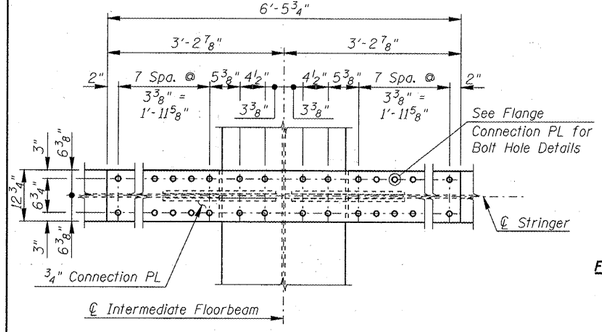
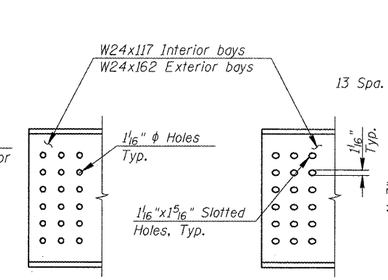
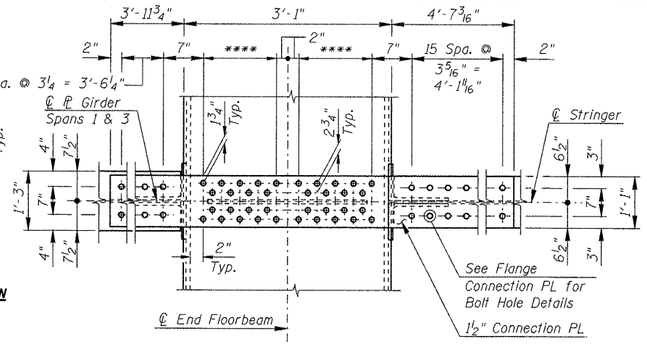


VIEW A-A



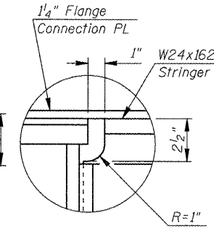
STRINGER END ELEVATION AT WEB PLATE CONNECTION

Notes:
Use standard 1 1/16" ϕ holes for 1" ϕ bolts on stringer webs at connections denoted as "Fixed".
Use 1 1/16"x1 5/16" slotted holes for 1" ϕ bolts on stringer webs at connections denoted as "Slotted".
Bolt holes in web connection plates and FB stiffener PL shall be 1 1/16" ϕ holes for 1" ϕ bolts.

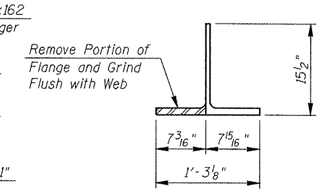


VIEW E-E

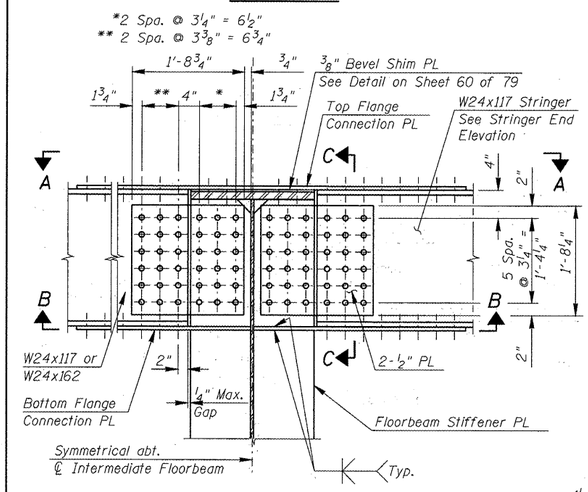
**** 8 Spa. @ 1 5/8" = 1'-1"



