

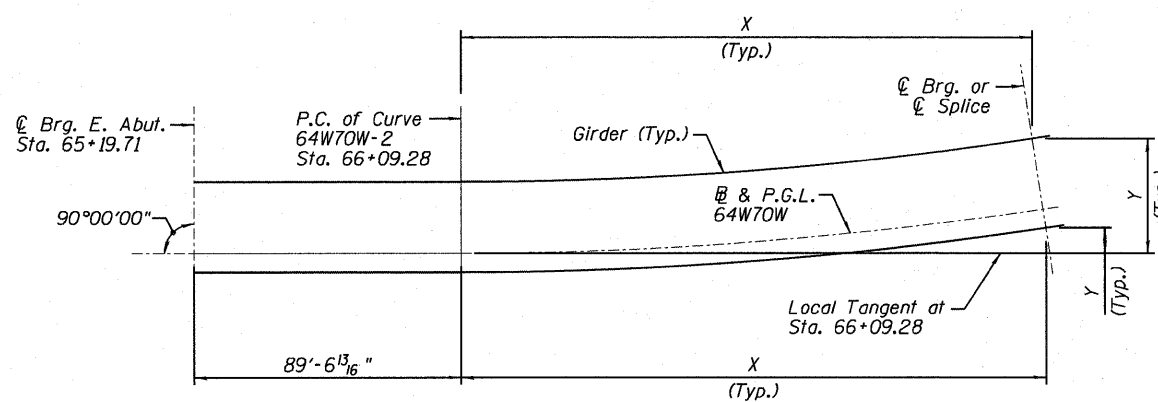
GIRDER FRAMING PLAN - S.N. 082-0325 - UNIT 1

* Dimension measured along $\text{B} \& \text{P.G.L. } 64\text{W}70\text{W}$.

GIRDER COORDINATES - S.N. 082-0325 - UNIT 1

All dimensions in feet.

Girder	Pier 1		Splice 1-2		Splice 1-3		Pier 2		Splice 1-4		Brig. Pier 3-E	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
1A	20.781	-6.252	55.937	-5.224	143.096	1.408	197.894	8.589	242.471	16.176	363.184	44.836
2A	20.683	-0.086	55.674	0.937	142.424	7.538	196.964	14.685	241.332	22.237	361.470	50.760
3A	20.585	6.080	55.411	7.098	141.751	13.668	196.034	20.781	240.193	28.297	359.757	56.684
4A	20.488	12.246	55.148	13.259	141.079	19.797	195.104	26.877	239.053	34.358	358.044	62.608
5A	20.390	18.411	54.885	19.420	140.407	25.927	194.174	32.974	237.914	40.418	356.331	68.531
6A	20.293	24.577	54.622	25.581	139.734	32.057	193.244	39.070	236.775	46.479	354.617	74.455



CURVED GIRDER LAYOUT - S.N. 082-0325 - UNIT 1

X measured along Local Tangent.

Notes:

1. See Sheet S-70 for girder elevation.
2. See Sheet S-75 for camber & top of web elevations.
3. See Sheet S-78 for moment tables & Sheet S-80 for reaction tables.
4. See Sheet S-81 for girder bolted field splice details.
5. See Sheet S-82 for girder cross frame details and erection notes.
6. Girder spacings and cross frame orientations are radial to the $\text{B} \& \text{P.G.L. } 64\text{W}70\text{W}$, except at $\text{C} \& \text{Brg. for E. Abut.}$ & Pier 3-E supports where these are parallel to the respective centerline of supports.

P:\60824\6689\908_CADD\901_Drawings\76C708_Master\Consolidated\Structure\1\082-0325\Sheet\082-0325-FramingPlan_Unit1.dgn



USER NAME = BhattA	DESIGNED - CLS	REVISED -
PLLOT SCALE = 1/2" = 1'	DRAWN - DD	REVISED -
PLLOT DATE = \$DATE\$	CHECKED - CHY	REVISED -
	DATE - 03/18/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GIRDER FRAMING PLAN - S.N. 082-0325 - UNIT 1
I-70W OVER I-55, CSX & KCS RAILROADS

SCALE: NONE SHEET NO. S-65 OF S-138 SHEETS STA. TO STA.

F.A.I. RTE. 70	SECTION 82-1-B-1	COUNTY ST. CLAIR	TOTAL SHEETS 319	SHEET NO. 180
S.N. 082-0323 & S.N. 082-0325		CONTRACT NO. 76C75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		