

PROJECT NO.	SECTION	SHEET	TOTAL SHEETS
710	48 HBR-1	MACON	08
SHEET NO.		67	

**TOP OF BEAM ELEVATIONS**  
(For Fabrication only)

Beam	Q. Brg. & Abut.	Splice #1	Q. Pier #1	Splice #2	Q. Pier #2	Q. Brg. & Abut.
A	042.84	040.91	041.03	041.59	042.95	044.81
B	040.03	040.81	041.84	042.74	043.18	042.71
C	040.30	041.08	041.50	043.03	043.41	042.43
D	040.58	041.85	041.79	043.28	043.00	042.19
E	040.85	041.01	041.01	043.53	043.80	042.39
F	041.12	041.80	042.20	043.77	044.10	042.01
G	041.40	042.10	041.55	044.01	044.39	042.04

**FRAMING PLAN**  
All dimensions are horizontal dimensions.  
Beam A is concentric with Centerline Survey Ramp.  
Beams B-G are concentric with Centerline Survey Mainline.  
NTR denotes Notch Toughness Requirements.  
Diaphragms D<sub>1</sub> between C & C' D shall be placed during Stage II Construction.

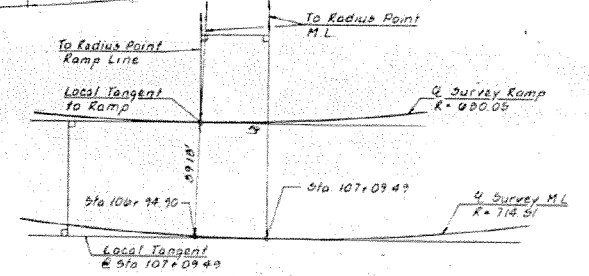
**BEAM DIMENSIONS (ALONG & BEAMS)**

Beam	Radius	A	B	C	D	E	L
A	078.27	13'-3 1/2"	11'-0 1/2"	49'-0 1/2"	11'-0 1/2"	45'-0 1/2"	139'-0 1/2"
B	081.09	13'-3 1/2"	11'-0 1/2"	45'-11 1/2"	11'-0 1/2"	45'-3 1/2"	139'-0 1/2"
C	088.08	13'-3 1/2"	11'-0 1/2"	45'-11 1/2"	11'-0 1/2"	45'-3 1/2"	139'-0 1/2"
D	095.04	13'-3 1/2"	11'-0 1/2"	45'-11 1/2"	11'-0 1/2"	45'-3 1/2"	139'-0 1/2"
E	102.04	13'-3 1/2"	11'-0 1/2"	45'-10 1/2"	11'-0 1/2"	45'-3 1/2"	139'-0 1/2"
F	104.09	13'-3 1/2"	11'-0 1/2"	45'-10 1/2"	11'-0 1/2"	45'-3 1/2"	139'-0 1/2"
G	110.09	13'-3 1/2"	11'-0 1/2"	45'-10 1/2"	11'-0 1/2"	45'-3 1/2"	139'-0 1/2"

**LAYOUT DIMENSIONS**

Beam	S. Abut.		Splice #1		Pier #1		Splice #2		Pier #2		N. Abut.	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
A	17 1/2	1-9 1/2	0 1/2	5 1/2	0 1/2	14 1/2	1 1/2	3 1/2	2 1/2	1-5 1/2	0 1/2	5 1/2
B	4 1/2	2-11 1/2	7 1/2	1-1 1/2	0 1/2	4 1/2	0 1/2	1 1/2	0 1/2	7 1/2	0 1/2	4-18 1/2
C	4 1/2	3-0	1 1/2	1-1 1/2	0 1/2	7 1/2	0 1/2	1 1/2	0 1/2	7 1/2	0 1/2	4-18 1/2
D	4 1/2	3-0 1/2	7 1/2	1-3 1/2	0 1/2	7 1/2	0 1/2	1 1/2	0 1/2	7 1/2	0 1/2	4-18 1/2
E	4 1/2	3-1 1/2	7 1/2	1-0 1/2	0 1/2	7 1/2	0 1/2	1 1/2	0 1/2	7 1/2	0 1/2	4-18 1/2
F	4 1/2	3-1 1/2	7 1/2	1-0 1/2	0 1/2	7 1/2	0 1/2	1 1/2	0 1/2	7 1/2	0 1/2	4-18 1/2
G	4 1/2	3-2 1/2	7 1/2	1-4 1/2	0 1/2	7 1/2	0 1/2	1 1/2	0 1/2	7 1/2	0 1/2	4-18 1/2

Beams B-G based on offsets off of Local Tangent @ Sta 107+09.49  
Beams A based on offsets off of Local Tangent to Q. Ramp, which is parallel to a local tangent @ Sta 107+09.49 M.L., 39.18' Radially left of Sta 100+14.90



**REFERENCE SKETCH**  
(BEAM LAYOUT) Work this sheet with sheet 12

**FRAMING PLAN**  
FA 710 (US 50) OVER LAKE SHORE DRIVE SECTION 48 HBR-1 MACON COUNTY STATION 107+09.49

COLLINS AND RICE CONSULTING ENGINEERS  
ENGINEER: Z. B. W. DRAWN: L. G. CHECKED: F. S. DATE: 11-18-00 W. 1300

