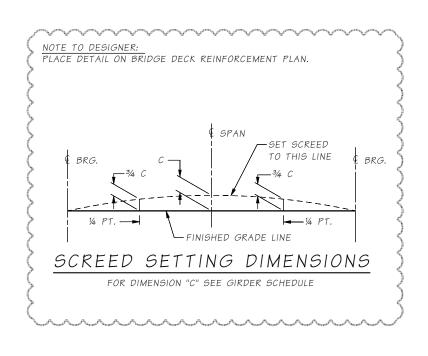
GIRDER SCHEDULE																																	
						MIN. COMP. S		NUMBER OF STRANDS LOCATION OF (SEE GIRDER NOTE 2) C.G. STRANDS				STRAIGHT STRANDS TO EXTEND				MIDSPAN VERTICAL		REINFORCEMENT DETAILS				SHIPPING AND HANDLING DETAILS											
SPAN	GIRDER SERIES	(ALONG GIRDER GRADE) (SEE GIRDER NOTE 1)	TYPE (FULL OR PARTIAL)	END 1 TYPE	La	Θ1	θ2	P1	P2	@ 28-DAYS F'C (KSI)	@ RELEASE F'CI (KSI)	STRAIGHT	HARPED	TEMPORARY	Е	F€ Fo	STRANDS D	EXTENSION LENGTH	STRANDS T	EXTENSION LENGTH "A" DIMENSION A	DECK SCREED CAMBER C	OWER BOUND  A 40 DAYS  PPER BOUND  120 DAYS	ER BOUND 20 DAYS	PACING 1 SWOZ ENGTH	ENGT H PACING	ENGTH	SPACING	3 H1	MAXIMUM MIDSPAN VERTICAL DEFLECTION AT SHIPPING	MIDSPAN L L1 VERTICAL DEFLECTION	L1	L2  K <sub>0</sub> MINIMUM  SHIPPING  SUPPORT  ROTATIONAL  SPRING  CONSTANT  (KIP-IN/RAD)	W <sub>CC</sub> MINIMUM SHIPPING SUPPORT CNTRTO-CNTR. WHEEL SPACING
-		-	-			-	-	-	-	-	-	-	-	-	-		@TO@	,	@TO@		-	-	-	-		-	-		-	-	-		-
-		-	-			-	-	-	-	-	-	-	-	-	-		-	,	-		-	-		-		-	-		-	-	-		-

## NOTES TO DESIGNER:

- 1. WF 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 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. G1 STIRRUP HEIGHT "H1" IS GENERALLY THE GIRDER HEIGHT + 3" + "A" DIMENSION. HOWEVER, DESIGNERS SHALL CHECK "H1" FOR THE EFFECT OF VERTICAL CURVE AND INCREASE AS NECESSARY.
- 4. DIMENSIONS IN THE GIRDER SCHEDULE SHALL BE SHOWN TO THE NEAREST 1/8" EXCEPT THE "A" DIMENSION WHICH SHALL BE SHOWN TO THE NEAREST 1/4".
- 5. THE NUMBER OF HARPED STRANDS SHOULD NOT EXCEED HALF THE NUMBER OF STRAIGHT STRANDS UNLESS THE STRAIGHT STRAND PATTERN IS FULL.



## GIRDER NOTES

- 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 (43.9 KIPS PER STRAND).

Ξ.	Stand													
a	Bridge Design Engr.	M:\STANDARDS\Girders\WF\WF GIRDER DETAILS 1 OF 5.MAN												
7	Supervisor					REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS				
٠.	Designed By													
	Checked By					10	WASH							
	Detailed By					TOP	ILIMPED							
4	Bridge Projects Engr.					JOB NUMBER								
2	Prelim. Plan By													
	Architect/Specialist	DATE	REVISION	BY	APP'D									

BRIDGE AND STRUCTURES OFFICE



STANDARD
PRESTRESSED CONCRETE GIRDERS

WF GIRDER DETAILS 1 OF 5

Wed Jul 08 14:24:33 2020