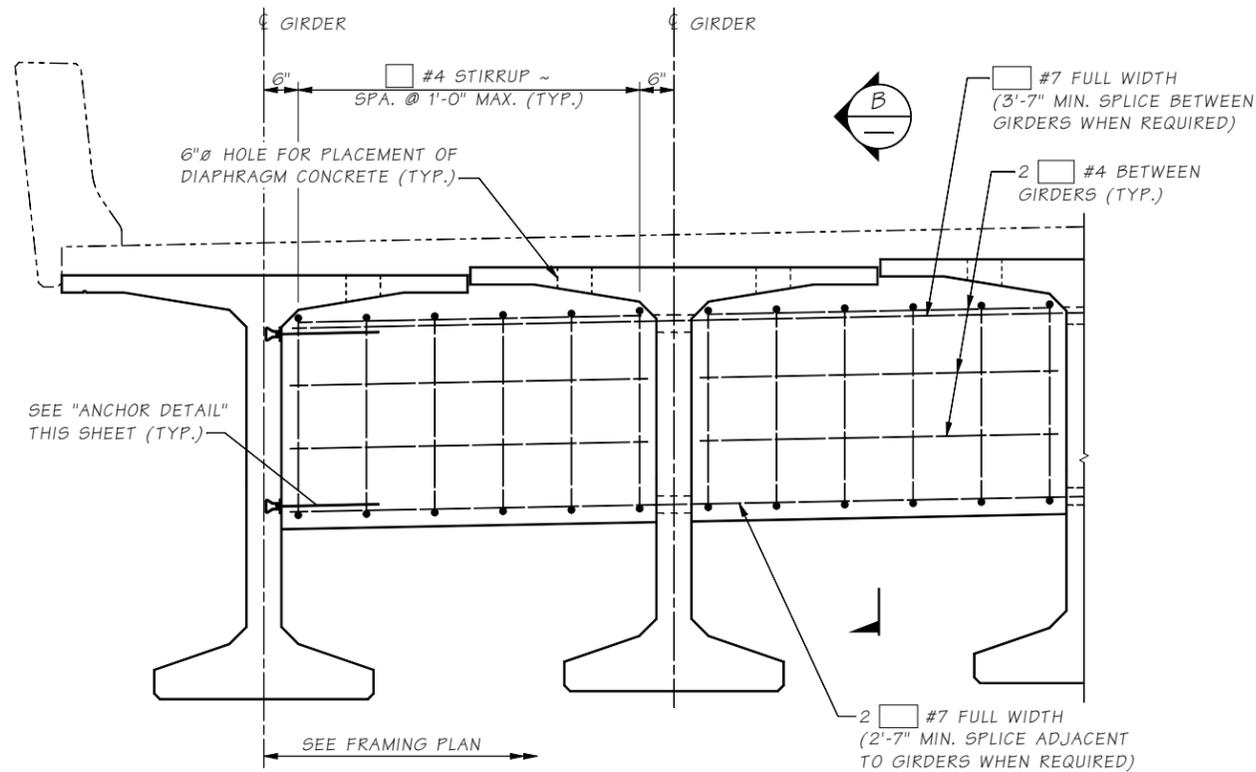


Last revised on : 07/10/2020

SR FILE NO. SHEET NO. 5.6-A5-9

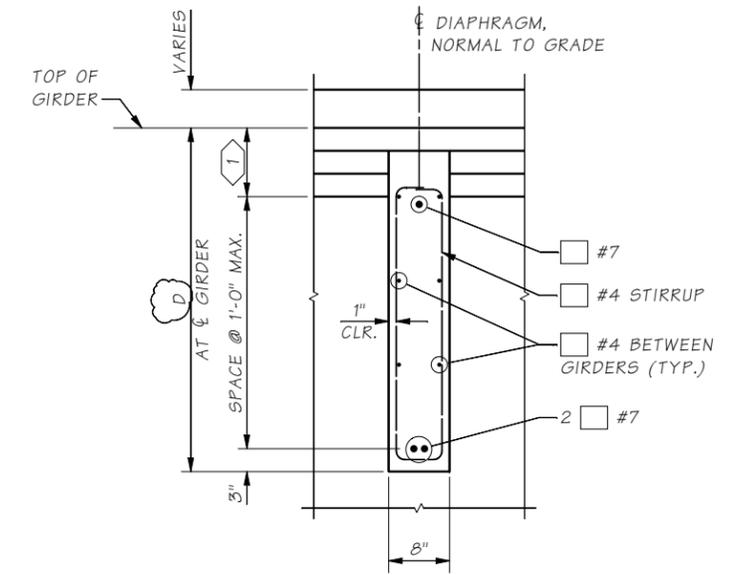


ELEVATION
PARTIAL DEPTH INTERMEDIATE DIAPHRAGM
 DIMENSIONS ARE ALONG DIAPHRAGM

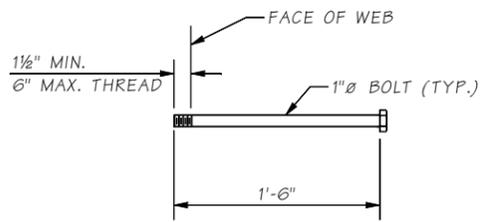
NOTE TO DETAILER:
 Revise Details to show correct girder height.

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

GIRDER	D
WF36TDG	2'-0 7/8"
WF42TDG	2'-3"
WF50TDG	2'-7 1/2"
WF58TDG	2'-10"
WF66TDG	3'-4 1/4"
WF74TDG	3'-9"
WF83TDG	5'-0"
WF95TDG	5'-0"
WF100TDG	5'-11"



SECTION B



ANCHOR DETAIL
 ASTM A-307

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 & DIAPHRAGM.
 - FOR CONCRETE PLACEMENT PROCEDURE SEE "SUPERSTRUCTURE CONSTRUCTION SEQUENCE" SHEET.

NOTES:
 ① 9" AT & GIRDER

Bridge Design Engr.	M:\STANDARDS\Girders\WFTDG\WFTDG PARTIAL INTERMEDIATE DIAPHRAGM.MAN				
Supervisor					
Designed By					
Checked By					
Detailed By					
Bridge Projects Engr.					
Prelim. Plan By					
Architect/Specialist					
DATE	REVISION	BY	APPD		

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS
 WF THIN DECK GIRDER PARTIAL DEPTH INTERMED. DIAPHRAGM

BRIDGE SHEET NO.	
SHEET	
OF	
SHEETS	