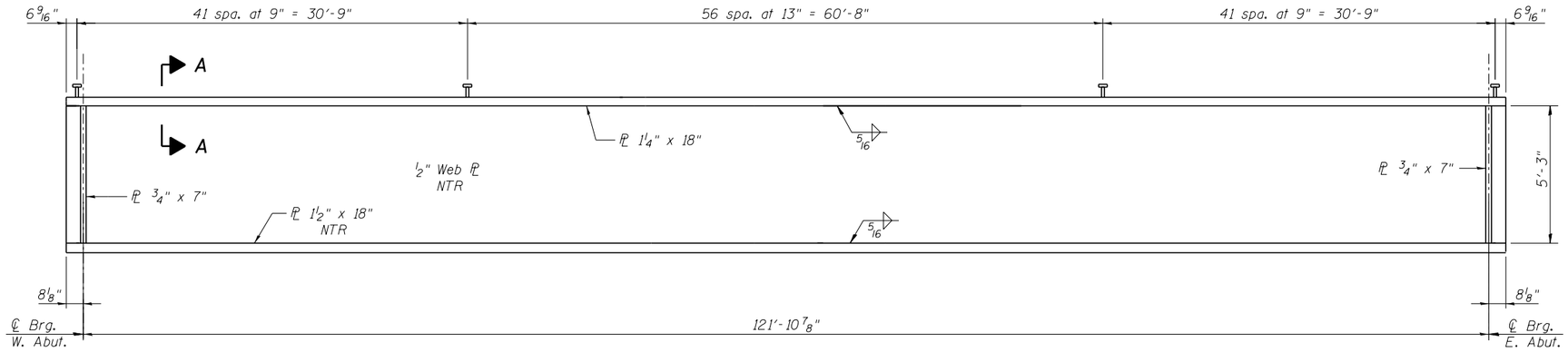
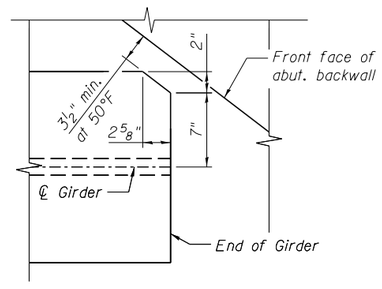
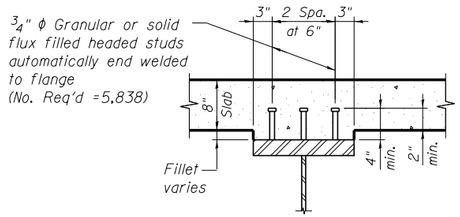


GIRDER ELEVATION

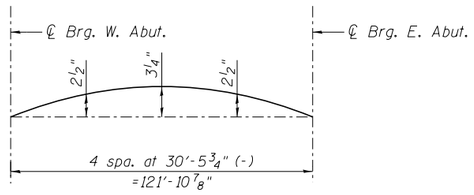


END OF GIRDER COPING DETAIL

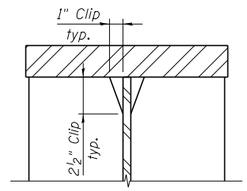
(Top Flange only, to accommodate deck edge beam)



SECTION A-A

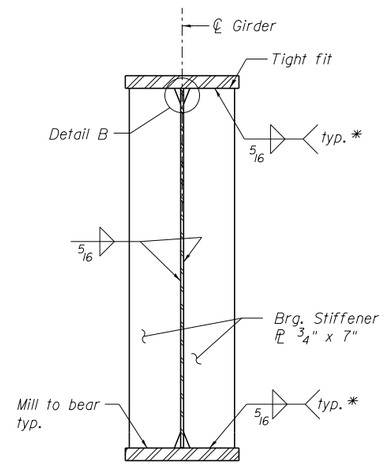


CAMBER DIAGRAM



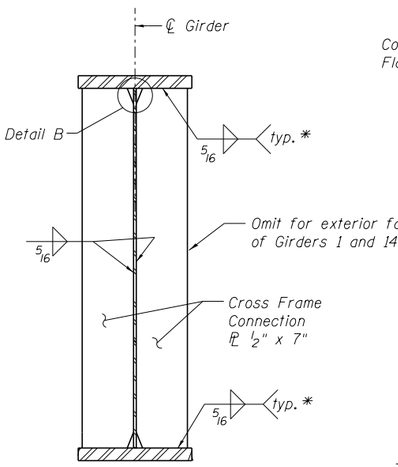
DETAIL B

(Typical top & bottom flanges)



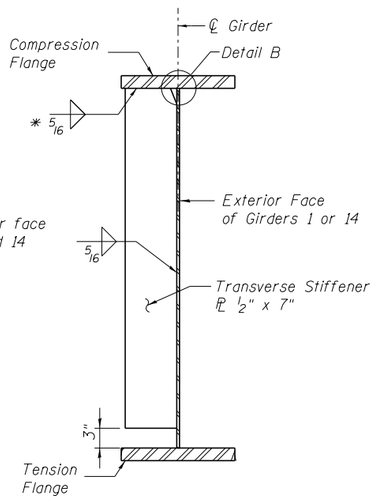
BEARING STIFFENER

(No. plates required = 56)



CONNECTION PLATE

(No. plates required = 108)



TRANSVERSE STIFFENER

(No. plates required = 28)

* Terminate weld 1/4" from outside edges of PLs

TOP OF WEB ELEVATIONS

Location	Girder 1	Girder 2	Girder 3	Girder 4	Girder 5	Girder 6	Girder 7	Girder 8	Girder 9	Girder 10	Girder 11	Girder 12	Girder 13	Girder 14
Brg. W. Abut.	750.66	750.79	750.93	751.03	751.05	750.86	750.64	750.61	750.73	750.82	750.71	750.51	750.28	750.06
Brg. E. Abut.	750.14	750.28	750.41	750.52	750.54	750.36	750.14	750.09	750.22	750.31	750.20	750.00	749.77	749.55

For fabricator use only.

NOTES:

1. All girder webs and flanges shall be AASHTO M270 Grade 50 steel.
2. "NTR" denotes plates to which notch toughness requirements are applicable.
3. Load carrying components designated "NTR" shall conform to the Impact Testing Requirements, Zone 2.

benesch engineers · scientists · planners
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205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10056

FILE NAME = 0900167_68620_25_stdtl.dgn	USER NAME = mbecker	DESIGNED - MFB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GIRDER DETAILS 1 OF 4 STRUCTURE NO. 090-0167	F.A.I. RTE. 74	SECTION 90-(14R;(14HB-4,14,14HVB)BR)
		CHECKED - MRB/DTS	REVISED -				COUNTY TAZEWELL
	PLOT SCALE =	DRAWN - PRT	REVISED -				TOTAL SHEETS 2433
	PLOT DATE = 7/16/2012	CHECKED - MRB	REVISED -		SHEET NO. SB25 OF SB65 SHEETS		SHEET NO. 1936
							CONTRACT NO. 68620
							ILLINOIS FED. AID PROJECT