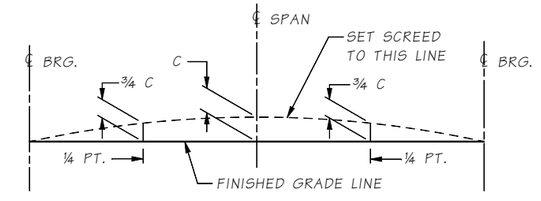
GIRDER SCHEDULE

SPAN	GIRDER	GIRDER SERIES	TOP FLANGE WIDTH W	PLAN LENGTH (ALONG GIRDER GRADE) (SEE GIRDER NOTE 1)	INT. DIAPHRAGM TYPE (FULL OR PARTIAL)	GIRDER END DETAILS							MIN. CONC. COMP. STRENGTH		NUMBER OF STRANDS (SEE GIRDER NOTE 2)			LOCATION OF C.G. STRANDS			STRAIGHT STRANDS TO EXTEND				"A" DIMENSION AT ℄ BEARINGS	DECK SCREED CAMBER C	MIDSPAN VERTICAL DEFLECTION D		REINFORCEMENT DETAILS						SHIPPING AND HANDLING DETAILS					
						END 1 TYPE	END 2 TYPE	L_a	θ_1	θ_2	P_1	P_2	@ 28-DAYS F'C (KSI)	@ RELEASE F'CI (KSI)	STRAIGHT	HARPED	TEMPORARY	E	F℄	Fo	END 1		END 2				LOWER BOUND @ 40 DAYS	UPPER BOUND @ 120 DAYS	ZONE 1		ZONE 2		ZONE 3		MAXIMUM MIDSPAN VERTICAL DEFLECTION AT SHIPPING	L	L_1	L_2	K_θ MINIMUM SHIPPING SUPPORT ROTATIONAL SPRING CONSTANT	W_{CC} MINIMUM SHIPPING SUPPORT CNTR.-TO-CNTR. WHEEL SPACING
																					STRANDS	EXTENSION LENGTH	STRANDS	EXTENSION LENGTH					SPACING	LENGTH	SPACING	LENGTH	SPACING	LENGTH						
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(?) TO (?)	-	(?) TO (?)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES TO DESIGNER:

1. WF THIN DECK GIRDER DETAIL SHEETS 2 TO 5 ARE INTENDED TO BE USED AS IS WITHOUT NEED FOR MODIFICATION FOR MOST PROJECTS. PROJECT SPECIFIC GIRDER DETAILS ARE THEN LIMITED TO THE GIRDER SCHEDULE. WF THIN DECK GIRDER DETAIL SHEET 5 MAY BE OMITTED IF TEMPORARY TOP STRANDS ARE NOT USED.
2. ZONE 1 IS INTENDED TO BE THE SPLITTING RESISTANCE ZONE DEFINED BY BDM 5.6.2.F. ZONE 2 IS INTENDED TO BE THE CONFINEMENT REINFORCEMENT ZONE DEFINED BY BDM 5.6.2.G.
3. DIMENSIONS IN THE GIRDER SCHEDULE SHALL BE SHOWN TO THE NEAREST ⅛" EXCEPT THE "A" DIMENSION WHICH SHALL BE SHOWN TO THE NEAREST ¼".
4. THE NUMBER OF HARPED STRANDS SHOULD NOT EXCEED HALF THE NUMBER OF STRAIGHT STRANDS UNLESS THE STRAIGHT STRAND PATTERN IS FULL.
5. MINIMUM WIDTH "W" SHALL BE 5'-0" TO ALLOW FOR INSPECTION ACCESS. MAXIMUM WIDTH "W" SHALL BE 8'-0".
6. PROVIDE A LONGITUDINAL #4 IN CIP DECK INSIDE EXTENDED G1 AND G3 HOOKS IN ADDITION TO THE DECK REINFORCEMENT.
7. ENSURE HARPED STRANDS EXIT GIRDER END BELOW BLOCKOUT FOR END TYPES B AND D.

NOTE TO DESIGNER:
PLACE DETAIL ON BRIDGE DECK REINFORCEMENT PLAN.



SCREED SETTING DIMENSIONS

FOR DIMENSION "C" SEE GIRDER SCHEDULE

GIRDER NOTES

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE 0.6"ø AASHTO M203 GRADE 270 LOW RELAXATION STRANDS, JACKED TO 202.5 KSI.

Last revised on : 6/9/2016

SR ____ FILE NO. ____ SHEET ____

5.6-A5-1

Bridge Design Engr.	M:\STANDARDS\Girders\WFTDG\WFTD GIRDER DETAILS 1 OF 5.MAN				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor									
Designed By					10	WASH.			
Checked By									
Detailed By					JOB NUMBER				
Bridge Projects Engr.									
Prelim. Plan By									
Architect/Specialist	DATE	REVISION	BY	APP'D					

Wed Dec 21 11:35:47 2016

BRIDGE AND STRUCTURES OFFICE

Washington State Department of Transportation

STANDARD PRESTRESSED CONCRETE GIRDERS

WF THIN DECK GIRDER DETAILS 1 OF 5

BRIDGE SHEET NO.

SHEET OF SHEETS