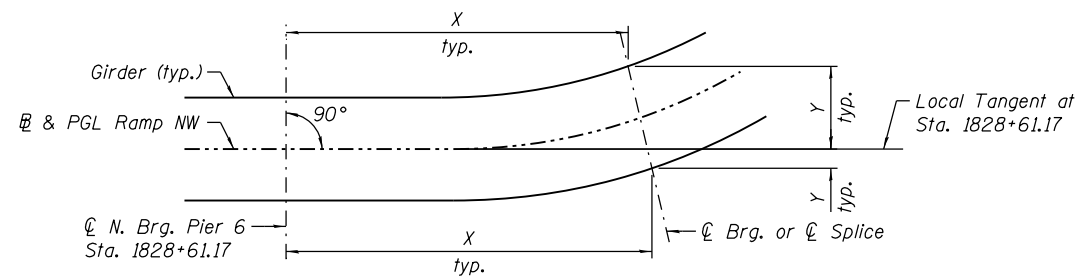


GIRDER FRAMING PLAN - UNIT IV

GIRDER COORDINATES - UNIT IV

(All Dimensions in Feet)

Girder	☐ N. Brg. Pier 6		☐ Splice 4-1		☐ Pier 7		☐ Splice 4-2		☐ E. Brg. Pier 8	
	X	Y	X	Y	X	Y	X	Y	X	Y
1	-0.057	-20.417	132.608	-4.502	192.166	13.560	249.354	38.114	361.074	111.406
2	-0.034	-12.250	130.675	3.433	189.365	21.231	245.720	45.428	355.795	117.638
3	-0.011	-4.083	128.743	11.368	186.565	28.903	242.086	52.741	350.517	123.869
4	0.011	4.083	126.810	19.303	183.765	36.575	238.453	60.055	345.238	130.101
5	0.034	12.250	124.878	27.237	180.964	44.246	234.819	67.369	339.960	136.333
6	0.057	20.417	122.945	35.172	178.164	51.918	231.185	74.683	334.681	142.564



CURVED GIRDER LAYOUT
(X Measured along Local Tangent)

NOTES:

1. See Sheet S-88 for girder elevation.
2. See Sheet S-89 for camber & top of web elevations.
3. See Sheet S-90 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 ☐ N. Brg. Pier 6 & ☐ E. Brg. Pier 8 supports where ☐ Brg. and cross frame orientations are parallel to the respective centerline of supports.

0161705-60W28-5087-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 IV
STRUCTURE NO. 016-1705**

SHEET NO. S-87 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	403
CONTRACT NO.			60W28	
ILLINOIS FED. AID PROJECT				