



### SPAN 9 - UNIT 4

(TYP U54 BEAMS)

BENT NO. 9 (N 0° 1' 11" E)				
DISTANCE BETWEEN STATION LINE AND BEAM 1 20.500 LEFT				
SPAN 9 BEAM SPACING		BEAM ANGLE		
(CL BENT)		D	M	S
BEAM 1	0.000	90	0	0
BEAM 2	12.583'	90	0	0
BEAM 3	12.583'	90	0	0
BEAM 4	12.583'	90	0	0
TOTAL	37.750'			

BENT NO. 10 (N 0° 1' 11" E)				
DISTANCE BETWEEN STATION LINE AND BEAM 1 20.500 LEFT				
SPAN 9 BEAM SPACING		BEAM ANGLE		
(CL BENT)		D	M	S
BEAM 1	0.000	90	0	0
BEAM 2	12.583'	90	0	0
BEAM 3	12.583'	90	0	0
BEAM 4	12.583'	90	0	0
TOTAL	37.750'			

BEAM REPORT, SPAN 9				
HORIZONTAL DISTANCE				
CL - CL JOINT	CL - CL BRG	TRUE LENGTH	BEAM SLOPE	
BEAM 1A	85.000'	82.6667'	84.1667	0.006
BEAM 2A	85.000'	82.6667'	84.4167'	0.006
BEAM 3A	85.000'	82.6667'	84.4167'	0.006
BEAM 4A	85.000'	82.6667'	84.1667	0.006

BEAM REPORT, SPAN 9				
HORIZONTAL DISTANCE				
CL - CL JOINT	CL - CL BRG	TRUE LENGTH	BEAM SLOPE	
BEAM 1B	85.000'	82.6667'	84.1667	0.002
BEAM 2B	85.000'	82.6667'	84.4167'	0.002
BEAM 3B	85.000'	82.6667'	84.4167'	0.002
BEAM 4B	85.000'	82.6667'	84.1667	0.002

- NOTE**
- ① SEE TxDOT STANDARD UBB MOD FOR ORIENTATION OF DIMENSION.
  - ② BEAM LENGTHS SHOWN ARE BOTTOM BEAM FLANGE WITH ADJUSTMENTS MADE FOR BEAM SLOPE.



NO.	DATE	REVISION	APPROV.
<b>URS</b>			
GREYSTONE CENTRE 3010 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75234			
<b>ARAPAHO ROAD - PHASE III</b>			
SURVEYOR BOULEVARD TO ADDISON ROAD			
FRAMING PLAN UNIT 4			
TOWN OF ADDISON, TEXAS			
Design	Drawn	RJB	DATE
Check	Check	05-07-04	SCALE
		NONE	PROJECT NO.
		25768	SHEET NO.
		BR-32	