



GIRDER SERIES	H GIRDER HEIGHT	ID PARTIAL DEPTH INT. DIAPHRAGM	ID FULL DEPTH INT. DIAPHRAGM
WF36G	3'-0"	1'-2 1/8"	1'-2 1/8"
WF42G	3'-6"	1'-6"	1'-2 1/8"
WF50G	4'-2"	1'-9 1/2"	1'-2 1/8"
WF58G	4'-10"	2'-3"	1'-2 1/8"
WF66G	5'-6"	2'-4 3/4"	1'-2 1/8"
WF74G	6'-2"	2'-8"	1'-2 1/8"
WF83G	6'-10 3/8"	2'-1 9/8"	1'-2 1/8"
WF95G	7'-10 1/2"	3'-1 1/2"	1'-2 1/8"
WF100G	8'-4"	2'-8"	1'-2 1/8"

**NOTES:**

- ① REMOVE TO TOP OF GIRDER AFTER ERECTION.
- ② ADJUST HOLE LOCATION VERTICALLY TO MISS HARPED STRANDS. OMIT HOLES AND PLACE INSERTS ON THE INTERIOR FACE OF EXTERIOR GIRDERS. PLACE HOLES AND INSERTS PARALLEL TO DIAPHRAGM CENTERLINE. INSERTS SHALL BE 1" MEADOWBURKE MX-3 HI-TENSILE, 1" MEADOWBURKE FX-19 FERRULE INSERT, 1" x 5 1/2" WILLIAMS F22 OPEN FERRULE INSERT, 1" x 4 5/8" DAYTON-SUPERIOR F-62 FLARED THIN SLAB FERRULE INSERT OR APPROVED EQUAL.
- ③ APPLY APPROVED RETARDANT FOR 1/4" ETCH TO SIDE FORMS OR 1/4" ROUGHENED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD. OMIT AT EXTERIOR FACE OF EXTERIOR GIRDERS.

Last revised on : 07/08/2020

SR FILE NO. 5.6-A4-2 SHEET

Bridge Design Engr.		M:\STANDARDS\Girders\WFWF GIRDER DETAILS 2 OF 5.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	APPD				

**BRIDGE AND STRUCTURES OFFICE**

**Washington State Department of Transportation**

**STANDARD PRESTRESSED CONCRETE GIRDERS**

WF GIRDER DETAILS 2 OF 5

BRIDGE SHEET NO.

SHEET

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SHEETS