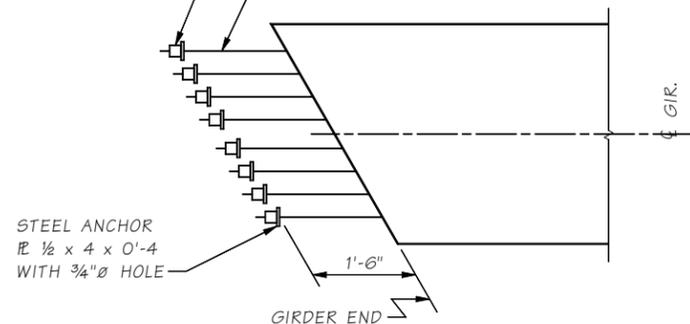


[1/2"Ø OR 0.6"Ø] STRAND CHUCK. TACK WELD TO ANCHOR # PRIOR TO INSTALLING ON STRAND. THREAD STRAND THROUGH ANCHOR #. ANCHOR STRAND WITH TWO PIECE WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.

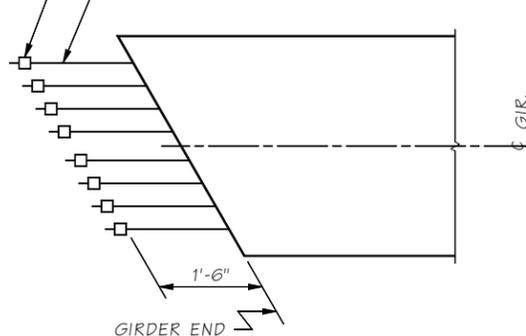
EXTEND STRAIGHT STRANDS (1) THROUGH (8) AT END AHEAD ON STATION. EXTEND STRAIGHT STRANDS (9) THROUGH (16) AT END BACK ON STATION.



ALTERNATE #1

2 3/4"Ø x 1 1/8" STEEL STRAND ANCHOR. ANCHOR STRAND WITH TWO PIECE WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.

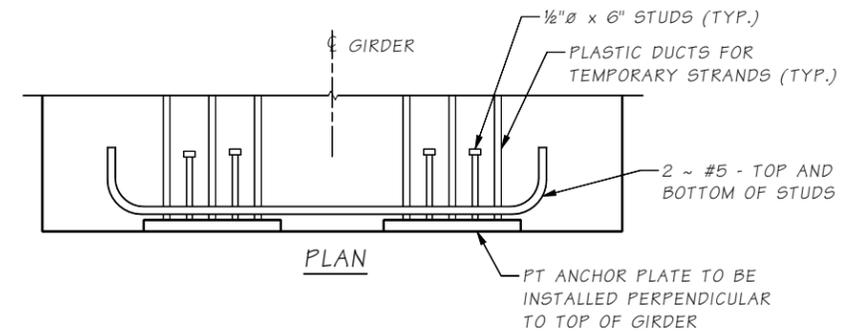
EXTEND STRAIGHT STRANDS (1) THROUGH (8) AT END AHEAD ON STATION. EXTEND STRAIGHT STRANDS (9) THROUGH (16) AT END BACK ON STATION.



