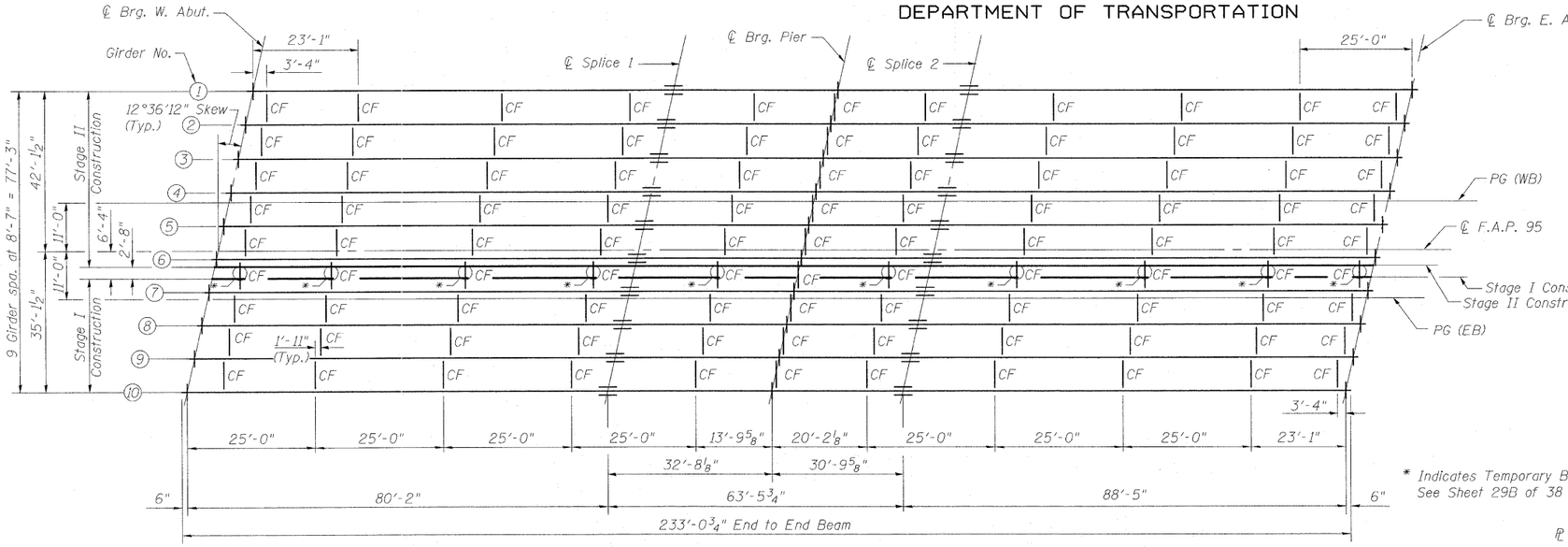
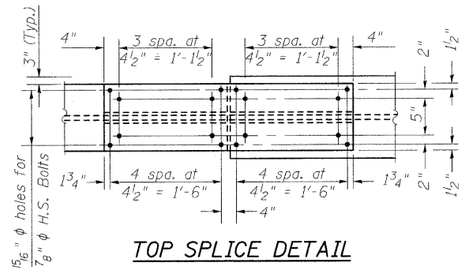
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

