

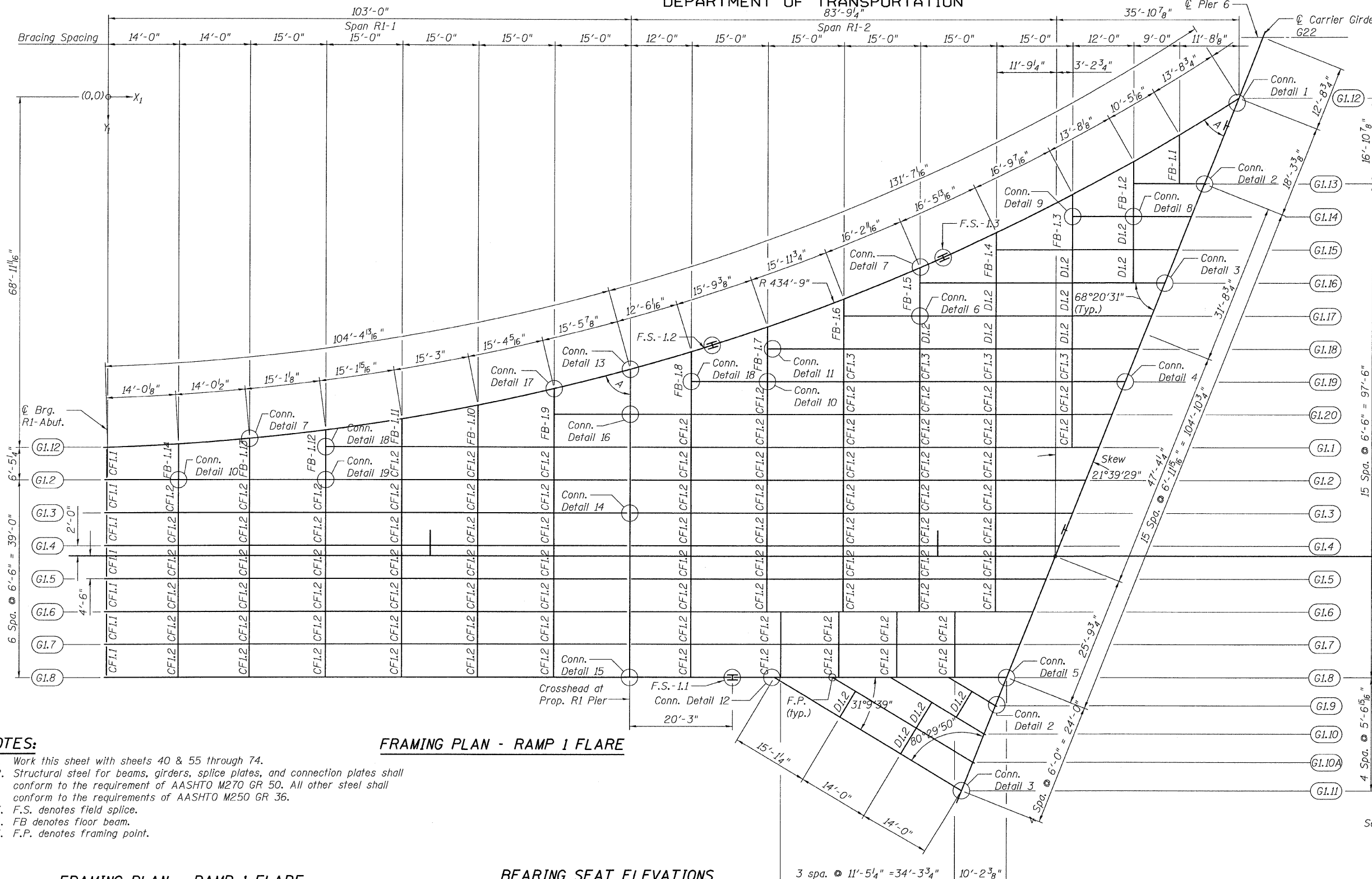
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MEMBER SIZE

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

ANGLE "A"

Girder	Angle "A"
Carrier Girder	35°34'48"
FB-1.1	59°3'0"
FB-1.2	60°25'24"
FB-1.3	62°13'34"
FB-1.4	64°26'18"
FB-1.5	66°36'38"
FB-1.6	68°44'51"
FB-1.7	70°51'15"
FB-1.8	72°56'3"
Crosshead	74°34'53"
FB-1.9	76°37'21"
FB-1.10	78°38'47"
FB-1.11	80°39'21"
FB-1.12	82°39'15"
FB-1.13	84°38'36"
FB-1.14	86°29'38"



NOTES:

1. Work this sheet with sheets 40 & 55 through 74.
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 M250 GR 36.
3. F.S. denotes field splice.
4. FB denotes floor beam.
5. F.P. denotes framing point.

FRAMING PLAN - RAMP 1 FLARE

FRAMING PLAN - RAMP 1 FLARE

	Carrier Girder G22	F.S.-1.2	Crosshead	Brg. RI-Abut.
X <sub>1</sub>	222'-8 1/8"	119'-1 1/8"	102'-11 1/8"	0'-0"
Y <sub>1</sub>	0'-0"	48'-8 1/8"	53'-6 1/8"	68'-11 1/8"

BEARING SEAT ELEVATIONS

Girder Location	G1.2	G1.3	G1.4	G1.5	G1.6	G1.7	G1.8
RI-Abut.	616.33	616.94	617.04	617.14	617.24	617.34	617.44

(For Information Only)

TYLIN INTERNATIONAL

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

SHEET NO. 41 137 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	0711.2R & 1011.1BR	COOK	200	71
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT		
CONTRACT NO. 60L39					

4:32:49 PM

p:\01345\beam and bearing fabrication\155f1frame.dgn

8/13/2010