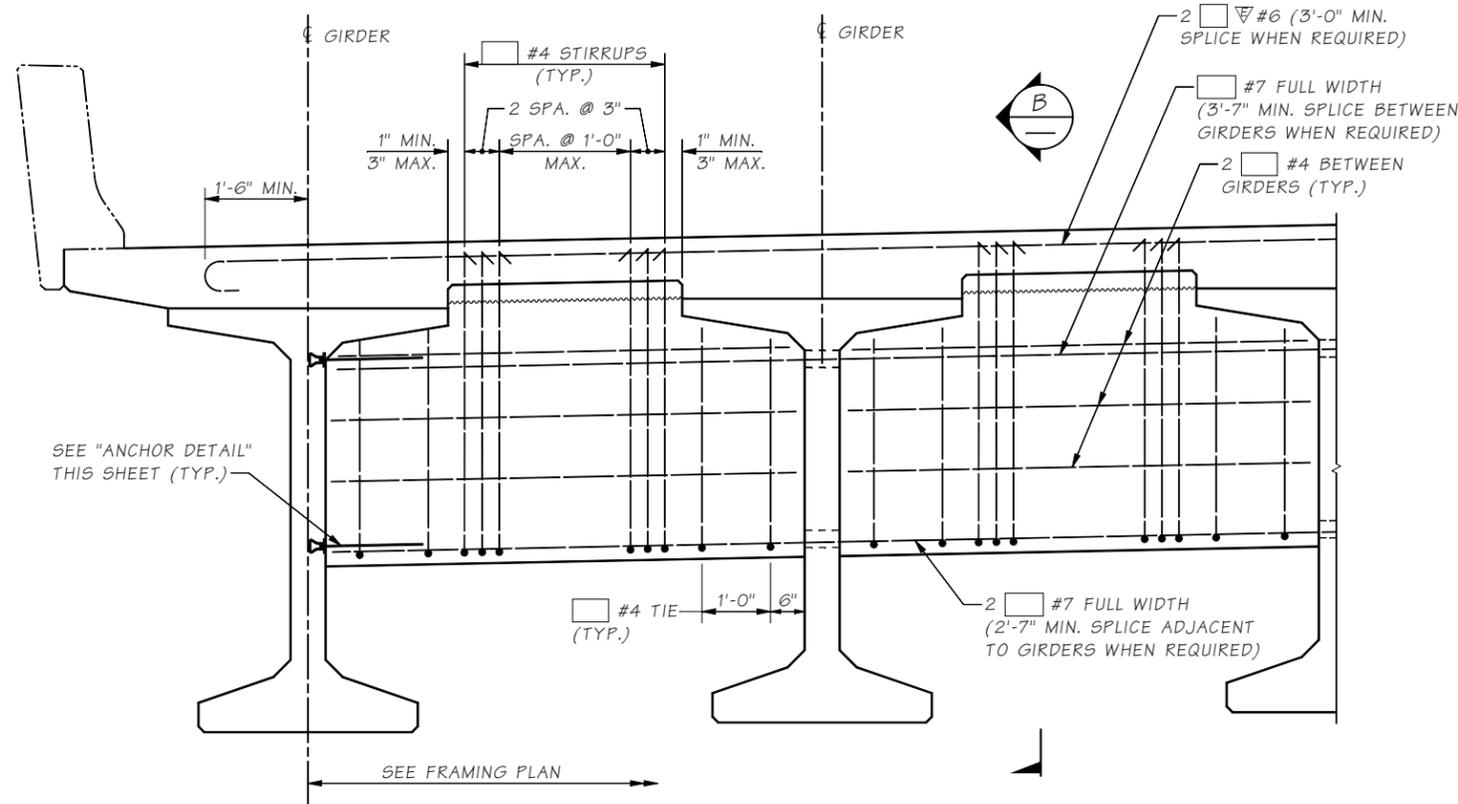


Last revised on : 07/08/2020

SR FILE NO. 5.6-A4-10 SHEET NO.

