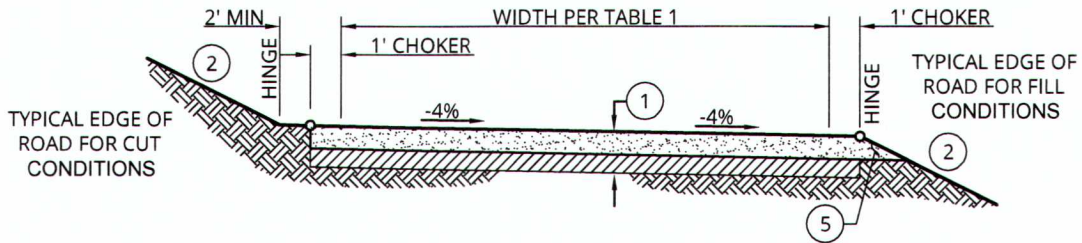


**OPTION 1: GRAVEL ROAD SECTION WITH CROWNED CROSS SLOPE**



**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**

<b>DRIVEWAY WIDTH REQUIREMENTS FOR RESIDENTIAL:</b> 10-FEET MINIMUM WIDTH FOR LENGTHS TO 49-FEET 12-FEET MINIMUM WIDTH FOR LENGTHS 50 TO 200-FEET 16-FEET MINIMUM WIDTH FOR LENGTHS GREATER THAN 200-FEET
<b>DRIVEWAY WIDTH REQUIREMENTS FOR COMMERCIAL:</b> 24-FEET MINIMUM WIDTH, INCLUDING SECONDARY EGRESS 18-FEET MINIMUM WIDTH MAY BE PERMITTED FOR EMERGENCY EGRESS ONLY FIRE LANES PER CFC SECTION 503
<b>ACCESS ROAD WIDTH REQUIREMENTS FOR RESIDENTIAL AND COMMERCIAL:</b> 24-FEET MINIMUM WIDTH WITH NO-PARKING (INCLUDES SECONDARY EGRESS) 8-FEET ADDITIONAL WIDTH REQUIRED PER SIDE WITH PARKING 18-FEET MINIMUM WIDTH MAY BE PERMITTED FOR EMERGENCY EGRESS ONLY FIRE LANES PER CFC SECTION 503

**ADDITIONAL DESIGN CRITERIA:**

1. FOR ROAD LONGITUDINAL SLOPE DESIGN REQUIREMENTS REFER TO DWG FP-9.
2. FOR ROAD HORIZONTAL AND VERTICAL DESIGN REQUIREMENTS REFER TO DWG FP-11.



COUNTY OF SAN LUIS OBISPO FIRE DEPARTMENT / CAL FIRE

**GRAVEL ROAD STANDARD**  
FOR PRIVATE DRIVEWAYS & ACCESS ROADS

Adopted: Aug. 2014	Scale: NTS
Revised: Apr. 2017	Revision No.: 1
Drawing No.:	FP-8