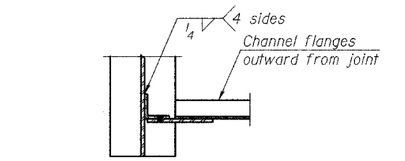
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1545	•	DUPAGE	97	41
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

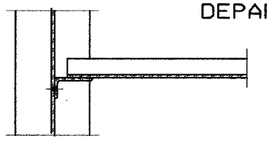
SHEET NO. - 20
39 - SHEETS

• 00-00115-00-BR

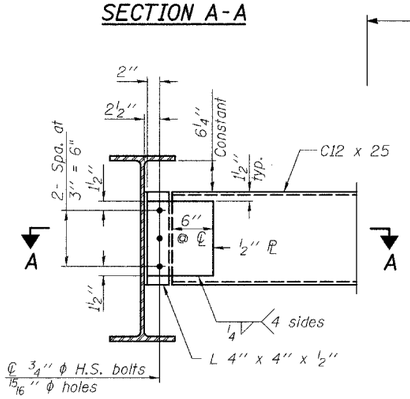
CONTRACT NO. 83961

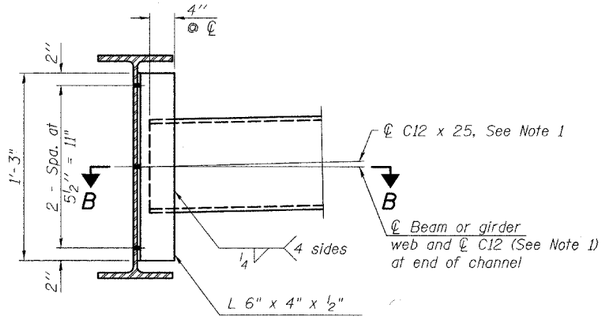


SECTION A-A



SECTION B-B





END DIAPHRAGM - D2

(10 - D2 Required)

Notes:

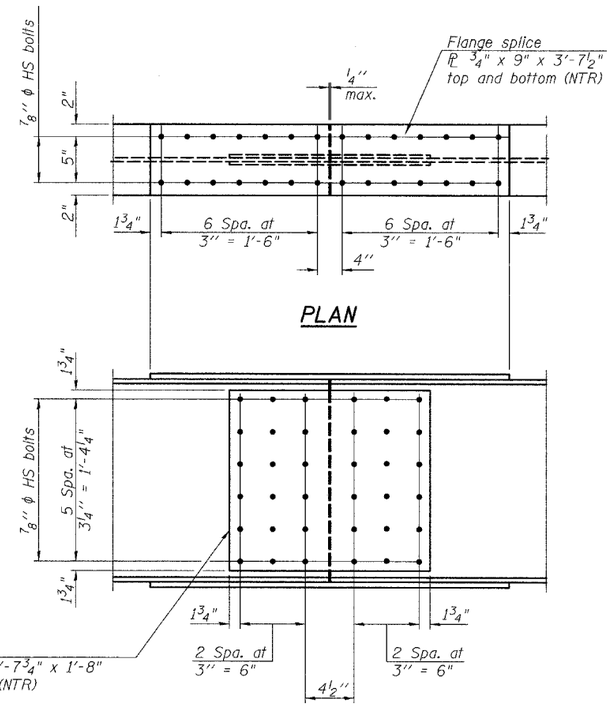
1. ¾" ϕ HS bolts, 15/16" ϕ holes
2. Two hardened washers required for each set of oversized holes.

INTERIOR DIAPHRAGM - D1

(25 - D1 Required)

Notes:

1. Alternate channels are permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section.
2. ¾" ϕ HS bolts, 15/16" ϕ holes
3. Two hardened washers required for each set of oversized holes.



PLAN

ELEVATION

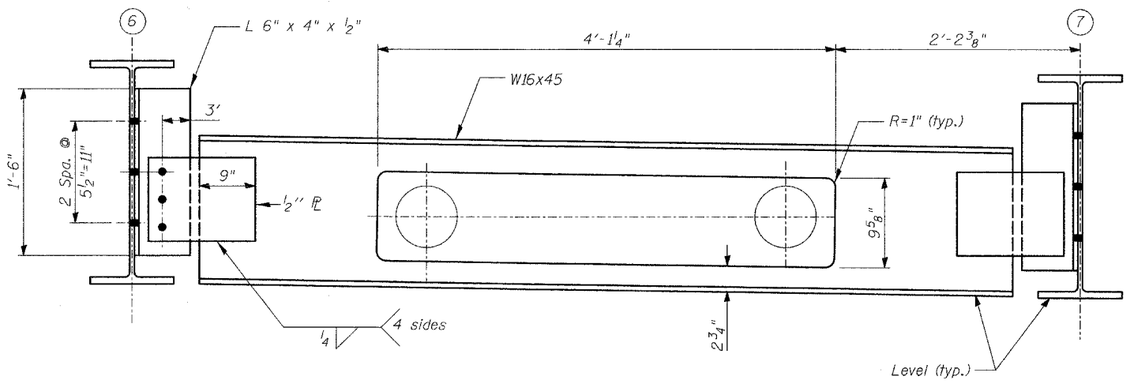
SPLICE DETAIL

(7- Required)

TOP OF BEAM ELEVATIONS

For Fabrication Only.

Beam	℄ Brg. W. Abut.	℄ Brg. Pier 1	℄ Brg. Pier 2	F.S.	℄ Brg. E. Abut.
Beam 1	657.00	657.01	657.03	657.03	657.01
Beam 2	657.13	657.15	657.16	657.16	657.14
Beam 3	657.27	657.28	657.29	657.29	657.27
Beam 4	657.27	657.28	657.29	657.29	657.27
Beam 5	657.13	657.15	657.16	657.16	657.14
Beam 6	657.00	657.01	657.02	657.03	657.00
Beam 7	656.87	656.88	656.89	656.89	656.87



DIAPHRAGM - D3

(7 - D3 Required)

Notes:

1. ¾" ϕ HS bolts, 15/16" ϕ holes
2. Two hardened washers required for each set of oversized holes.

TY·LIN INTERNATIONAL

DESIGNED	-	PL
CHECKED	-	SP
DRAWN	-	PL
CHECKED	-	SP

FRAMING DETAILS

BAILEY ROAD OVER THE
WEST BRANCH OF THE DUPAGE RIVER
FAU 1545
SECTION 00-00115-00-BR STA. 2+99.15
DUPAGE COUNTY
S.N. 022-3028