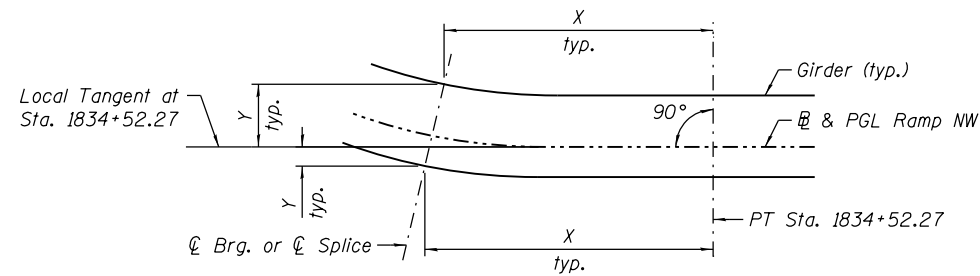


GIRDER FRAMING PLAN - UNIT V

GIRDER COORDINATES - UNIT V

(All Dimensions in Feet)

Girder	☉ W. Brg. Pier 8		☉ Splice 5-1		☉ Pier 9		☉ Splice 5-2	
	X	Y	X	Y	X	Y	X	Y
1	-212.636	21.490	-135.731	-3.731	-92.050	-12.805	-52.953	-17.909
2	-209.518	29.038	-133.753	4.192	-90.708	-4.750	-52.181	-9.779
3	-206.399	36.585	-131.775	12.116	-89.367	3.306	-51.410	-1.649
4	-203.280	44.133	-129.797	20.039	-88.026	11.362	-50.638	6.481
5	-200.161	51.681	-127.819	27.963	-86.684	19.418	-49.866	14.611
6	-197.042	59.228	-125.842	35.886	-85.343	27.473	-49.095	22.741



CURVED GIRDER LAYOUT
(X Measured along Local Tangent)

NOTES:

1. See Sheet S-92 for girder elevation.
2. See Sheet S-93 for camber & top of web elevations.
3. See Sheet S-94 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 ☉ W. Brg. Pier 8 & ☉ E. Brg. Pier 10 supports where ☉ Brg. and cross frame orientations are parallel to the respective centerline of supports.

0161705-60W28-5091-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 V
STRUCTURE NO. 016-1705

SHEET NO. S-91 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	407
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	