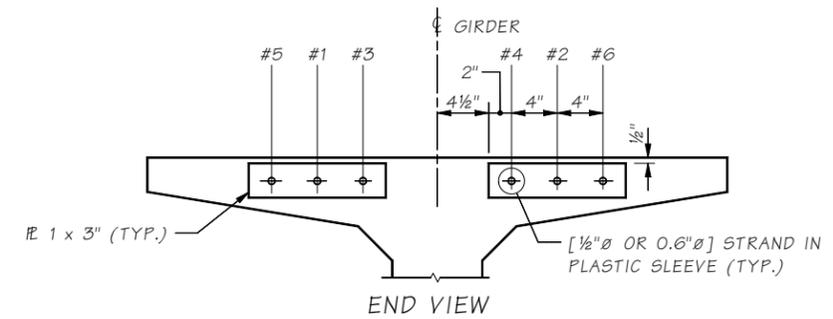
ALTERNATE #2

STRAND EXTENSION DETAIL

Number of straight strands shall be determined by the designer



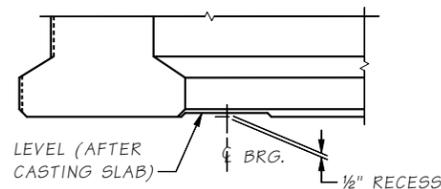
PLAN



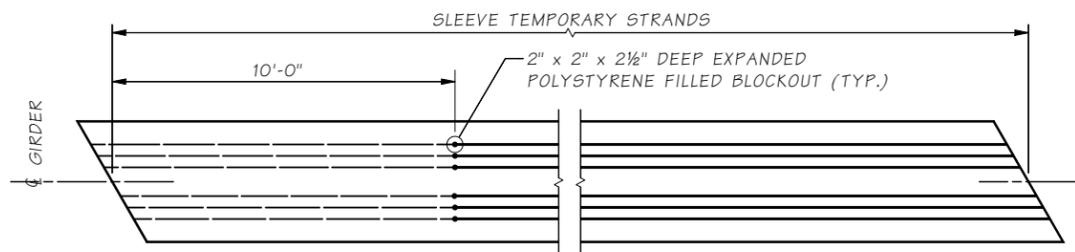
END VIEW

TEMPORARY STRAND PATTERN

ADJUST [G4] BARS TO CLEAR THE STEEL PLATE

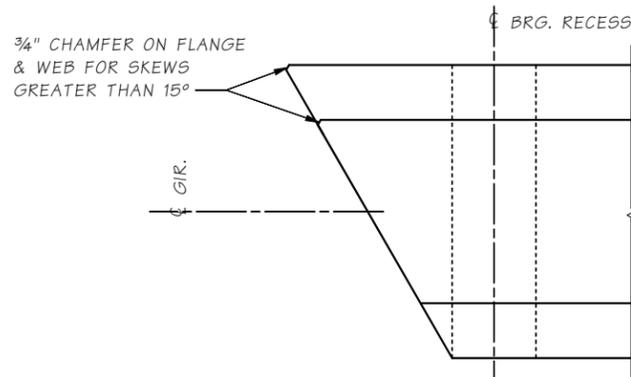


ELEVATION



PLAN VIEW OF TEMPORARY STRANDS

SEE "POST-TENSIONING TABLE" FOR NUMBER OF TEMPORARY STRANDS REQUIRED.



BOTTOM FLANGE

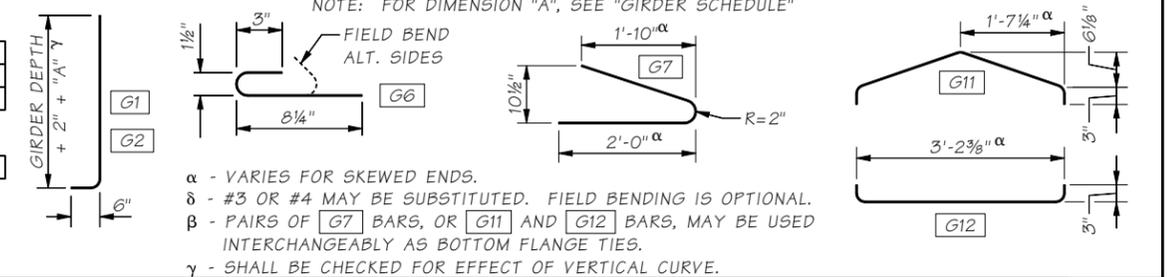
Diaphragm Type	END TYPE	BEARING RECESS	X	Y	Z	SAWTEETH
End Diaph. on Girder	A	YES	1'-10"	1'-6"	9"	YES
"L" Abutment	B	YES	0"	0"	0"	NO
Hinge Diaph. @ Intermediate Pier	C	NO	1'-10"	1'-6"	9"	YES
Fixed Diaph. @ Intermediate Pier	D	NO	1'-10"	ALT. 1 OR ALT. 2	STRAND EXTENTION	YES
Spliced girder closure pour	E	NO	1'-10"	1'-6"	9"	YES

FOR END TYPES "C" AND "E" ONLY

ENDS AHEAD ON STATION	ENDS BACK ON STATION
B1 = 0" ([G4] , [G8])	B1 = 1 1/2" ([G4] , [G8])

MARK	LOCATION	SIZE
G1	GIRDER STIRRUPS	5
G2	GIRDER END STIRRUPS	5
G3	GIRDER TOP FLANGE	5 STR.
G4	GIRDER LONGIT. FULL LENGTH	5 STR.
G5	GIRDER LONGIT.	5 STR.
G6	GIRDER END TIES	W12 ^δ
G7 ^β	GIRDER BOT. FLANGE TIES	3
G8	GIRDER LONGIT.	6 STR.
G9	GIRDER END LONGIT.	5
G11 ^β	GIRDER BOT. FLANGE TIES	3
G12 ^β	GIRDER BOT. FLANGE TIES	3

BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)
NOTE: FOR DIMENSION "A", SEE "GIRDER SCHEDULE"



α - VARIES FOR SKEWED ENDS.
δ - #3 OR #4 MAY BE SUBSTITUTED. FIELD BENDING IS OPTIONAL.
β - PAIRS OF [G7] BARS, OR [G11] AND [G12] BARS, MAY BE USED INTERCHANGEABLY AS BOTTOM FLANGE TIES.
γ - SHALL BE CHECKED FOR EFFECT OF VERTICAL CURVE.

SR JOB NO. SHEET 5.9-A1-3

Bridge Design Engr.	M:\STANDARDS\Girders\PT Wide Flange\WF-PTG3.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		

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS
SPliced GIRDER DETAILS 3 OF 5