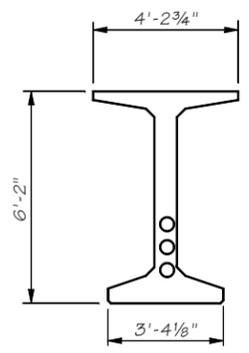
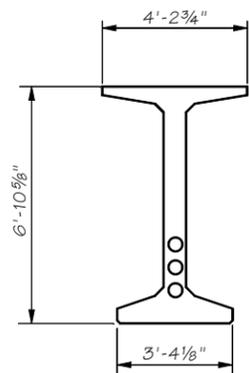
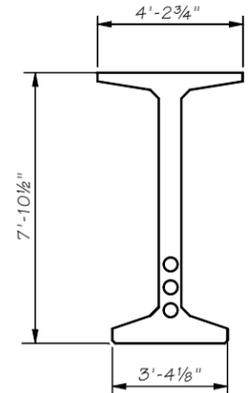
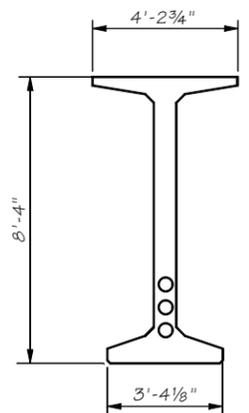
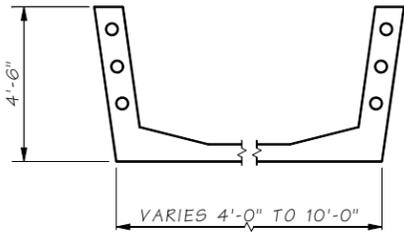
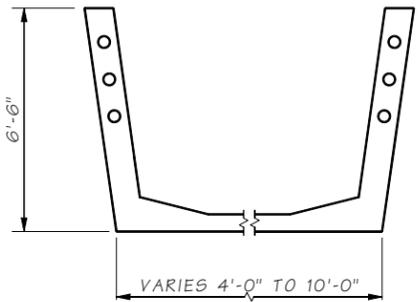
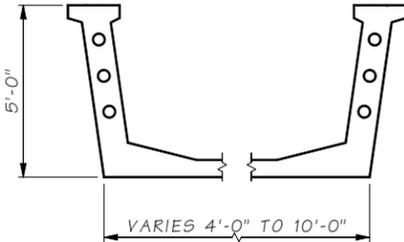
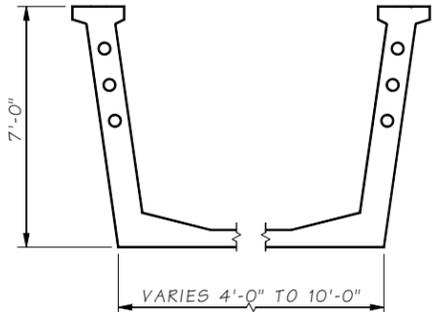


SPliced PRESTRESSED CONCRETE GIRDERS

GIRDER DEPTH	4'-6" TO 6'-2"	6'-6" TO 7'-0"	7'-10½"	8'-4"
SPliced WF-GIRDERS	 <p style="text-align: center;">WF74PTG</p> <p style="text-align: center;">SPAN LENGTH = 170 FT. (1), 195 FT. (2)</p>	 <p style="text-align: center;">WF83PTG</p> <p style="text-align: center;">SPAN LENGTH = 185 FT. (1), 205 FT. (2)</p>	 <p style="text-align: center;">WF95PTG</p> <p style="text-align: center;">SPAN LENGTH = 200 FT. (1), 235 FT. (2)</p>	 <p style="text-align: center;">WF100PTG</p> <p style="text-align: center;">SPAN LENGTH = 230 FT. (1), 255 FT. (2)</p>
SPliced TUB GIRDERS	 <p style="text-align: center;">POST-TENSIONED TUB SECTION</p> <p style="text-align: center;">SPAN LENGTH = 150 FT.</p>	 <p style="text-align: center;">POST-TENSIONED TUB SECTION</p> <p style="text-align: center;">SPAN LENGTH = 180 FT.</p>		
SPliced FLANGED TUB GIRDERS	 <p style="text-align: center;">POST-TENSIONED TUB SECTION FOR S-I-P DECK PANEL</p> <p style="text-align: center;">SPAN LENGTH = 160 FT.</p>	 <p style="text-align: center;">POST-TENSIONED TUB SECTION FOR S-I-P DECK PANEL</p> <p style="text-align: center;">SPAN LENGTH = 180 FT.</p>		

GENERAL NOTES:

1. SPAN LENGTHS SHOWN ARE THE MAXIMUM EXPECTED FOR EACH TYPE OF GIRDER USING PGSPLICE PROGRAM.
2. THE CONCRETE COMPRESSIVE STRENGTHS FOR STANDARD DESIGNS ARE LIMITED TO 7.5 ksi AT TRANSFER AND 9.0 ksi AT FINAL.
3. THE DESIGN IS BASED ON 0.6" DIAM. LOW RELAXATION PRESTRESSING STRANDS.
4. STRENGTH OF CONCRETE AT THE CLOSURES SHALL NOT EXCEED 6.0 ksi FOR POST-TENSIONING BEFORE BRIDGE DECK CASTING AND 4.0 ksi FOR POST-TENSIONING AFTER BRIDGE DECK CASTING.
5. POST-TENSIONED TUB SECTIONS MAY BE CURVED.

NOTES:

- (1) POST-TENSIONED BEFORE BRIDGE DECK CASTING.
- (2) POST-TENSIONED AFTER BRIDGE DECK CASTING.

Last revised on : 07/07/2020

SHEET

JOB NO. SR

5.6-A1-12

Bridge Design Engr.		M:\STANDARDS\Girders\Design Charts\STD PC PT SPliced GIRDERS.MAN			
Supervisor		REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
Designed By		10	WASH.		TOTAL SHEETS
Checked By		JOB NUMBER			
Detailed By					
Bridge Projects Engr.					
Prelim. Plan By					
Architect/Specialist	DATE	REVISION	BY	APPD	

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

SPliced PRESTRESSED CONCRETE GIRDERS

BRIDGE SHEET NO. OF SHEETS