

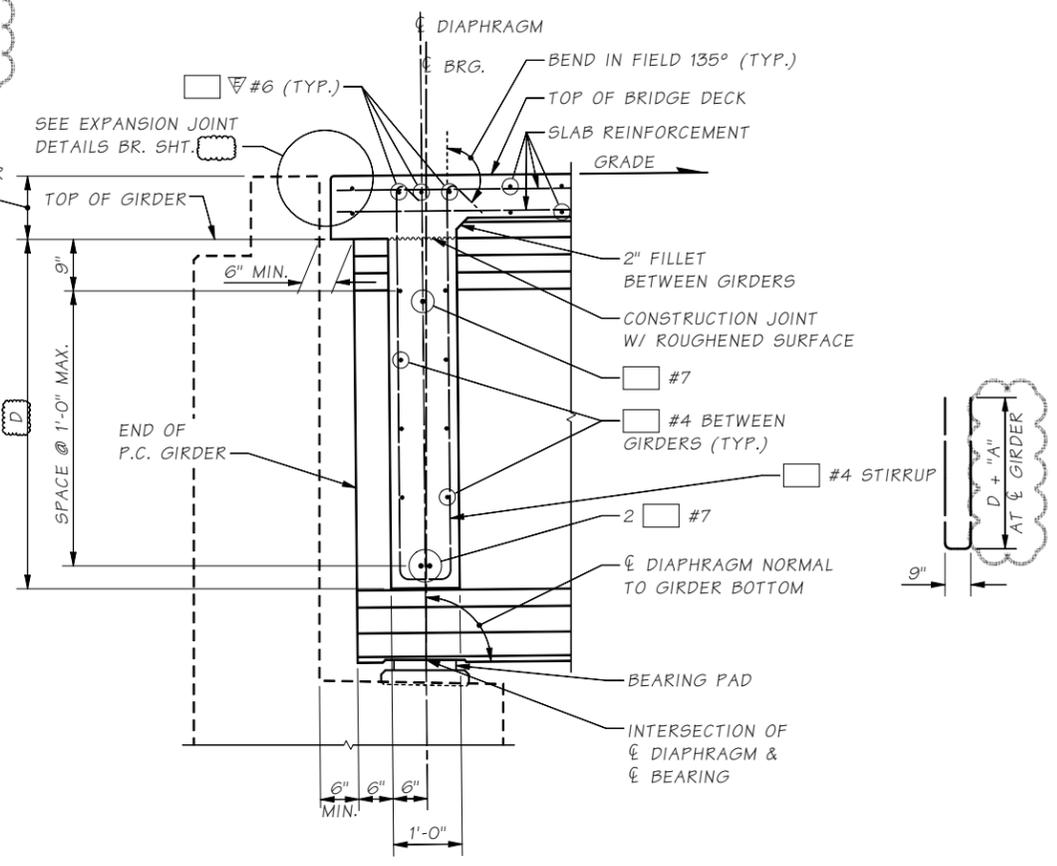
**ELEVATION  
END DIAPHRAGM**  
DIMENSIONS ARE ALONG  $\phi$  DIAPHRAGM

**NOTE TO DETAILER:**  
Revise Details to show correct girder shape and girder spacing.

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

GIRDER	D
WF36G	1'-11"
WF42G	2'-5"
WF50G	3'-1"
WF58G	3'-9"
WF66G	4'-5"
WF74G	5'-1"
WF83G	5'-9 $\frac{5}{8}$ "
WF95G	6'-9 $\frac{1}{2}$ "
WF100G	7'-3"

**NOTE TO DESIGNER:**  
ADJUST GIRDER STOP HEIGHT TO PROVIDE 2" MIN. GAP TO BOTTOM OF DIAPHRAGM.

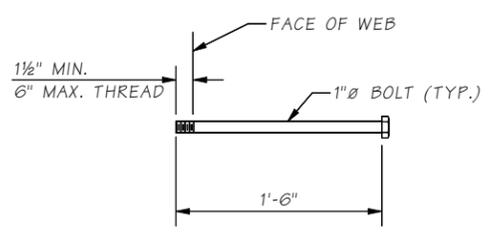


**SECTION A**

LONGITUDINAL DIMENSIONS ARE NORMAL TO DIAPHRAGM.  
GIRDER STOP NOT SHOWN FOR CLARITY.  
+ GRADE SHOWN, -GRADE SIMILAR.

**NOTES:**

- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
- IT MAY BE NECESSARY TO THREAD #7 REINFORCING BARS THROUGH HOLES IN GIRDERS PRIOR TO PLACING EXTERIOR GIRDERS.
- CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
- FOR CONCRETE PLACEMENT PROCEDURE SEE CONSTRUCTION SEQUENCE SHEETS.



**ANCHOR DETAIL**  
ASTM A-307

Last revised on : 7/19/2011

SHEET NO. 5.6-A4-15

Bridge Design Engr.	M:\STANDARDS\Girders\WF\END DIAPHRAGM - L ABUT.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						

Thu Oct 18 08:26:15 2012

**BRIDGE AND STRUCTURES OFFICE**



**STANDARD PRESTRESSED CONCRETE GIRDERS**  
END DIAPHRAGM DETAILS

BRIDGE SHEET NO.  
SHEET  
OF  
SHEETS