635.62	635.77	635.83	635.77	635.62
Splice 1	636.42	636.57	636.63	636.57	636.42
℄ Pier 1	636.61	636.76	636.88	636.76	636.61
Splice 2	636.73	636.94	637.06	636.94	636.79
Splice 3	637.02	637.17	637.29	637.17	637.02
℄ Pier 2	637.02	637.17	637.29	637.17	637.02
Splice 4	637.00	637.15	637.27	637.15	637.00
℄ Brg. W. Abut.	636.70	636.85	636.97	636.85	636.70



CAMBER DIAGRAM
(Showing Top of Girder Web)

NOTE: All Structural Steel for girder flanges and girder flange splice plates shall be AASHTO M 223 Steel, GR 50.



VIEW "C-C"

DESIGNED	PLH
CHECKED	RBQ
DRAWN	VOLK
CHECKED	PLH & RBQ

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL DETAILS
EMDEN ROAD OVER ILLINOIS ROUTE 121
F.A. RTE. 406 SECTION 54-10HB-3
Sta. 101+50.21 (EMDEN ROAD)
Sta. 439+27.24 (F.A. RTE. 406)
LOGAN COUNTY
STRUCTURE NO. 054-0078

FILE NAME = O:\OPERATIONS\Bridgeplans_CAD\72H37 - beam end paint FY15 CH\plansheet.dgn	USER NAME = dudleybm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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Default	PLOT DATE = Aug-28-2014 01:42:22PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS SN 054-0078
(FOR INFORMATION ONLY)
SCALE: ____ SHEET ___ OF ___ SHEETS STA. ____ TO STA. ____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D6 BDGE PAINTING 2015-1	VARIOUS	58	9
		CONTRACT NO. 72H37		
		ILLINOIS FED. AID PROJECT		