



Compressor Transition Calculations Made at 10 Degrees

Barrier Width	A Transition Length (in)	B Distance From Barrier (in)	C Total System Length (in)
50	20.1	19.8	280.1
55	34.5	34.0	294.2
60	48.9	48.1	308.4
65	63.2	62.3	322.5
70	77.6	76.4	336.7
75	92.0	90.6	350.8
80	106.3	104.7	364.9
85	120.7	118.8	379.1
90	135.1	133.0	393.2
95	149.4	147.1	407.4
100	163.8	161.3	421.5
105	178.2	175.4	435.7
110	192.5	189.6	449.8
115	206.9	203.7	464.0
120	221.3	217.9	478.1
125	235.6	232.0	492.3
130	250.0	246.2	506.4
135	264.4	260.3	520.6

- (A) Transition Length at 10 Degree Diverging
- (B) Distance Compressor is Positioned Away from Barrier
- (C) Total System Length B + 260.25 (Compressor Length)

For appropriate design and layout configuration of Compressor Transition, refer to CalTrans 2010 Standard Plans Drawings

Shown at a maximum of 10° Transition as recommended by manufacture. For angles less than 10°, consult the manufacturer for appropriate Compressor offset.

UNLESS OTHERWISE SPECIFIED:
 ALL DIMENSIONS ARE IN INCHES [mm].
 TOLERANCES:
 FRACTIONAL: X/X ± 1/16" [1.6mm]
 DECIMAL: .000 ± .0625
 DEGREES: ± 0.5°

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TITLE:
COMPRESSOR OFFSET WITH DIVERGING TRANSITION

DRAWN BY: JEREMY SMITH
 CHECKED BY: FA
 APPROVED BY: FA
 DATE: 05-15-12
 DATE: 05-15-12
 DATE: 05-15-12

SIZE B	DWG. NO. 600-106	REV A
		SHEET 1 OF 1