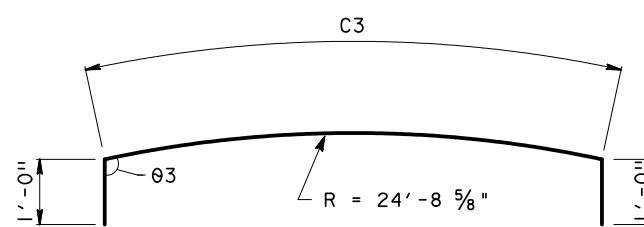
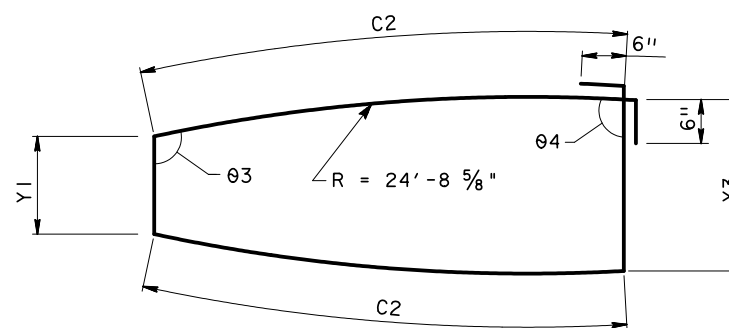
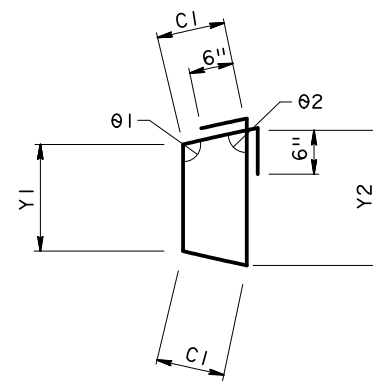
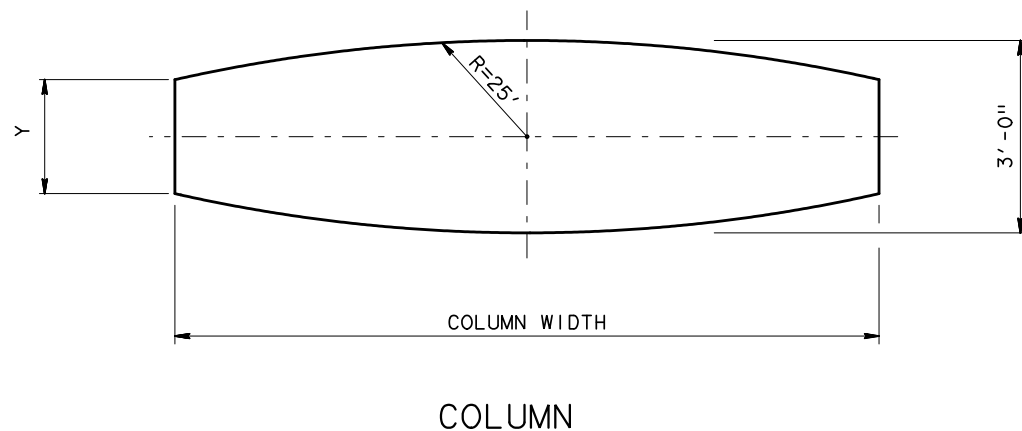


TABLE OF ESTIMATED BAR DETAILS

TRUSS	COLUMN		BAR T1					BAR T2					BAR H	
	WIDTH	Y (±)	Y1 (±)	Y2 (±)	C1 (±)	θ1	θ2	Y1 (±)	Y3 (±)	C2 (±)	θ3	θ4	C3 (±)	θ3
4'-6" X 4'-6"	8'-6"	2'-3 1/4"	1'-9 3/4"	2'-0"	7 3/4"	98.50°	81.50°	1'-9 3/4"	2'-4 3/4"	5'-2 1/4"	99.20°	92.66°	7'-11 1/4"	99.20°
5'-0" X 5'-0"	9'-0"	2'-2 1/4"	1'-8 3/4"	1'-11 1/4"	7 3/4"	99.09°	80.91°	1'-8 3/4"	2'-4 3/4"	5'-6 1/4"	99.76°	92.88°	8'-5 1/4"	99.76°
5'-6" X 5'-6"	9'-6"	2'-1 1/4"	1'-7 3/4"	1'-10 1/4"	7 3/4"	99.67°	80.33°	1'-7 3/4"	2'-4 1/2"	5'-10 1/4"	100.34°	92.98°	9'-0"	100.34°
6'-0" X 6'-0"	10'-0"	2'-0"	1'-6 1/2"	1'-9 1/4"	7 3/4"	100.26°	79.74°	1'-6 1/2"	2'-4 3/4"	6'-0"	100.89°	92.81°	9'-6"	100.89°
6'-6" X 6'-6"	10'-6"	1'-10 3/4"	1'-5 1/4"	1'-8 1/4"	8"	100.82°	79.18°	1'-5 1/4"	2'-4 1/2"	6'-3 3/4"	101.52°	92.94°	10'-0"	101.52°
7'-0" X 7'-0"	11'-0"	1'-9 1/4"	1'-4"	1'-7 1/4"	8"	101.41°	78.59°	1'-4"	2'-4 3/4"	6'-5 3/4"	102.11°	92.75°	10'-6 1/4"	102.11°
7'-6" X 7'-6"	11'-6"	1'-7"	1'-2 3/4"	1'-6"	8 1/4"	102.00°	78.00°	1'-2 3/4"	2'-4 3/4"	6'-9 1/2"	106.66°	92.83°	11'-0 1/2"	106.66°
8'-0" X 8'-0"	12'-0"	1'-6 1/2"	1'-1 1/4"	1'-5"	8 1/4"	102.60°	77.40°	1'-1 1/4"	2'-4 1/2"	7'-1 1/2"	103.14°	92.82°	11'-6 1/2"	103.14°



Texas Department of Transportation
Houston District Bridge
Green Ribbon Project

OVERHEAD SIGN BRIDGE
COLUMN DETAILS
WAVE SCHEME

OSB-WS

FILE#	STDN39.DGN	DN#	HOU	CK#	HOU	DW#	HOU	CK#	HOU
©TXDOT	AUGUST 2011	DISTRICT	FED REG	PROJECT NO.		SHEET			
REVISIONS		HOUSTON	6						
		COUNTY	CONTROL	SECT	JOB	HIGHWAY			