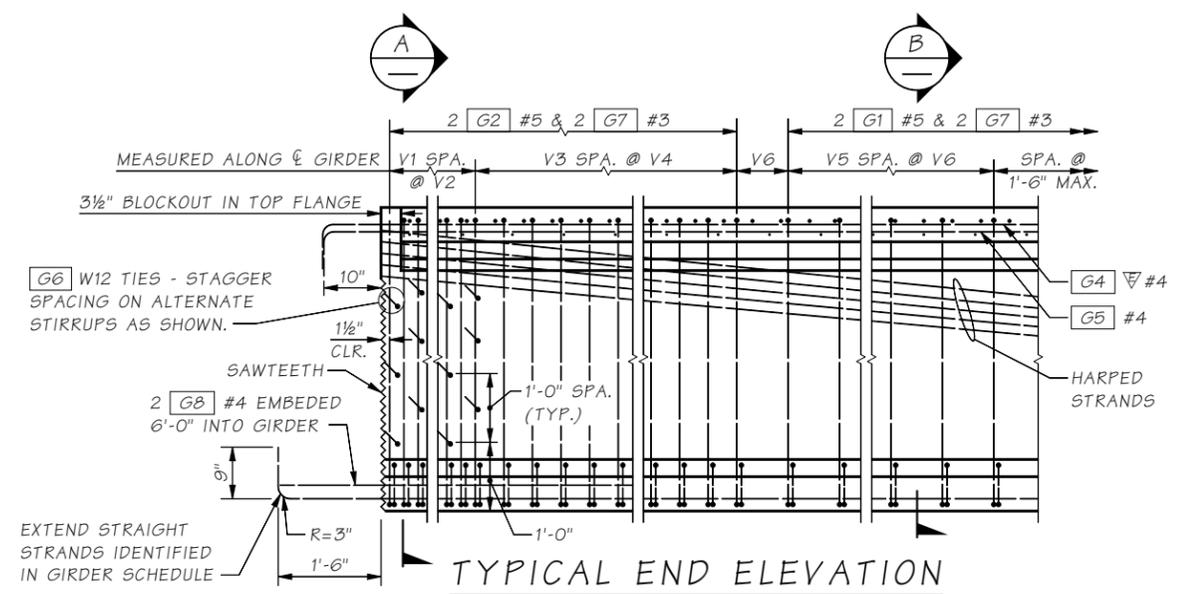


**GIRDER ELEVATION**

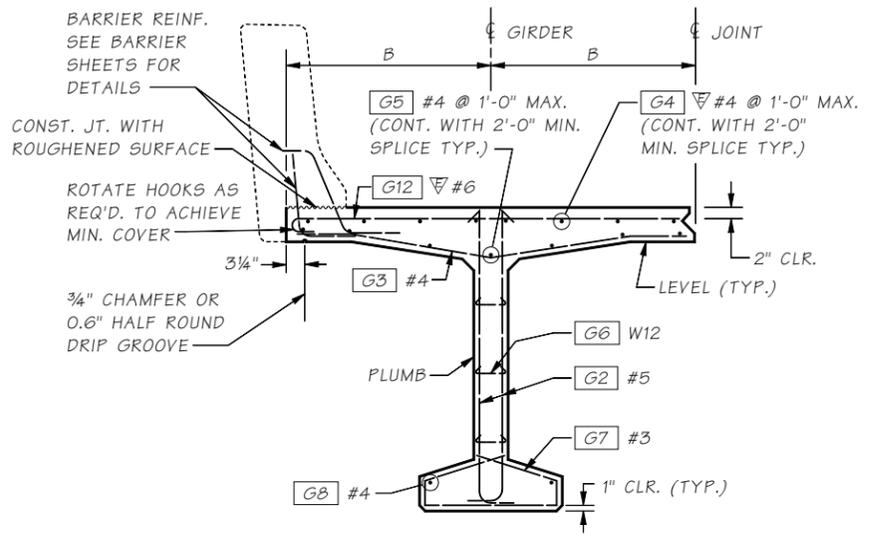
**END TYPE B BLOCKOUT**

DIMENSIONS ARE NORMAL TO DIAPHRAGM. OTHER REINFORCEMENT NOT SHOWN FOR CLARITY.



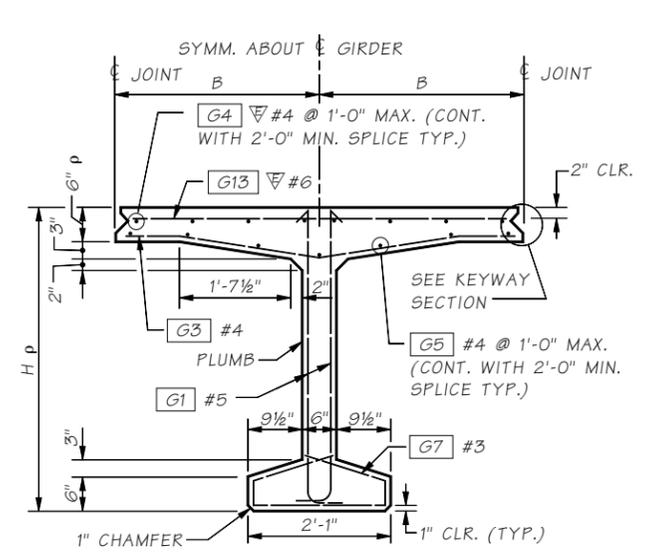
**TYPICAL END ELEVATION**

END TYPE A SHOWN, END TYPE B SIMILAR. W53DG SHOWN, OTHER SERIES SIMILAR.