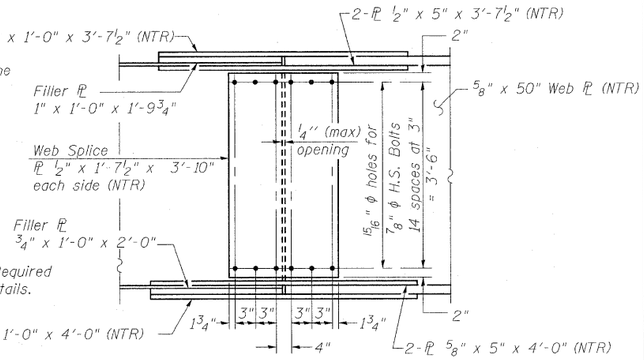


FRAMING PLAN

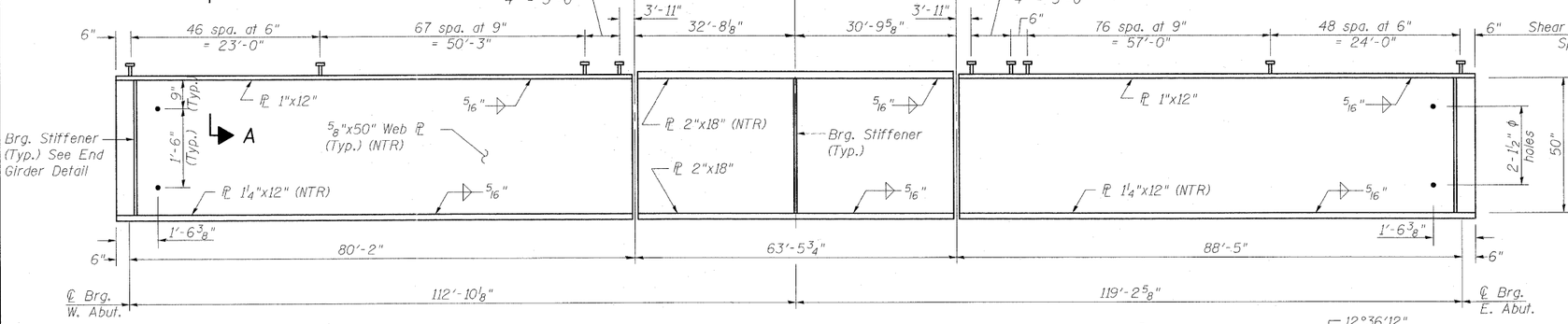
* Indicates Temporary Brace Required
See Sheet 29B of 38 for details.



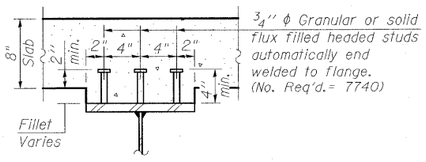
TOP SPLICE DETAIL



ELEVATION SPLICE DETAIL



GIRDER ELEVATION



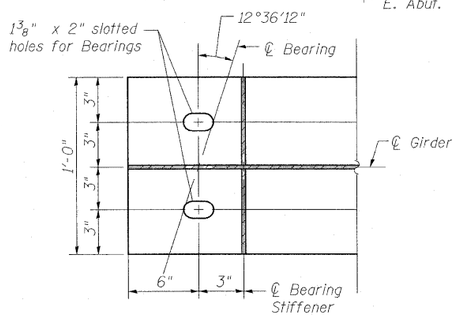
SECTION A-A

DESIGNED	A.C.S.
CHECKED	B.B.
DRAWN	W.J.S.
CHECKED	C.J.F.

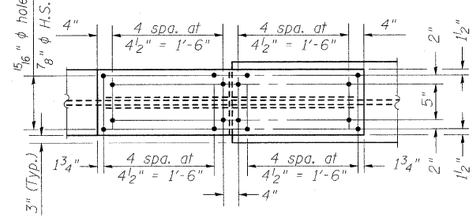
**TOP OF WEB ELEVATIONS

Location	℄ Brg. W. Abut	℄ Splice 1	℄ Pier	℄ Splice 2	℄ Brg. E. Abut
Girder 1	602.68	603.23	603.22	603.33	602.82
Girder 2	602.84	603.40	603.39	603.51	603.02
Girder 3	602.98	603.57	603.56	603.69	603.22
Girder 4	603.15	603.74	603.74	603.87	603.41
Girder 5	603.28	603.89	603.90	604.04	603.59
Girder 6	603.37	603.99	604.00	604.15	603.73
Girder 7	603.20	603.85	603.85	604.02	603.60
Girder 8	603.00	603.67	603.70	603.85	603.46
Girder 9	602.79	603.48	603.51	603.67	603.29
Girder 10	602.60	603.29	603.33	603.50	603.13

** "For Fabrication Only"



END GIRDER DETAIL



BOTTOM SPLICE DETAIL
(20 Required)

Notes:
See Sheet 29 of 38 for Camber Diagram.
Two hardened washers required for each set of oversized holes.
All splice plates shall be M270 Grade 50 (NTR).
All cross frames or diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.
Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.
"NTR" denotes plates to which notch toughness requirements are applicable.
For details of Crossframes See Sheet 29B of 38.
For details of Bearing Stiffeners See Sheet 29B of 38.

BERNARDIN LOCHMUELLER & ASSOCIATES, INC.
3 Oak Drive
Maryville, IL 62062-5635
Local-(618) 288-4665
Fax 618-288-4666

STRUCTURAL STEEL
STRUCTURE NO. 025-0106

SHEET NO. 28	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
38 SHEETS	57/70	(25-3HB-2)B	EFFINGHAM	839	357
	SN 025-0106		CONTRACT NO. 74293		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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