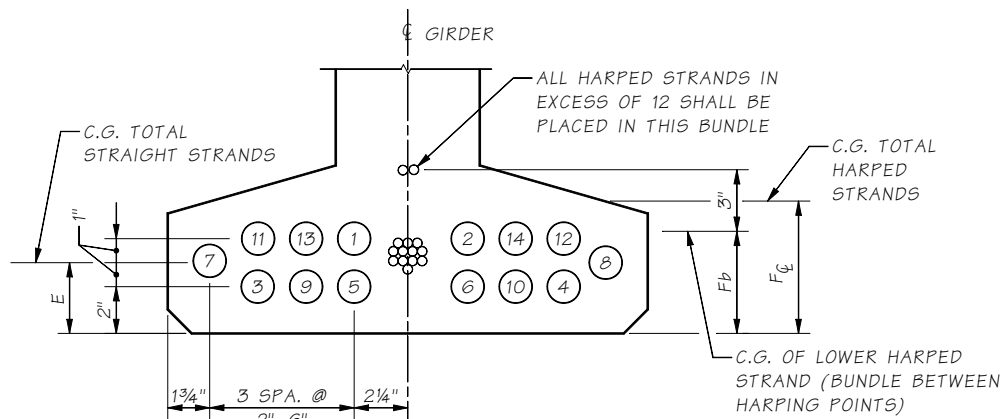


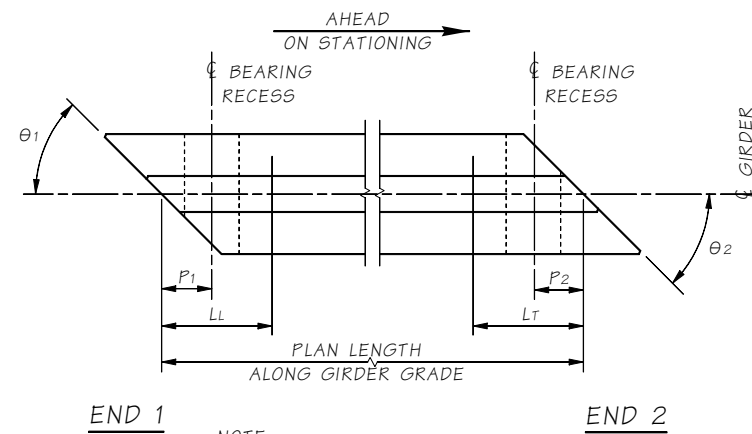
**STRAND PATTERN AT GIRDER END**

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



**STRAND PATTERN AT CENTER OF SPAN**

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



**NOTE:**  
LL AND Lt ARE SHIPPING SUPPORT LOCATIONS AT LEADING AND TRAILING ENDS, RESPECTIVELY.

**GIRDER SCHEDULE**

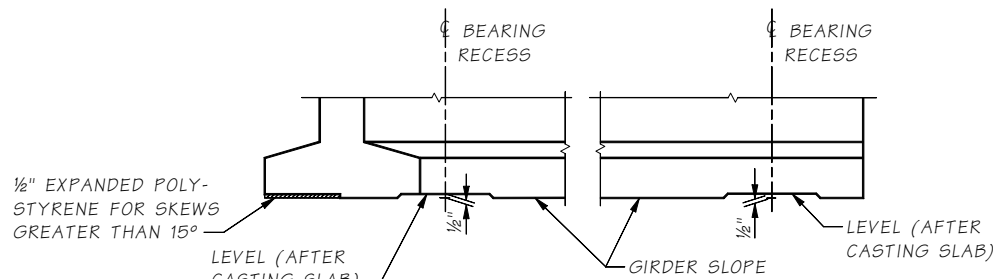
**SAWTOOTH DETAILS**

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 2.

