



**SPAN 1**  
(TYPE U54 BEAMS)

BEAM REPORT

BEAM REPORT, SPAN 1

HORIZONTAL DISTANCE	TRUE DISTANCE	BEAM
C-C BENT	C-C BRG.	BOT. BM. FLG. SLOPE
BEAM 1 102.188	100.570	101.68 -0.0047
BEAM 2 102.188	100.570	101.68 -0.0048
BEAM 3 102.188	100.570	101.68 -0.0049
BEAM 4 102.188	100.570	101.68 -0.0050
BEAM 5 102.188	100.570	101.68 -0.0051

BEAM REPORT, SPAN 2

HORIZONTAL DISTANCE	TRUE DISTANCE	BEAM
C-C BENT	C-C BRG.	BOT. BM. FLG. SLOPE
BEAM 1 123.322	121.695	122.83 -0.0093
BEAM 2 123.322	121.695	122.83 -0.0094
BEAM 3 123.322	121.695	122.83 -0.0095
BEAM 4 123.322	121.695	122.83 -0.0095
BEAM 5 123.322	121.695	122.83 -0.0096
BEAM 6 123.322	121.695	122.83 -0.0097

BEAM REPORT, SPAN 3

HORIZONTAL DISTANCE	TRUE DISTANCE	BEAM
C-C BENT	C-C BRG.	BOT. BM. FLG. SLOPE
BEAM 1 103.415	101.778	102.92 -0.0139
BEAM 2 103.415	101.778	102.92 -0.0140
BEAM 3 103.415	101.778	102.92 -0.0141
BEAM 4 103.415	101.778	102.92 -0.0143
BEAM 5 103.415	101.778	102.92 -0.0144

**SPAN 2**  
(TYPE U54 BEAMS)

BENT NO. 1 (S 71 6 34.96 E)

DISTANCE BETWEEN STATION LINE AND BEAM 1 5.148 R

BEAM SPAC.	BEAM ANGLE
(C.L. BENT)	D M S
SPAN 1 BEAM 1 0.000	78 7 9
BEAM 2 12.589	78 7 9
BEAM 3 12.589	78 7 9
BEAM 4 12.589	78 7 9
BEAM 5 12.589	78 7 9
TOTAL	50.356

BENT NO. 2 (S 71 6 34.96 E)

DISTANCE BETWEEN STATION LINE AND BEAM 1 5.294 R

BEAM SPAC.	BEAM ANGLE
(C.L. BENT)	D M S
SPAN 1 BEAM 1 0.000	78 7 9
BEAM 2 12.589	78 7 9
BEAM 3 12.589	78 7 9
BEAM 4 12.589	78 7 9
BEAM 5 12.589	78 7 9
TOTAL	50.356

BENT NO. 3 (S 71 6 34.96 E)

DISTANCE BETWEEN STATION LINE AND BEAM 1 5.492 R

BEAM SPAC.	BEAM ANGLE
(C.L. BENT)	D M S
SPAN 2 BEAM 1 0.000	76 40 26
BEAM 2 10.071	76 40 26
BEAM 3 10.071	76 40 26
BEAM 4 10.071	76 40 26
BEAM 5 10.071	76 40 26
BEAM 6 10.071	76 40 26
TOTAL	50.356

**SPAN 3**  
(TYPE U54 BEAMS)

BENT REPORT

BENT NO. 3 (S 71 6 34.96 E)

DISTANCE BETWEEN STATION LINE AND BEAM 1 5.492 R

BEAM SPAC.	BEAM ANGLE
(C.L. BENT)	D M S
SPAN 2 BEAM 1 0.000	76 40 26
BEAM 2 10.071	76 40 26
BEAM 3 10.071	76 40 26
BEAM 4 10.071	76 40 26
BEAM 5 10.071	76 40 26
BEAM 6 10.071	76 40 26
TOTAL	50.356

BENT NO. 4 (S 71 6 34.96 E)

DISTANCE BETWEEN STATION LINE AND BEAM 1 5.678 R

BEAM SPAC.	BEAM ANGLE
(C.L. BENT)	D M S
SPAN 3 BEAM 1 0.000	75 13 15
BEAM 2 12.589	75 13 15
BEAM 3 12.589	75 13 15
BEAM 4 12.589	75 13 15
BEAM 5 12.589	75 13 15
TOTAL	50.356

- ① Beam Lengths Shown Are Bottom Beam Flange Lengths With Adjustments Made For Beam Slope.
- ② Beam Spacing Shown Is Measured At Bottom Of Beam. Spacing At Top Of Beam May Vary Due To Cross-Slope Of U-Beams.

HL93 LOADING



Bridge Division

## FRAMING PLAN

### LONG CREEK BRIDGE NORTHBOUND MAINLANES

FILE:	DN:	CK:	DW:	CK:
©TxDOT	DISTRICT	FEDERAL AID PROJECT		SHEET
REVISIONS	COUNTY	CONTROL	SECT	JOB HIGHWAY