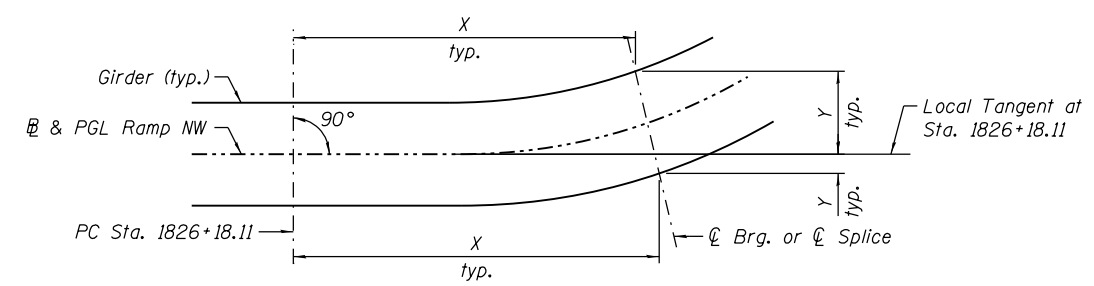


GIRDER FRAMING PLAN - UNIT III

GIRDER COORDINATES - UNIT III

(All Dimensions in Feet)

Girder	☐ Splice 3-1		☐ Pier 5		☐ Splice 3-2		☐ S. Brg. Pier 6	
	X	Y	X	Y	X	Y	X	Y
1	71.476	-15.840	113.432	-8.817	168.646	5.561	241.062	34.079
2	70.434	-7.740	111.779	-0.819	166.188	13.349	237.530	41.442
3	69.393	0.360	110.126	7.178	163.730	21.137	233.997	48.805
4	68.351	8.460	108.473	15.176	161.273	28.925	230.464	56.169
5	67.310	16.560	106.820	23.174	158.815	36.713	226.932	63.532
6	66.268	24.660	105.167	31.171	156.358	44.501	223.399	70.895



CURVED GIRDER LAYOUT
(X Measured along Local Tangent)

NOTES:

1. See Sheet S-84 for girder elevation.
2. See Sheet S-85 for camber & top of web elevations.
3. See Sheet S-86 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 4 & ☐ S. Brg. Pier 6 supports where ☐ Brg. and cross frame orientations are parallel to the respective centerline of supports.

0161705-60W28-50B3-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 III
STRUCTURE NO. 016-1705

SHEET NO. S-83 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	399
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	