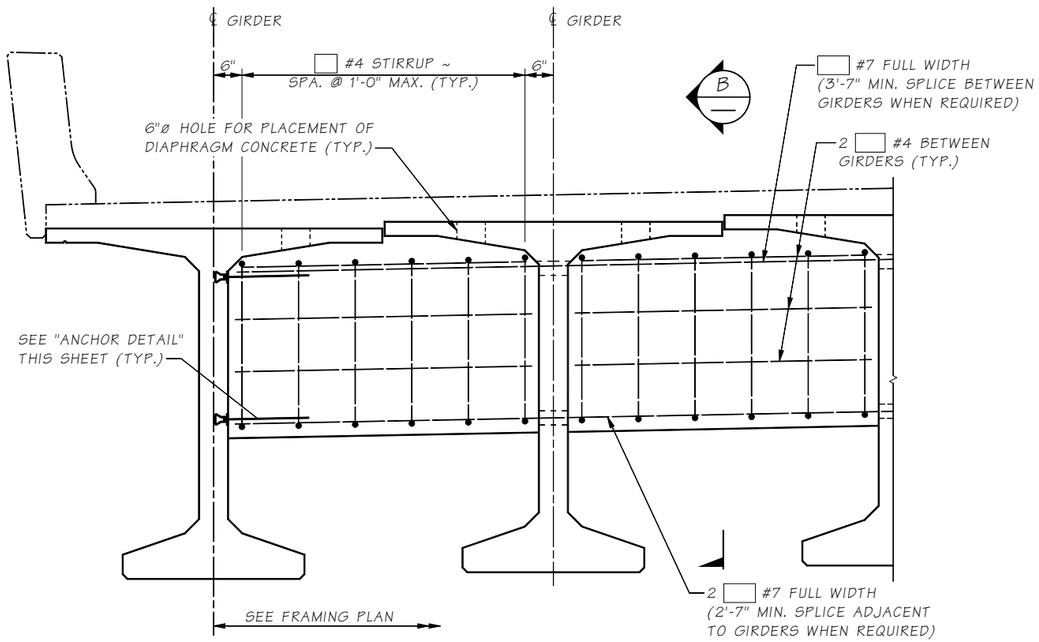
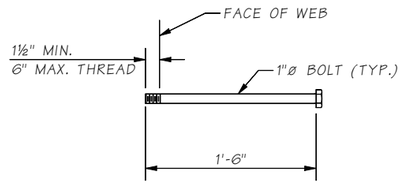


ELEVATION
PARTIAL DEPTH INTERMEDIATE DIAPHRAGM

DIMENSIONS ARE ALONG DIAPHRAGM



ANCHOR DETAIL

ASTM A-307

NOTE TO DESIGNER:

Full depth intermediate diaphragms are required for:

- I-5 bridges
- Other bridges crossing over roads of ADT>50,000

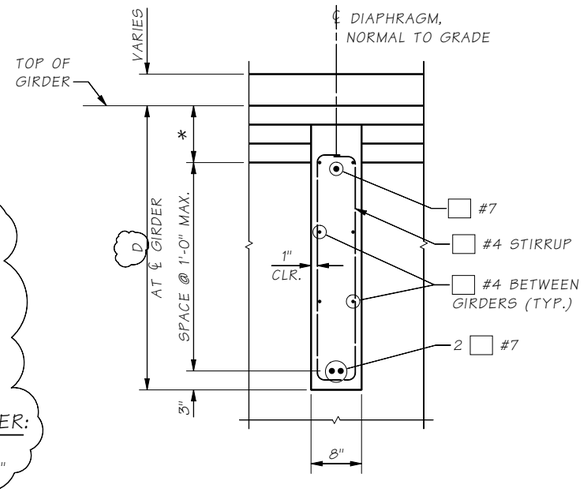
NOTE TO DETAILER:

Revise Details to show correct girder height.

GIRDER	D
WF36TDG	2'-0⅞"
WF42TDG	2'-3"
WF50TDG	2'-7½"
WF58TDG	2'-10"
WF66TDG	3'-4¼"
WF74TDG	3'-9"
WF83TDG	5'-0"
WF95TDG	5'-0"
WF100TDG	5'-11"

NOTE TO DESIGNER:

Insert appropriate dimension value for "D"



SECTION B

* 9" AT ℄ GIRDER

NOTES:

1. GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
2. IT MAY BE NECESSARY TO THREAD REINFORCING BARS THROUGH HOLES IN GIRDERS PRIOR TO PLACING EXTERIOR GIRDERS.
3. CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
4. LONGITUDINAL DIMENSIONS ARE NORMAL TO ℄ DIAPHRAGM.
5. FOR CONCRETE PLACEMENT PROCEDURE SEE "SUPERSTRUCTURE CONSTRUCTION SEQUENCE" SHEET.

Last revised on : 01/01/2015

SR ____ FILE NO. ____ SHEET ____

5.6-A5-9

Bridge Design Engr.	M:\STANDARDS\Girders\WFTDG\WFTDG PARTIAL INTERMEDIATE DIAPHRAGM.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

WF THIN DECK GIRDER PARTIAL DEPTH INTERMED. DIAPHRAGM

BRIDGE SHEET NO.

SHEET OF SHEETS

Tue Mar 10 12:29:19 2015