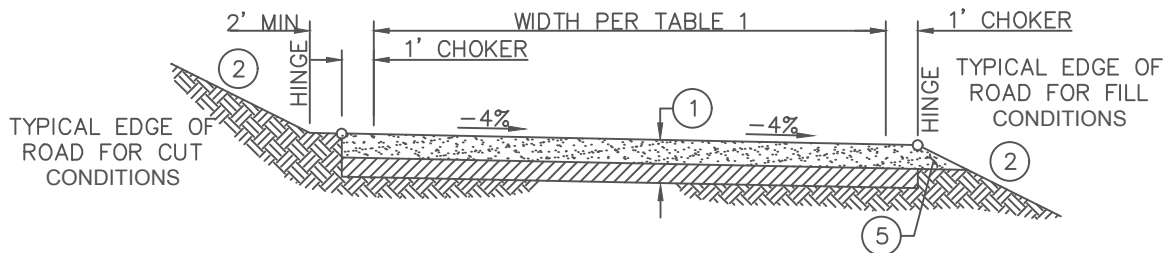


OPTION 1: GRAVEL ROAD SECTION WITH CROWNED CROSS SLOPE



OPTION 2: GRAVEL ROAD SECTION WITH CONSTANT CROSS SLOPE

NOTES:




1. TYPICAL SECTION MUST BE DESIGNED TO SUPPORT FIRE TRUCK APPARATUS, BUT SHALL NOT BE LESS THAN:
 -  4" MINIMUM CLASS II AGGREGATE BASE TO 95% RELATIVE COMPACTION FOR R≥40, OR
 -  6" MINIMUM CLASS II AGGREGATE BASE TO 95% RELATIVE COMPACTION FOR R<40, OVER
 -  12" MINIMUM SUBGRADE COMPACTED TO 95% RELATIVE COMPACTION
2. CUT AND FILL SLOPES MUST NOT EXCEED 2 HORIZONTAL:1 VERTICAL (OR 3h:1v IN NATIVE SAND).
3. ROADSIDE DRAINAGE MUST BE ACCOMMODATED FOR SUCH THAT IT DOES NOT ERODE THE AGGREGATE SHOULDER. THE SIDE SLOPE OF ANY DRAINAGE SWALE DIRECTLY ADJACENT TO THE EDGE OF ROADWAY MUST NOT EXCEED 4h:1v.
4. ADDITIONAL WIDTH MUST BE PROVIDED AS NECESSARY TO ACCOMMODATE FOR ROADSIDE DRAINAGE. DRAINAGE MUST NOT ENCROACH WITHIN THE TRAVEL LANE.
5. THE AGGREGATE BASE MATERIAL MUST EXTEND TO THE EDGE OF THE FILL SLOPE (CHOKER) TO ALLOW FOR STRUCTURAL ROAD SECTION DRAINAGE.

TABLE 1: DRIVEWAY AND ACCESS ROAD WIDTH REQUIREMENTS

<p>DRIVEWAY WIDTH REQUIREMENTS FOR RESIDENTIAL: 12-FOOT MINIMUM WIDTH FOR LENGTHS 0 TO 199-FOET 14 FEET MINIMUM WIDTH FOR LENGTHS GREATER THAN 200-FOET</p>
<p>ACCESS WIDTH REQUIREMENTS FOR COMMERCIAL: 20-FOET MINIMUM WIDTH WITH 2-FOET OF SHOULDERS ON EITHER SIDE 16 FEET MINIMUM WIDTH FOR ONE WAY (REQUIRES PRIOR DEPARTMENT APPROVAL)</p>
<p>ACCESS ROAD WIDTH REQUIREMENTS FOR RESIDENTIAL: 24-FOET MINIMUM WIDTH WITH NO-PARKING 8-FOET ADDITIONAL WIDTH PER SIDE FOR PARKING LANES 12-FOET MINIMUM WIDTH FOR ONE-WAY (REQUIRES PRIOR DEPARTMENT APPROVAL)</p>
<p>ACCESS ROAD WIDTH REQUIREMENTS FOR COMMERCIAL: 24-FOET MINIMUM WIDTH WITH NO-PARKING, INCLUDES SECONDARY ACCESS EGRESS 8 FEET ADDITIONAL WIDTH PER SIDE FOR PARKING LANES 16-FOET MINIMUM WIDTH FOR ONE WAY</p>

ADDITIONAL DESIGN CRITERIA:

1. FOR ROAD LONGITUDINAL SLOPE DESIGN REQUIREMENTS REFER TO DWG FP-7.



COUNTY OF SAN LUIS OBISPO FIRE DEPARTMENT / CAL FIRE

GRAVEL ROAD STANDARD
 FOR PRIVATE DRIVEWAYS & ACCESS ROADS

Revised:
 APRIL 2023

Drawing No.: FP-9