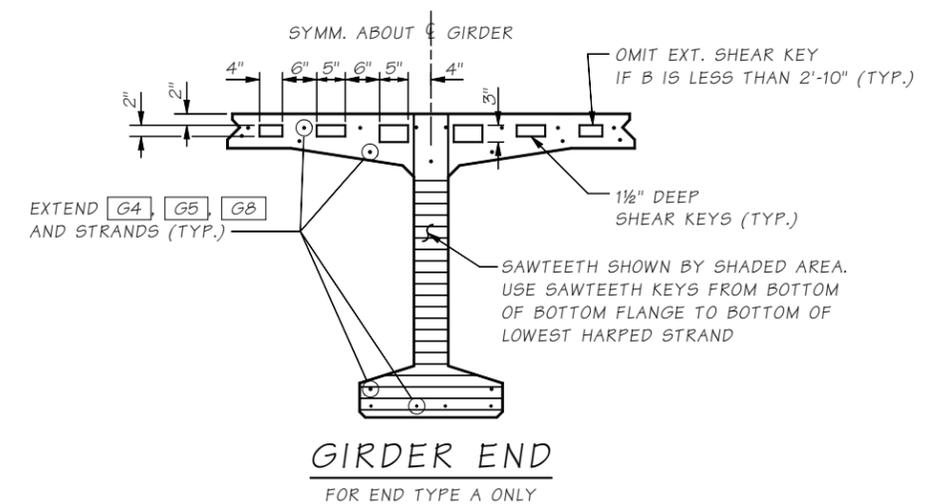
**SECTION A**

EXT. GIRDER SHOWN  
INT. GIRDER SIMILAR  
W53DG SHOWN, OTHER SERIES SIMILAR.

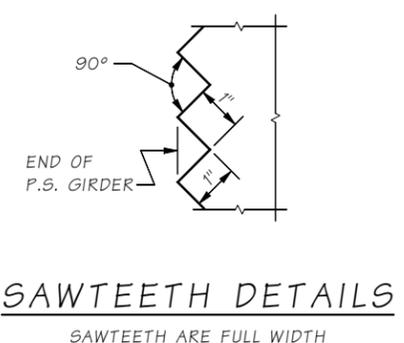


**SECTION B**

INT. GIRDER SHOWN  
EXT. GIRDER SIMILAR  
W53DG SHOWN, OTHER SERIES SIMILAR.



**GIRDER END  
FOR END TYPE A ONLY**

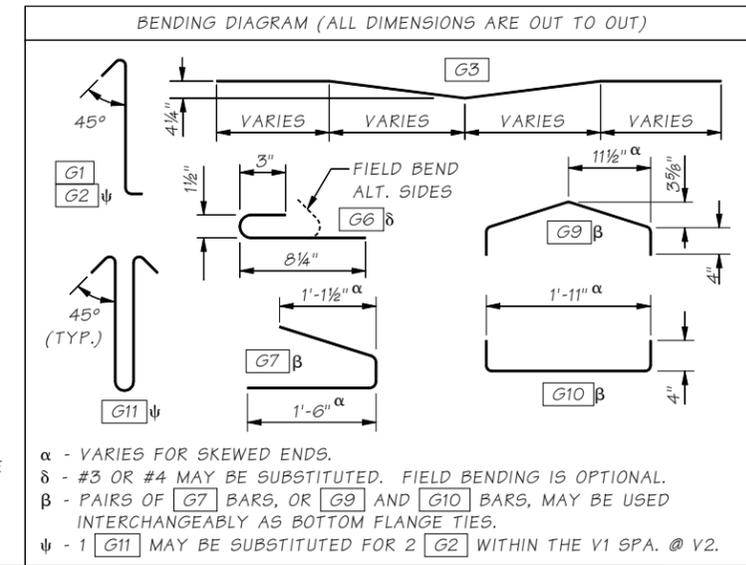


**SAWTEETH DETAILS**

SAWTEETH ARE FULL WIDTH

GIRDER SERIES	H GIRDER HEIGHT
W35DG	2'-11"
W41DG	3'-5"
W53DG	4'-5"
W65DG	5'-5"

- \*\*  $\beta$  : 1 MAXIMUM SLOPE FOR EACH HARPED STRAND
- $\lambda$  SEE GIRDER NOTE 9.
- $\rho$  THICKEN FLANGE TO COMPENSATE FOR SUPERELEVATION.
- $\nabla$  DENOTES EPOXY COATED



- $\alpha$  - VARIES FOR SKEWED ENDS.
- $\delta$  - #3 OR #4 MAY BE SUBSTITUTED. FIELD BENDING IS OPTIONAL.
- $\beta$  - PAIRS OF G7 BARS, OR G9 AND G10 BARS, MAY BE USED INTERCHANGEABLY AS BOTTOM FLANGE TIES.
- $\psi$  - 1 G11 MAY BE SUBSTITUTED FOR 2 G2 WITHIN THE V1 SPA. @ V2.

Last revised on : 06/22/2011

5.6-A7-2

Bridge Design Engr.	M:\STANDARDS\Girders\Deck Bulb Tee\DBT DETAILS 1 OF 2.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APP'D		

**BRIDGE AND STRUCTURES OFFICE**

**Washington State Department of Transportation**

**STANDARD PRESTRESSED CONCRETE GIRDERS**

DECK BULB TEE GIRDER  
DETAILS 1 OF 2