



ELEVATION - GIRDER G1-G5

GIRDER DIMENSIONS

Girder	A	B	C	D	E	F
G1	17'-6 1/2"	21'-5 3/8"	77'-11 3/4"	1'-7 7/8"	64	74'-8"
G2	17'-9 1/4"	21'-8 5/8"	78'-11 7/8"	1'-7"	65	75'-10"
G3	18'-0"	22'-0"	80'-0"	1'-6"	66	77'-0"
G4	18'-2 3/4"	22'-3 3/8"	81'-0 1/2"	2'-0"	66	77'-0"
G5	18'-5 1/2"	22'-6 5/8"	82'-0 1/4"	1'-11 1/8"	67	78'-2"

NOTES:

- All flange plates, web plates, bearing stiffeners, and cross frame connection plates shall be AASHTO M270 Grade 50 steel.
- Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.
- Work this sheet with Sheets S22 thru S26.
- See Sheet S30 for Section A-A.

**benesch**  
engineers - scientists - planners

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FILE NAME =  
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USER NAME = akesschall  
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CITY OF ST. CHARLES

STEEL PLATE GIRDER ELEVATION (4 OF 4)  
STRUCTURE NO. 045-6024 RED GATE ROAD OVER THE FOX RIVER

SHEET NO. S27 OF S56 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	249
CONTRACT NO. 63650				
ILLINOIS FED. AID PROJECT				