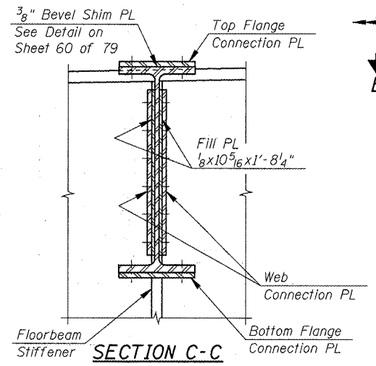
DETAIL H



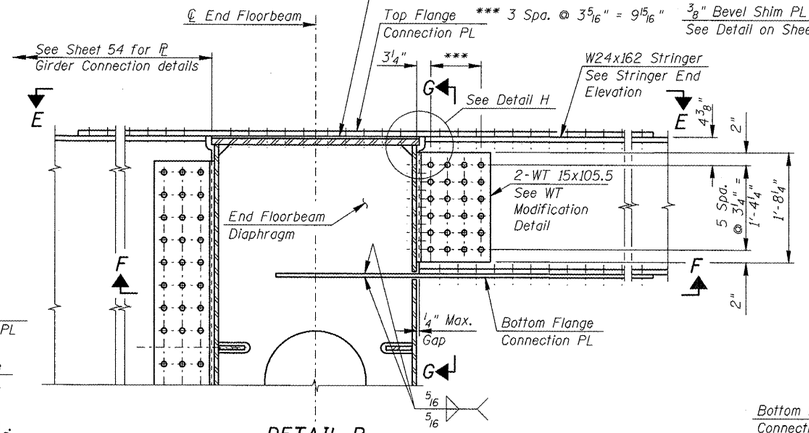
WT MODIFICATION DETAIL



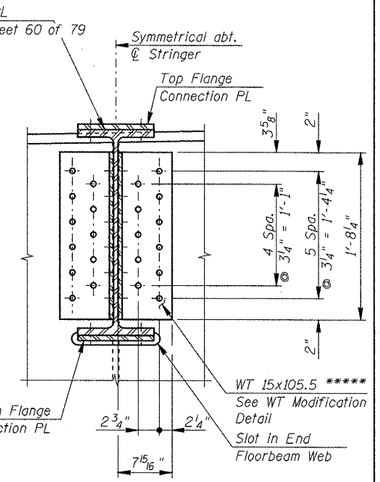
DETAIL A



SECTION C-C

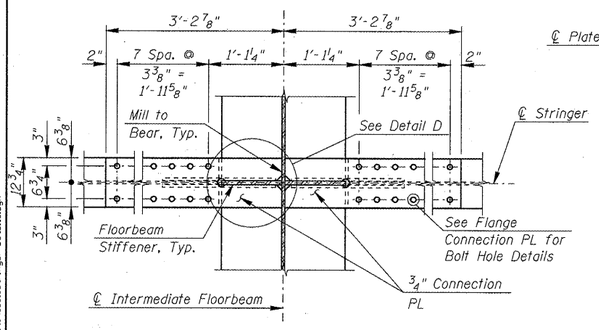


DETAIL B

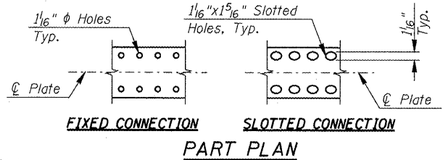


SECTION G-G

***** WT shape may be replaced with a 3/4" Bent PL at Contractors option.

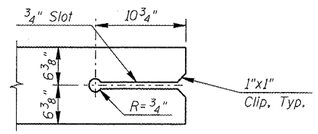


VIEW B-B

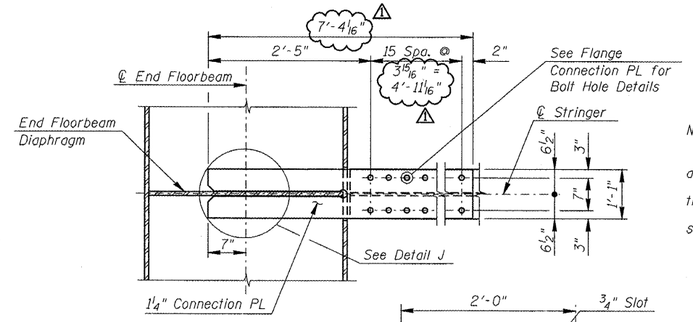


PART PLAN FLANGE CONNECTION PL

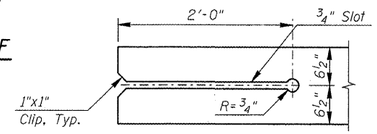
Notes:
Use standard 1 1/16" ϕ holes for 1" ϕ bolts on all flange connection plates at connections denoted as "Fixed".
Use 1 1/16"x1 5/16" slotted holes for 1" ϕ bolts on all flange connection plates at connections denoted as "Slotted".
Bolt holes in stringer flanges and floorbeam flanges shall be 1 1/16" ϕ holes for 1" ϕ bolts.



DETAIL D



VIEW F-F



DETAIL J

Notes:
o Denotes 1" ϕ high-strength bolt.
For End Floorbeam details, see sheets 54 and 55 of 79.
For Intermediate Floorbeam details, see sheets 56 thru 57 of 79.
For additional notes and locations of Details A and B, see sheet 60 of 79.

NOTE:
BOLTS IN SLOTTED CONNECTION SHALL BE FINGER TIGHT UNTIL SLAB IS POURED. BOLTS SHALL BE FULLY TIGHTENED AFTER SLAB HAS BEEN POURED. SEE SHEET 4 OF 79.

L:\ROCKFORD\08226002\Draw\CADD Sheets\S_61 Stringer Details.dgn

©Copyright CMT, Inc.

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

HNTB

DESIGNED	PA, JDJ, BPD, CJW	REVISED	ADDENDUM 1
DRAWN	GLD	REVISED	-
CHECKED	RJK	REVISED	-
DATE	02/04/2011	REVISED	-

4-25-11

CITY OF ROCKFORD
MORGAN STREET BRIDGE

STRINGER CONNECTION DETAILS
STRUCTURE NO. 101-6108

SCALE: | SHEET NO. 61 OF 79 SHEETS | STA. 47+00.74 TO STA. 52+63.50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5077	99-00493-00-BR	WINNEBAGO	253	187
		CONTRACT NO. 85529		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT BRM-5099(65)		