

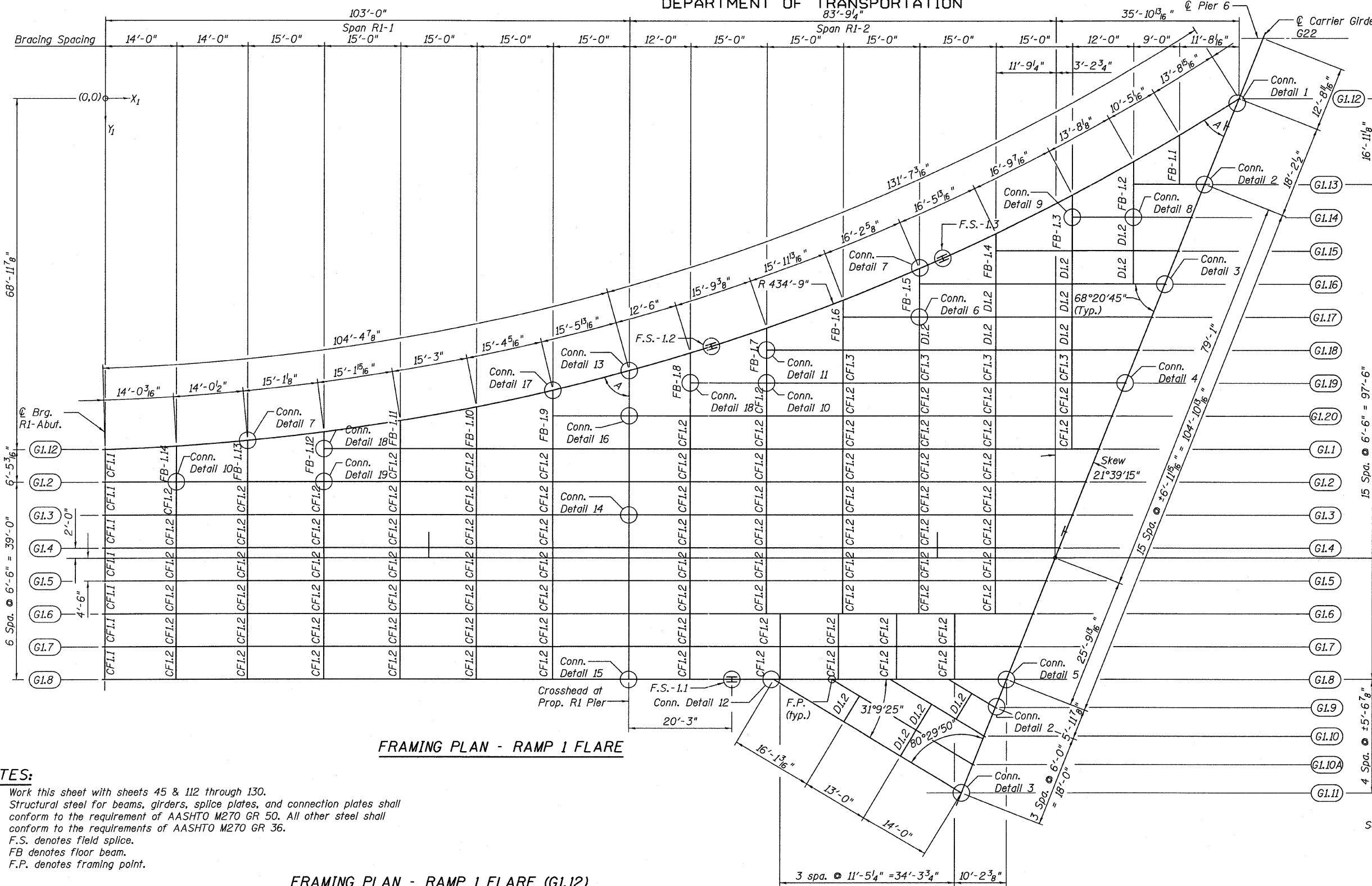
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEMBER SIZE

Girder	Size
G1.1-G1.7	54" I Girder
G1.8	60" I Girder
G1.9	W36x150
G1.10	W36x150
G1.10A	W36x150
G1.11	W36x231
G1.12	60" I Girder
G1.13	W36x150
G1.14	W36x150
G1.15	W36x150
G1.16	W36x231
G1.17	W36x231
G1.18	W36x231
G1.19	54" I Girder
G1.20	54" I Girder
FB1.1-FB1.7	W36x231
FB1.8, FB1.9, FB1.12	54" I Girder
FB1.10, FB1.11, FB1.13, FB1.14	W36x231

ANGLE "A"

Girder	Angle "A"
Carrier Girder	35°34'48"
FB-1.1	59°2'44"
FB-1.2	60°25'8"
FB-1.3	62°13'18"
FB-1.4	64°26'2"
FB-1.5	66°36'22"
FB-1.6	68°44'36"
FB-1.7	70°51'0"
FB-1.8	72°55'48"
Crosshead	74°34'38"
FB-1.9	76°37'5"
FB-1.10	78°38'31"
FB-1.11	80°39'6"
FB-1.12	82°39'0"
FB-1.13	84°38'21"
FB-1.14	86°29'23"



FRAMING PLAN - RAMP 1 FLARE

NOTES:

1. Work this sheet with sheets 45 & 112 through 130.
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.
5. F.P. denotes framing point.

FRAMING PLAN - RAMP 1 FLARE (G1.12)

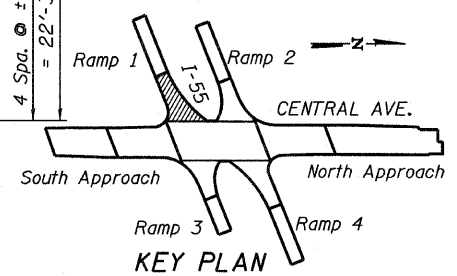
	Carrier Girder G22	F.S.-1.3	F.S.-1.2	Crosshead	Brg. RI-Abut.
X ₁	222'-8 ¹ / ₁₆ "	164'-6 ¹³ / ₁₆ "	119'-1 ³ / ₈ "	103'-0"	0'-0"
Y ₁	0'-0"	31'-5 ¹ / ₈ "	48'-8 ³ / ₄ "	53'-6 ¹ / ₄ "	68'-11 ⁷ / ₈ "

TYLIN INTERNATIONAL

DESIGNED	JN	REVISIONS	
CHECKED	AMD, PDF	NAME	DATE
DRAWN	JMA		
CHECKED	AMD, PDF		
DATE	03/25/2011		

SHEET NO. 94	F.A.I. RTE. 55	SECTION 0711.2R & 1011.1BR	COUNTY COOK	TOTAL SHEETS 741	SHEET NO. 418
239 SHEETS					
CONTRACT NO. 60999					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

FRAMING PLAN
RAMP 1 FLARE
STRUCTURE NO. 016-0724



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