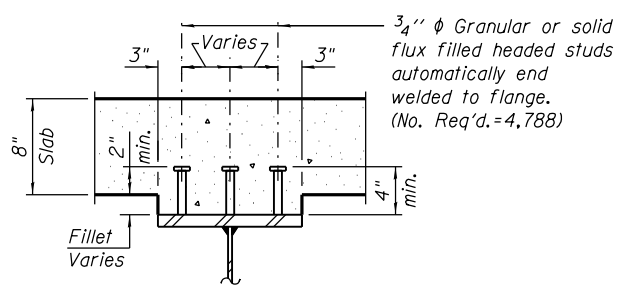


GIRDER ELEVATION - UNIT I
(Connection and Splice ℓ 's not shown for clarity)

GIRDER DIMENSIONS - UNIT I
(All Dimensions in Feet)

Girder	Radius I	L*	S1	S2	A	B	C	D	C1	C2	C3
1	2,973.583	371.815	185.324	186.491	20.586	55.862	55.862	130.629	98	68	98
2	2,966.583	371.276	185.227	186.049	20.621	55.730	55.731	130.318	98	67	98
3	2,959.583	370.737	185.131	185.606	20.656	55.599	55.599	130.007	98	67	98
4	2,952.583	370.199	185.035	185.164	20.692	55.467	55.468	129.696	98	67	98
5	2,945.583	369.660	184.939	184.721	20.727	55.336	55.336	129.385	98	67	98
6	2,938.583	369.121	184.842	184.279	20.762	55.204	55.205	129.074	98	67	97

* Girder Length "L" excludes girder ends beyond first & last bearings.



SECTION A-A

NOTES:

1. See Sheet S-73 for girder framing plan.
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. All structural steel shall be AASHTO M270 Grade 50.
7. Load carrying components designated "NTR" shall conform to the Impact Testing Requirement, Zone 2.

0161705-60W28-5074-GirderElev.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 ELEVATIONS - UNIT I
STRUCTURE NO. 016-1705**
SHEET NO. S-74 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	390
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	