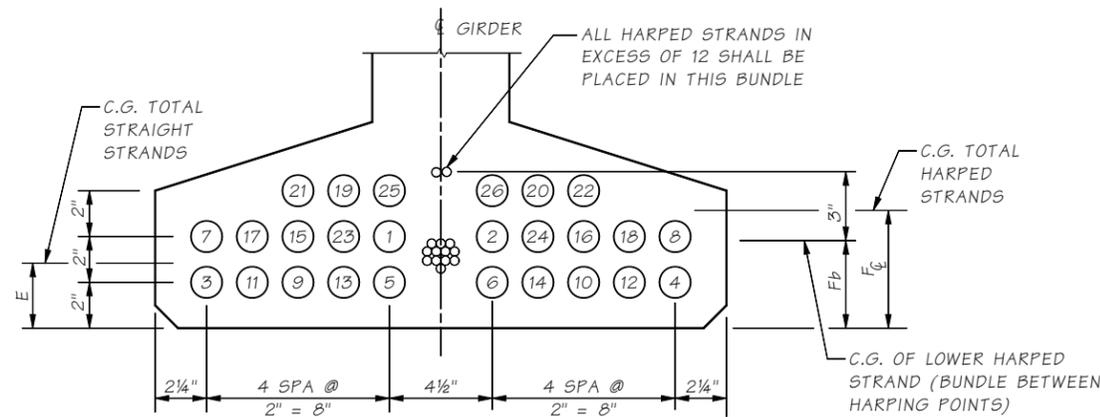


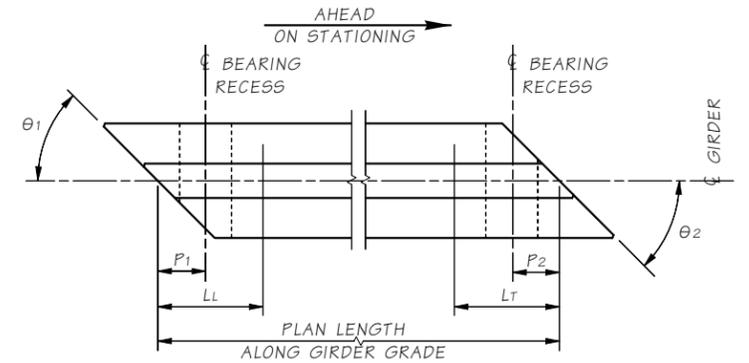
STRAND PATTERN AT GIRDER END

HARPED STRAND LOCATION SEQUENCE SHALL BE AS SHOWN (1), (2) ETC.



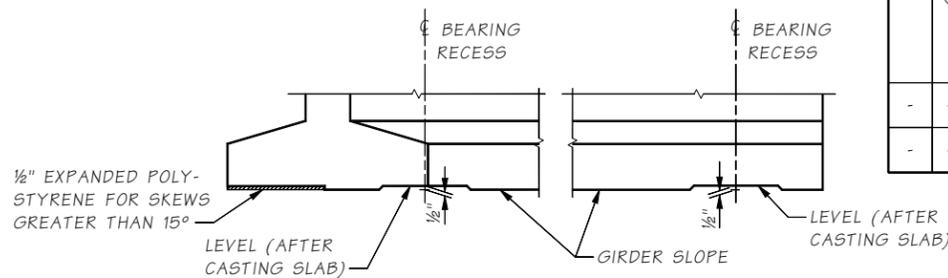
STRAND PATTERN AT ϕ SPAN

STRAIGHT STRAND LOCATION SEQUENCE SHALL BE AS SHOWN (1), (2) ETC.



