



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

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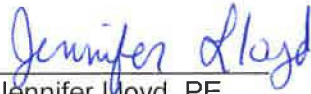
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UPDATED SECTION 3-310.05 - HANDICAP RAMPS

Effective immediately, *Section 3-310.05 - Handicap Ramps* of the Roadway Design Guidelines has been updated. The Roadway Design Guidelines available online does not yet reflect these changes; however, the updated section is attached to this instructional bulletin.


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Civil Engineering Director
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KJL: ARH: VLN
July 7, 2016

3-310.05 CURB RAMPS

Right-of-Way plans for new construction or reconstruction projects shall accommodate the appropriate curb ramp and truncated dome surface details shown on the current standard drawings. Ramps shall be indicated on the Right-of-Way Plans for field review. The curb ramp standard drawings detail various types or layouts of curb ramps that can be used at intersections depending upon the site layout, topography, and right-of-way constraints. Perpendicular curb ramps are the preferred types to be used. Parallel, blended transition, and lowered corner curb ramps are appropriate for areas with right-of-way constraints. Designers should indicate the type ramp to be used at each intersection on the plans. Designers should use the estimated quantities for a 90 degree intersection on a 0.0% grade when calculating quantities for intersections other than 90 degrees or with grades other than 0.0%. Limits of payments for curb ramps are shown on the standard drawings.

Truncated domes shall be used with all curb ramps at all street and high traffic commercial driveway crossings. Curb ramps shall contain a detectable warning surface that consists of raised truncated domes and be "YELLOW" in color.

Accessible pedestrian signals and pedestrian pushbuttons complying with sections 4E.08 through 4E.13 of the MUTCD shall be used at locations where curb ramps are added to an existing pedestrian street crossing at a signalized intersection. When curb ramps are added to an existing pedestrian street crossing at a non-signalized intersection, pedestrian accident history shall be evaluated to determine if accessible pedestrian signals and pedestrian pushbuttons should be included in to the scope of the project. Refer to the RP-H-Series Standard Drawings for details.