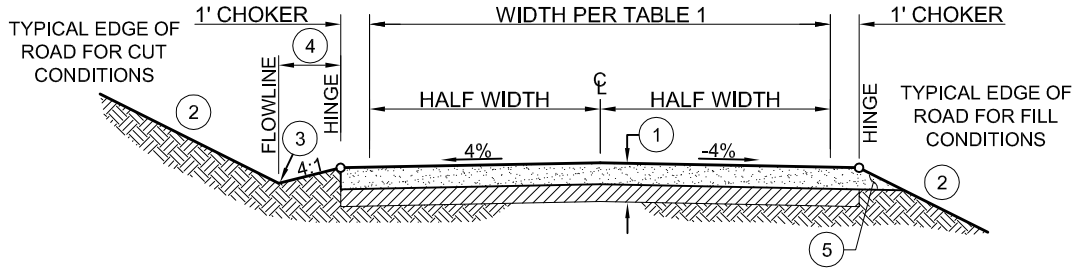
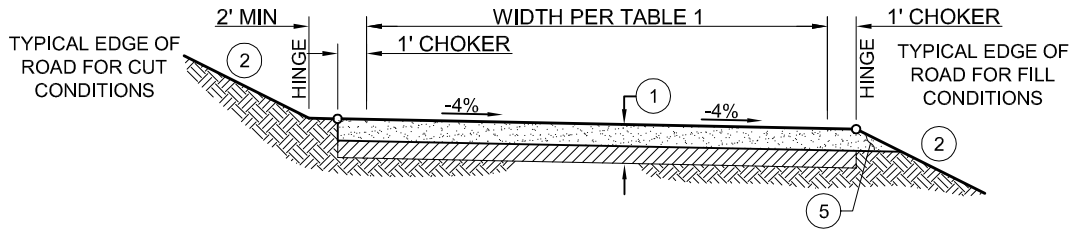


Revisions

Description	Approved	Date	Description	Approved	Date



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



**OPTION 2: GRAVEL ROAD SECTION WITH CONSTANT CROSS SLOPE**

NOTES:

1. TYPICAL SECTION SHALL BE:

- 10" MINIMUM CLASS II AGGREGATE BASE TO 95% RELATIVE COMPACTION FOR R ≥40 & SE=50, 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 SHALL NOT EXCEED 2 HORIZONTAL:1 VERTICAL (OR 3h:1v IN NATIVE SAND).
- 3. ROADSIDE DRAINAGE SHALL 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 SHALL NOT EXCEED 4h:1v. DESIGN AND CONSTRUCTION SHALL BE TO THE SATISFACTION OF THE DEPARTMENT.
- 4. ADDITIONAL WIDTH SHALL BE PROVIDED AS NECESSARY TO ACCOMMODATE FOR ROADSIDE DRAINAGE. DRAINAGE SHALL NOT BE ALLOWED TO ENCROACH WITHIN THE TRAVEL LANE.
- 5. THE AGGREGATE BASE MATERIAL SHALL EXTEND TO THE EDGE OF THE FILL SLOPE (CHOKER) TO ALLOW FOR STRUCTURAL ROAD SECTION DRAINAGE.

**TABLE 1: DRIVEWAY/ACCESS ROAD WIDTH REQUIREMENTS**

<p><b>DRIVEWAY WIDTH REQUIREMENTS (RESIDENTIAL):</b>                      10- FEET MINIMUM WIDTH FOR LENGTHS TO 49- FEET                      12- FEET MINIMUM WIDTH FOR LENGTHS 50 TO 199- FEET                      16- FEET MINIMUM WIDTH FOR LENGTHS GREATER THAN 200- FEET</p>
<p><b>DRIVEWAY WIDTH REQUIREMENTS (COMMERCIAL):</b>                      24- FEET MINIMUM WIDTH - INCLUDES SECONDARY EGRESS                      18- FEET MINIMUM WIDTH FOR EMERGENCY EGRESS</p> <p>FIRE LANES PER CFC SECTION 503</p>
<p><b>ACCESS ROAD WIDTH REQUIREMENTS (RESIDENTIAL):</b>                      18- FEET MINIMUM WIDTH WITH NO- PARKING                      8- FEET ADDITIONAL WIDTH PER SIDE WITH PARKING                      10- FEET MINIMUM WIDTH FOR ONE- WAY (REQUIRES PRIOR DEPARTMENT APPROVAL)</p>
<p><b>ACCESS ROAD WIDTH REQUIREMENTS (COMMERCIAL):</b>                      24- FEET MINIMUM WIDTH WITH NO- PARKING (INCLUDES SECONDARY EGRESS)                      8- FEET ADDITIONAL WIDTH PER SIDE WITH PARKING                      18- FEET MINIMUM WIDTH FOR EMERGENCY EGRESS                      FIRE LANES PER CFC SECTION 503</p>

ADDITIONAL DESIGN CRITERIA:

- 1. ALL WEATHER ROAD STANDARD IS FOR RESIDENTIAL USE ONLY AND NOT ALLOWED IN COMMERCIAL PROJECTS.
- 2. FOR ROAD LONGITUDINAL SLOPE STANDARDS REFER TO FS-2 DRAWING SERIES.
- 3. FOR ROAD HORIZONTAL AND VERTICAL STANDARDS REFER TO FS-3 DRAWING SERIES.



**SAN LUIS OBISPO COUNTY FIRE DEPARTMENT  
 PRIVATE DRIVEWAY & ACCESS ROAD  
 GRAVEL ROAD STANDARD**

Scale: NTS	Adopted: AUG 2014
Fire Safe Drawing No: <b>FS-1</b>	
Sheet No:	1 OF 2