GIRDER SCHEDULE

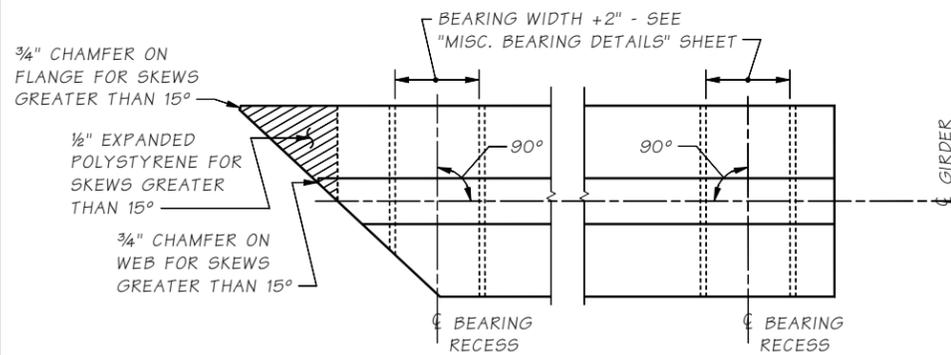
SPAN	GIRDER	DIMENSION "A" AT ϕ BEARINGS =										BASED ON GIRDER DEFLECTION = "D" AT TIME OF SLAB PLACEMENT (120 DAYS)															
		END 1 TYPE	END 2 TYPE	L	LL	Lt	θ_1 (DEG.)	θ_2 (DEG.)	P1	P2	PLAN LENGTH (ALONG GIRDER GRADE)	MIN. CONC. COMP. STRENGTH		HARPED		STRAIGHT		TEMPORARY		LOCATION OF C.G. STRANDS				C	D @ 40 DAYS	D @ 120 DAYS	Ld
												@ FINAL F/C (KSI)	@ RELEASE F/C (KSI)	NO. OF STRANDS	JACKING FORCE (KIPS)	NO. OF STRANDS	JACKING FORCE (KIPS)	NO. OF STRANDS	JACKING FORCE (KIPS)	E	F ϕ	Fb	Fo				
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



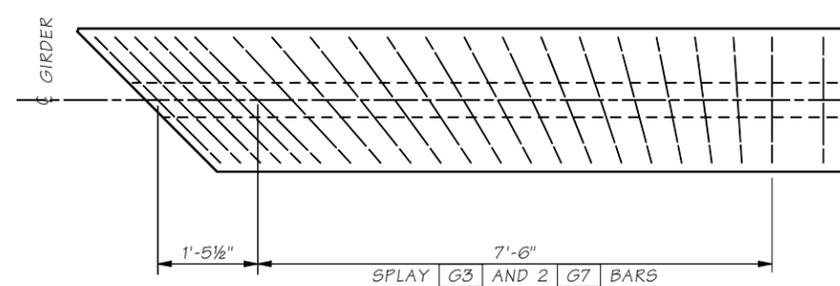
ELEVATION

NOTE: Dimensions shall be shown in Imperial units to the nearest 1/8th inch.

The number of harped strands should not exceed 1/2 of the number of straight strands.

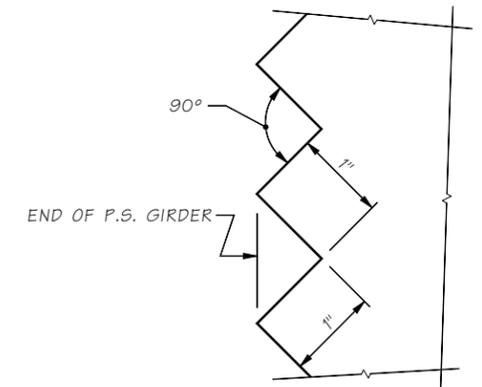


PLAN BEARING RECESS AND BOTTOM FLANGE SPALL PROTECTION



TRANSVERSE REINFORCING SKEWED ENDS

ONLY TRANSVERSE REINF. SHOWN



SAWTOOTH DETAILS

SAWTEETH ARE FULL WIDTH - USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRAND AS WELL AS TOP FLANGE ADJACENT TO HARPED STRANDS AS SHOWN IN VIEW B - GIRDER DETAILS 1 OF 3

5.6-A3-9

SR JOB NO. SHEET

Bridge Design Engr.	M:\STANDARDS\Girders\W74G\W74G2.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.		

Wed Mar 04 14:26:55 2015

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

W74G GIRDER DETAILS 2 OF 3

BRIDGE SHEET NO. SHEET OF SHEETS