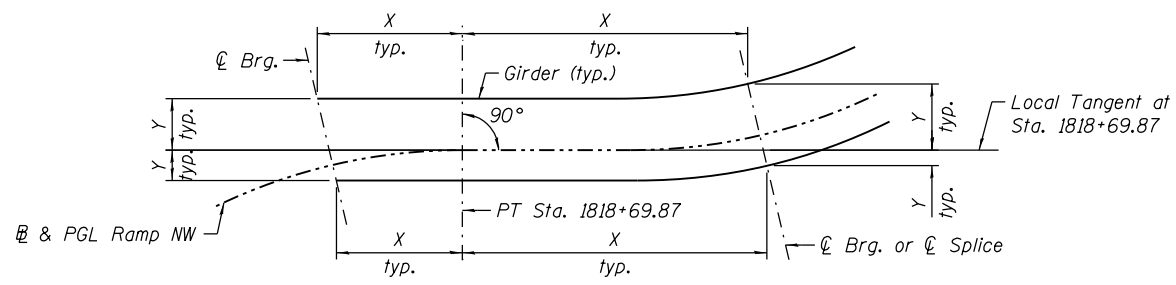


GIRDER FRAMING PLAN - UNIT I



CURVED GIRDER LAYOUT
(X Measured along Local Tangent)

GIRDER COORDINATES - UNIT I

(All Dimensions in Feet)

Girder	☉ Brg. S. Abutment		☉ Pier 1		☉ Splice 1-2		☉ S. Brg. Pier 2	
	X	Y	X	Y	X	Y	X	Y
1	-20.586	-23.583	164.734	-23.059	220.570	-21.485	350.961	-13.713
2	-20.621	-16.583	164.603	-16.060	220.308	-14.490	350.387	-6.736
3	-20.656	-9.583	164.471	-9.061	220.045	-7.495	349.814	0.240
4	-20.692	-2.583	164.340	-2.062	219.782	-0.500	349.241	7.217
5	-20.727	4.417	164.208	4.936	219.519	6.495	348.667	14.193
6	-20.762	11.417	164.077	11.935	219.256	13.490	348.093	21.170

NOTES:

1. See Sheet S-74 for girder elevation.
2. See Sheet S-75 for camber & top of web elevations.
3. See Sheet S-76 for moment tables & reaction tables.
4. See Sheet S-99 for girder bolted field splice details.
5. See Sheets S-100 thru S-102 for girder cross frame details.
6. Girder spacings and cross frame orientations are radial to the ☉ Ramp NW, except at ☉ Brg. S. Abut. & ☉ S. Brg. Pier 2 supports where ☉ Brg. and cross frame orientations are parallel to the respective centerline of supports.

0161705-60W28-5073-FramePlan.dgn



USER NAME = floresg	DESIGNED - DD	REVISED
	CHECKED - ATB	REVISED
PLOT SCALE = N.T.S.	DRAWN - MRK	REVISED
PLOT DATE = 5/7/2014	CHECKED - DD	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GIRDER FRAMING PLAN - UNIT I
STRUCTURE NO. 016-1705**

SHEET NO. S-73 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	389
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	