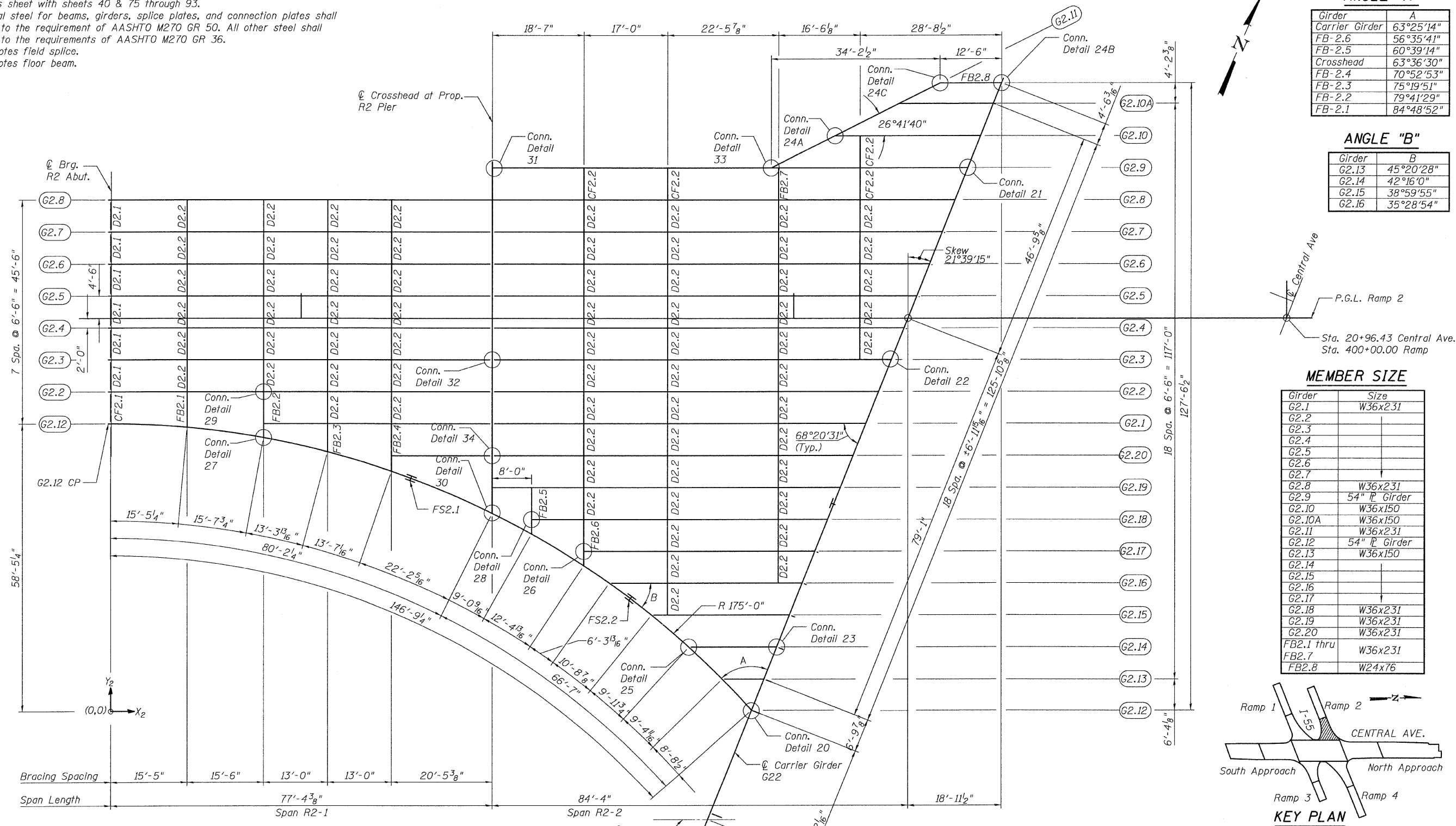


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NOTES:

1. Work this sheet with sheets 40 & 75 through 93.
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.



**ANGLE "A"**

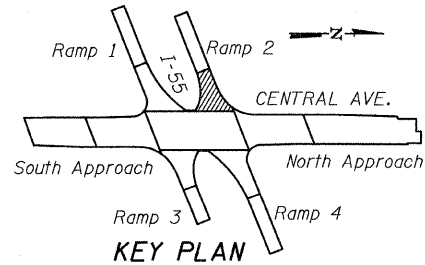
Girder	A
Carrier Girder	63°25'14"
FB-2.6	56°35'41"
FB-2.5	60°39'14"
Crosshead	63°36'30"
FB-2.4	70°52'53"
FB-2.3	75°19'51"
FB-2.2	79°41'29"
FB-2.1	84°48'52"

**ANGLE "B"**

Girder	B
G2.13	45°20'28"
G2.14	42°16'0"
G2.15	38°59'55"
G2.16	35°28'54"

**MEMBER SIZE**

Girder	Size
G2.1	W36x231
G2.2	
G2.3	
G2.4	
G2.5	
G2.6	
G2.7	
G2.8	W36x231
G2.9	54" I <sup>r</sup> Girder
G2.10	W36x150
G2.10A	W36x150
G2.11	W36x231
G2.12	54" I <sup>r</sup> Girder
G2.13	W36x150
G2.14	
G2.15	
G2.16	
G2.17	
G2.18	W36x231
G2.19	W36x231
G2.20	W36x231
FB2.1 thru FB2.7	W36x231
FB2.8	W24x76



FRAMING PLAN - RAMP 2 FLARE

G2.12 PC	Q Brg. Abutment	Q Crosshead	Q Carrier Girder G22
X <sub>2</sub> -6 <sup>5</sup> / <sub>16</sub> "	0'-0"	77'-4 <sup>3</sup> / <sub>8</sub> "	130'-0 <sup>5</sup> / <sub>16</sub> "
Y <sub>2</sub> 58'-5"	58'-5"	40'-2 <sup>3</sup> / <sub>8</sub> "	0'-0"

**TYLIN INTERNATIONAL**

DESIGNED	MU, JA	REVISIONS	
CHECKED	AMD,	NAME	DATE
DRAWN	MU, JA		
CHECKED	AMD,		
DATE	08/02/10		

SHEET NO. 42	F.A.I. RTE. 55	SECTION 0711.2R & 1011.1BR	COUNTY COOK	TOTAL SHEETS 200	SHEET NO. 72
137 SHEETS	FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 60L39					

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