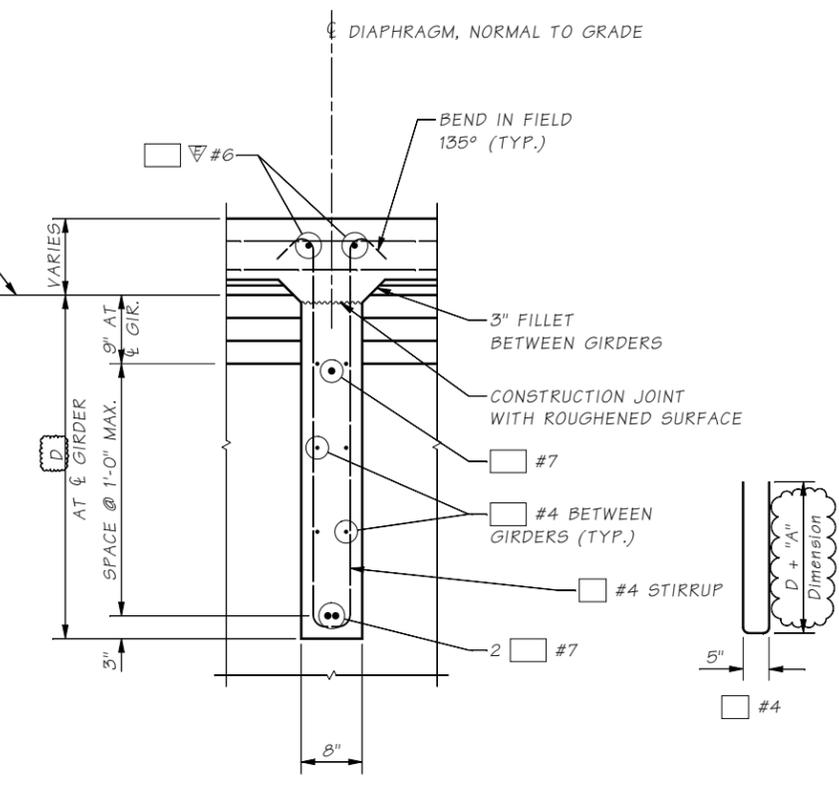


ELEVATION
PARTIAL DEPTH INTERMEDIATE DIAPHRAGM
 DIMENSIONS ARE ALONG DIAPHRAGM

NOTE TO DETAILER:
 Revise Details to show correct girder height. TOP OF GIRDER

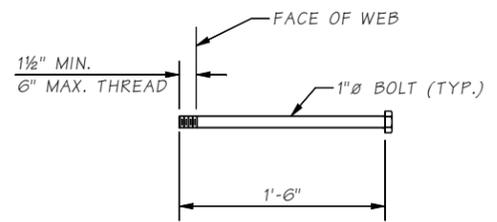
NOTE TO DESIGNER:
 Insert appropriate dimension value for "D"

GIRDER	D
WF36G	2'-0 ⁷ / ₈ "
WF42G	2'-3"
WF50G	2'-7 ¹ / ₂ "
WF58G	2'-10"
WF66G	3'-4 ¹ / ₄ "
WF74G	3'-9"
WF83G	5'-0"
WF95G	5'-0"
WF100G	5'-11"



SECTION B

NOTE TO DESIGNER:
 Insert appropriate dimension. Increase for vertical curve effect if necessary.



ANCHOR DETAIL
 ASTM A307

NOTE TO DESIGNER:
 Full depth intermediate diaphragms are required for:
 - 1-5 bridges
 - Other bridges crossing over roads of ADT > 50,000

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

Bridge Design Engr.	M:\STANDARDS\Girders\WF\PARTIAL INTERMEDIATE DIAPHRAGM.MAN					REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor						10	WASH			
Designed By										
Checked By										
Detailed By										
Bridge Projects Engr.										
Prelim. Plan By										
Architect/Specialist	DATE	REVISION	BY	APPD						

Wed Jul 08 15:55:11 2020

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS
 PARTIAL DEPTH INTERMEDIATE DIAPHRAGM DETAILS

BRIDGE SHEET NO.
 SHEET
 OF
 SHEETS