DIMENSION "A" AT CENTER OF BEARINGS =

BASED ON GIRDER DEFLECTION = "D" AT TIME OF SLAB PLACEMENT (120 DAYS)

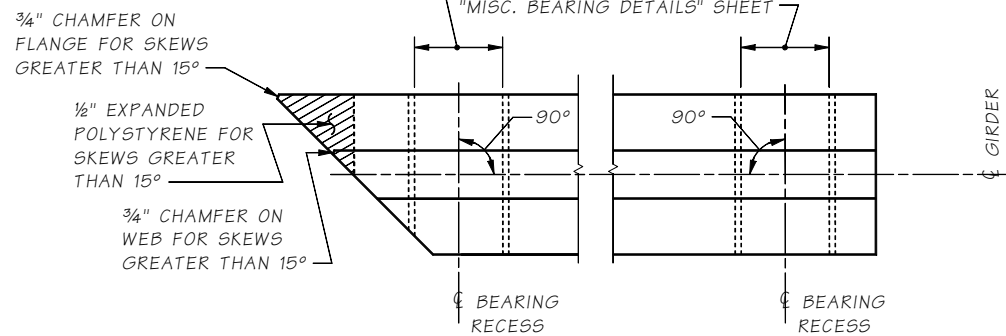
SPAN	GIRDER	END 1 TYPE	END 2 TYPE	L	LL	Lt	θ <sub>1</sub> (DEG.)	θ <sub>2</sub> (DEG.)	P <sub>1</sub>	P <sub>2</sub>	PLAN LENGTH (ALONG GIRDER GRADE)	MIN. CONC. COMP. STRENGTH		HARPED		STRAIGHT		LOCATION OF C.G. STRANDS				C	D @ 40 DAYS	D @ 120 DAYS	Ld
												@ FINAL F'C (KSI)	@ RELEASE F'C (KSI)	NO. OF STRANDS	JACKING FORCE (KIPS)	NO. OF STRANDS	JACKING FORCE (KIPS)	E	F <sub>E</sub>	F <sub>b</sub>	F <sub>o</sub>				
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



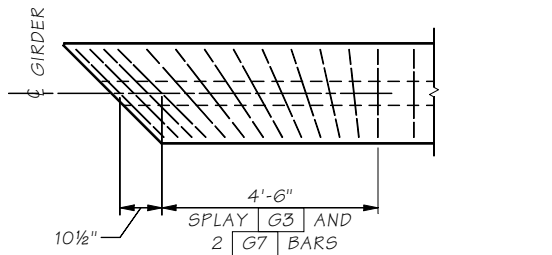
**ELEVATION**

**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.

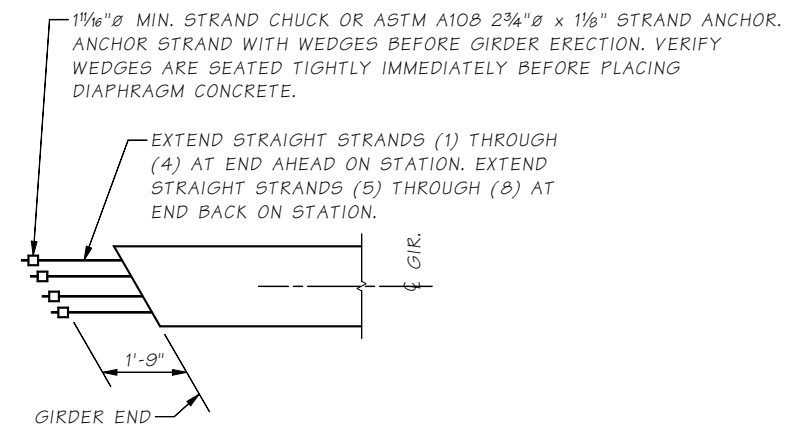


**PLAN BEARING RECESS AND BOTTOM FLANGE SPALL PROTECTION**



**TRANSVERSE REINFORCING SKEWED ENDS**

ONLY TRANSVERSE REINF. SHOWN



**STRAND EXTENSION DETAIL**

Number of extended strands shall be determined by the designer.

Last revised: 03/20/19

SHEET

SR JOB NO. 5.6-A3-2

Bridge Design Engr.	M:\STANDARDS\Girders\W1W42G\W42G2.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	APP'D		

Mon Aug 19 07:26:10 2019

**BRIDGE AND STRUCTURES OFFICE**



**STANDARD PRESTRESSED CONCRETE GIRDERS**

W42G GIRDER DETAILS 2 OF 2

BRIDGE SHEET NO. OF SHEETS