

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAMING PLAN - RAMP 3 FLARE (G3.12)

G3.12 PC	℄ Brg. Abutment	℄ F.S. -3.1	℄ Crosshead	℄ F.S. -3.2	℄ Carrier Girder G1
X ₃ -6"	0'-0"	60'-10 ⁵ / ₁₆ "	77'-4 ³ / ₈ "	105'-5 ³ / ₁₆ "	130'-0 ¹ / ₄ "
Y ₃ 58'-4"	58'-4"	47'-3"	40'-1 ³ / ₁₆ "	22'-8 ³ / ₁₆ "	0'-0"

NOTES:

1. Work this sheet with sheets 151 through 168.
2. Structural steel for beams, girders, splice plates, and connection plates shall conform to the requirement of AASHTO M270 GR 50. All other steel shall conform to the requirements of AASHTO M270 GR 36.
3. F.S. denotes field splice.
4. FB denotes floor beam.

MEMBER SIZE

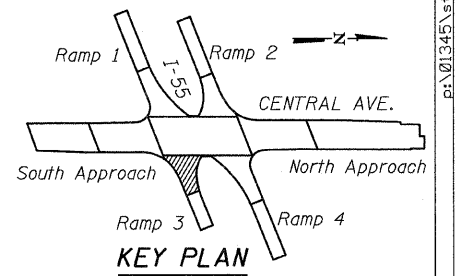
Girder	Size
G3.1	W36x231
G3.2	
G3.3	
G3.4	
G3.5	
G3.6	
G3.7	
G3.8	W36x231
G3.9	54" I ^e Girder
G3.10	W36x150
G3.10A	W36x150
G3.11	W36x231
G3.12	54" I ^e Girder
G3.13	W36x150
G3.14	
G3.15	
G3.16	
G3.17	W36x150
G3.18	W36x231
G3.19	W36x231
G3.20	W36x231
FB3.1 thru FB3.7	W36x231
FB3.8	W24x76

ANGLE "A"

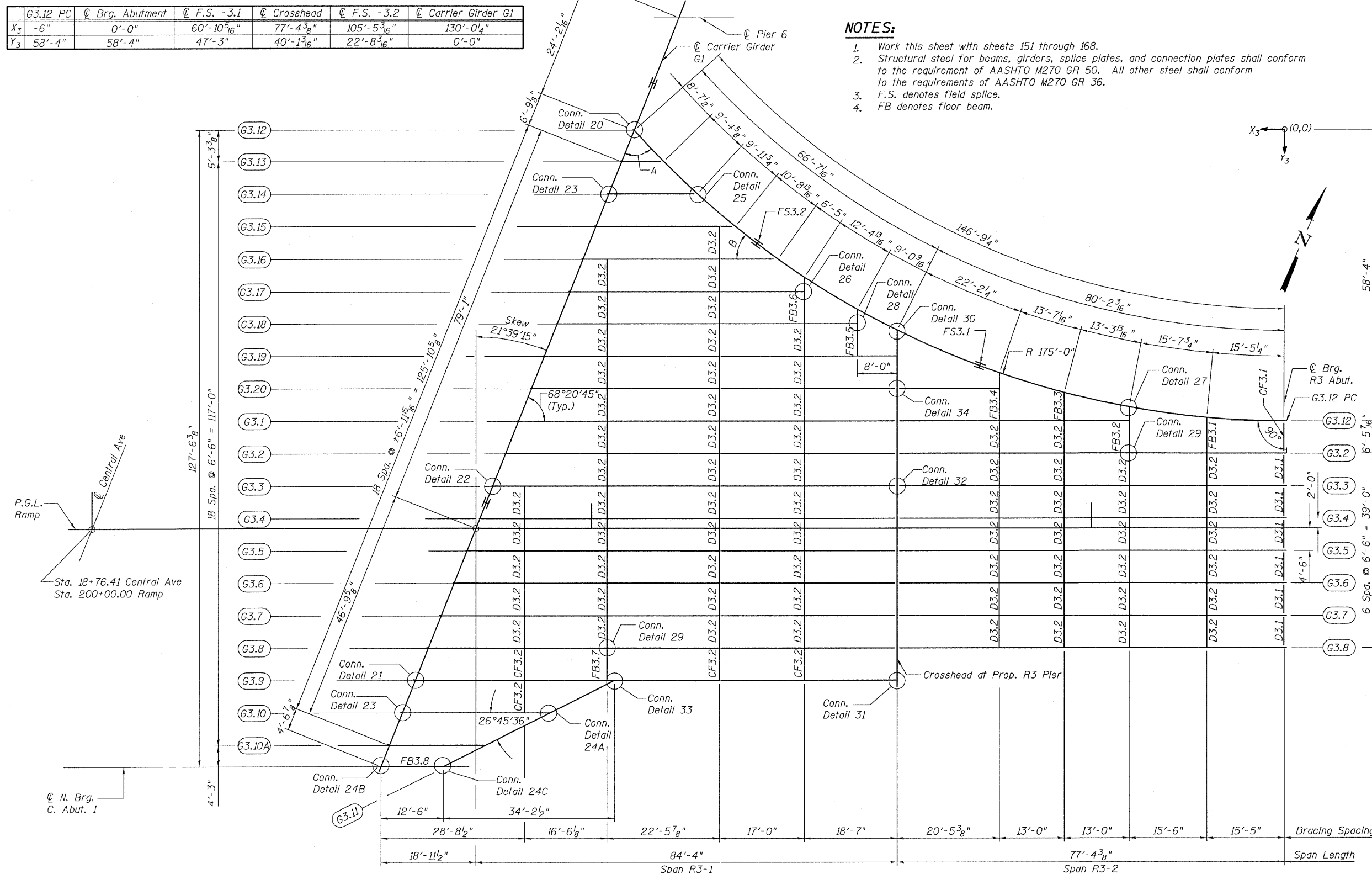
Girder	A
Carrier Girder	63°27'58"
FB-3.6	56°35'24"
FB-3.5	60°38'59"
Crosshead	63°36'46"
FB-3.4	70°52'39"
FB-3.3	75°19'37"
FB-3.2	79°41'15"
FB-3.1	84°48'39"

ANGLE "B"

Girder	B
G3.13	45°21'53"
G3.14	42°17'28"
G3.15	39°1'28"
G3.16	35°30'34"



FRAMING PLAN
RAMP 3 FLARE
STRUCTURE NO. 016-0724



FRAMING PLAN - RAMP 3 FLARE

TYLIN INTERNATIONAL

DESIGNED	JPN	REVISIONS	
CHECKED	AMD, PDF	NAME	DATE
DRAWN	MAU		
CHECKED	AMD, PDF		
DATE	03/25/2011		

SHEET NO. 96	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	0711.2R & 1011.1BR	COOK	741	420
239 SHEETS	CONTRACT NO. 60999				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					