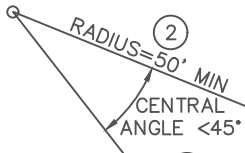


EXAMPLE 2: NO WIDENING REQUIRED IF THE CENTRAL ANGLE IS LESS THAN 45°



EDGE OF ROAD SURFACE OR FACE OF CURB (ASPHALT OR CONCRETE)

CENTRAL ANGLE >45°

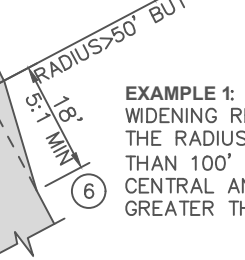
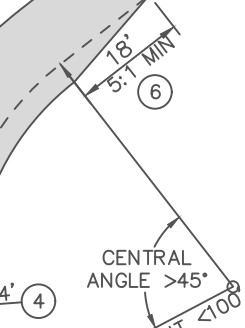
RADIUS >100' BUT <200'

EXAMPLE 3: 2-FOOT WIDENING REQUIRED IF THE RADIUS IS GREATER THAN 100' BUT LESS THAN 200- FEET AND THE CENTRAL ANGLE IS GREATER THAN 45°

NOTES:

1. THE MINIMUM WIDTH OF THE DRIVEWAY OR ACCESS ROAD MUST BE PER DWGS FP-9 AND FP-10.
2. MINIMUM INSIDE RADIUS OF ALL DRIVEWAY AND ACCESS ROAD CURVES MUST BE 50- FEET.
3. NO ADDITIONAL WIDTH IS REQUIRED FOR ANY INSIDE RADIUS HAVING A CENTRAL ANGLE LESS THAN 45° (SEE EXAMPLE 2).
4. 4-FOOT WIDENING OF THE INSIDE RADIUS IS REQUIRED WHEN THE RADIUS IS LESS THAN 100- FEET AND THE CENTRAL ANGLE IS GREATER THAN 45° (SEE EXAMPLE 1).
5. 2-FOOT WIDENING OF THE INSIDE CURVE IS REQUIRED WHEN THE RADIUS IS GREATER THAN 100- FEET BUT LESS THAN 200- FEET AND THE CENTRAL ANGLE IS GREATER THAN 45° (SEE EXAMPLE 3).
6. A MINIMUM 5:1 TAPER MUST BE PROVIDED EACH SIDE OF THE REQUIRED WIDENING.
7. VEGETATION CLEAR ZONE PER DWG FP-12 MUST BE MAINTAINED FOR CAL FIRE ACCESS.

EXAMPLE 1: 4-FOOT WIDENING REQUIRED IF THE RADIUS IS LESS THAN 100' AND THE CENTRAL ANGLE IS GREATER THAN 45°



COUNTY OF SAN LUIS OBISPO FIRE DEPARTMENT / CAL FIRE
 HORIZONTAL CURVE DESIGN STANDARD
 FOR PRIVATE DRIVEWAYS & ACCESS ROADS

Revised: July 2020
 Drawing No.: FP-8