



**ENGINEERING & OPERATIONS**

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**TRANSPORTATION TECHNICAL MANUAL (TTM) BULLETIN 23-02**

**TRANSPORTATION DESIGN MANUAL BULLETIN 23-02**

**DATE:** December 21, 2022

**TO:** County Director of Engineering & Operations Department,  
County Director of Capital Programs Department,  
County Manager of Construction Services,  
County Director of Transportation Maintenance Division,  
County Project Managers, and Project Engineers of Record

**FROM:** County Engineer,  
County Director of Technical Services Division

**COPIES:** County Director of Performance Data and Analytics Department

**SUBJECT: SIDEWALK CONFIGURATION FOR LOCAL ROADS**

This bulletin implements sidewalk configuration design guidelines for Hillsborough County local roads.

**REQUIREMENTS**

All proposed sidewalks on local roads are to have an Americans with Disabilities Act (ADA) compliant pedestrian ramps connecting the pedestrian path to the crossing road. Curbs will be designed according to Florida Department of Transportation (FDOT) Standard Plans Index 522-002 so that the slope from the gutter line to the back of curb matches the slope of the ramp. The curb slope and the ramp slope must not exceed 1:12. The sidewalk ramps must be oriented so the centerline of the pedestrian ramp is perpendicular to the road traversed. Ramps angled at 45 degrees into the intersection will not be allowed.

The pedestrian crossing must also occur between the stop sign and the edge of pavement on the intersecting road.

Index PRC-001, attached as Page 3, is provided to illustrate sidewalk curb ramp configurations at "4-Leg" intersections and "3-Leg" intersections.

**BACKGROUND**

Local roads in subdivision projects were sometimes constructed so the sidewalk facilities followed the roadway around intersection radii without providing proper connectivity for pedestrians to cross the adjacent streets. Pedestrian ramps were frequently oriented at 45 degrees directing

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pedestrians towards the center of the intersection. The intent of this bulletin is to provide safer, user friendly standardized pedestrian crossings on local roads.

**IMPLEMENTATION**

Implementation is the date of the County Engineer’s signature.

**CONTACT**

Please use the email link below to address any questions or comments in reference to this Design Bulletin:

[PW-Standards Inquiry](#)

Recommended / Date:

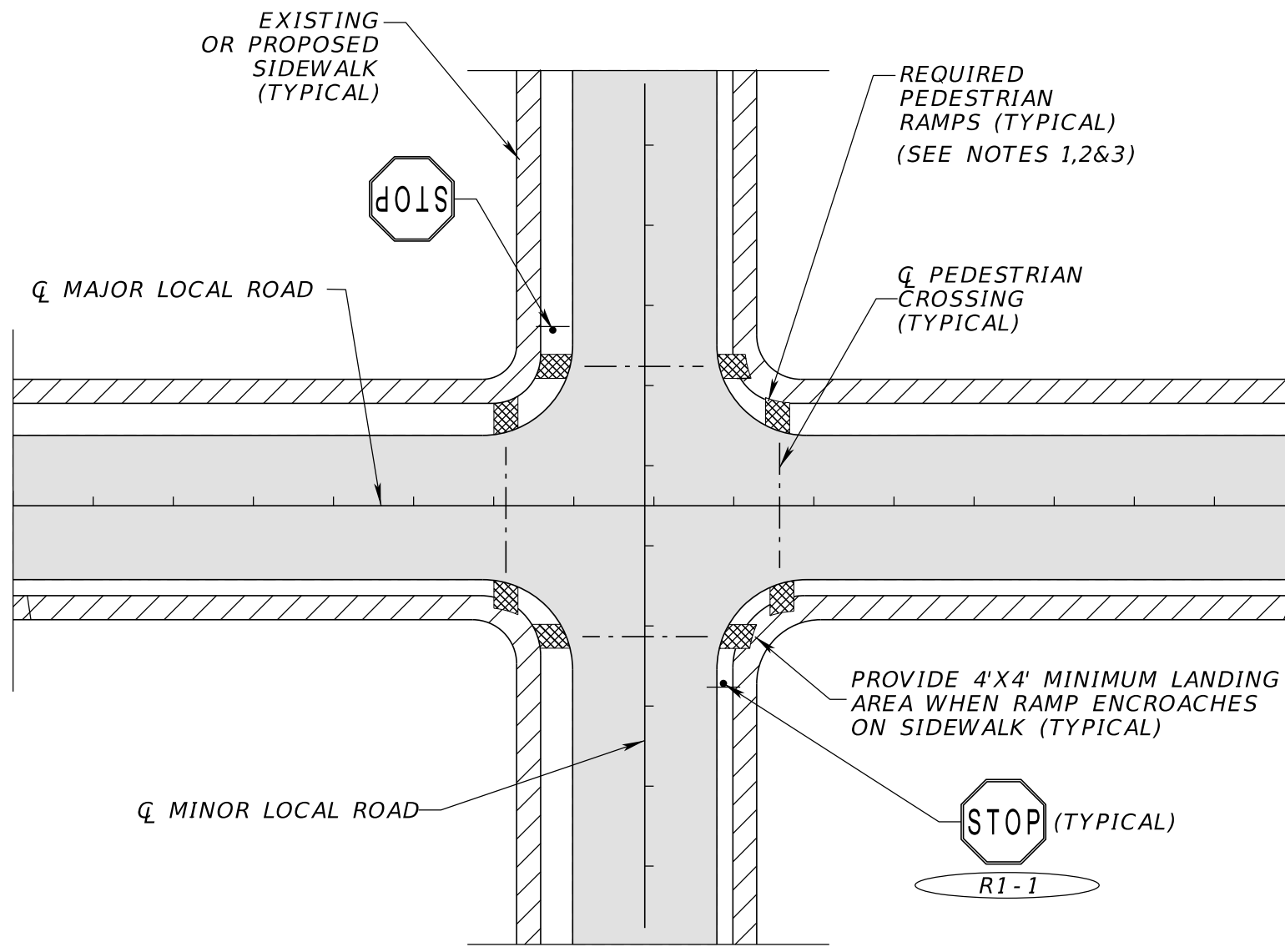
Approved / Effective Date:

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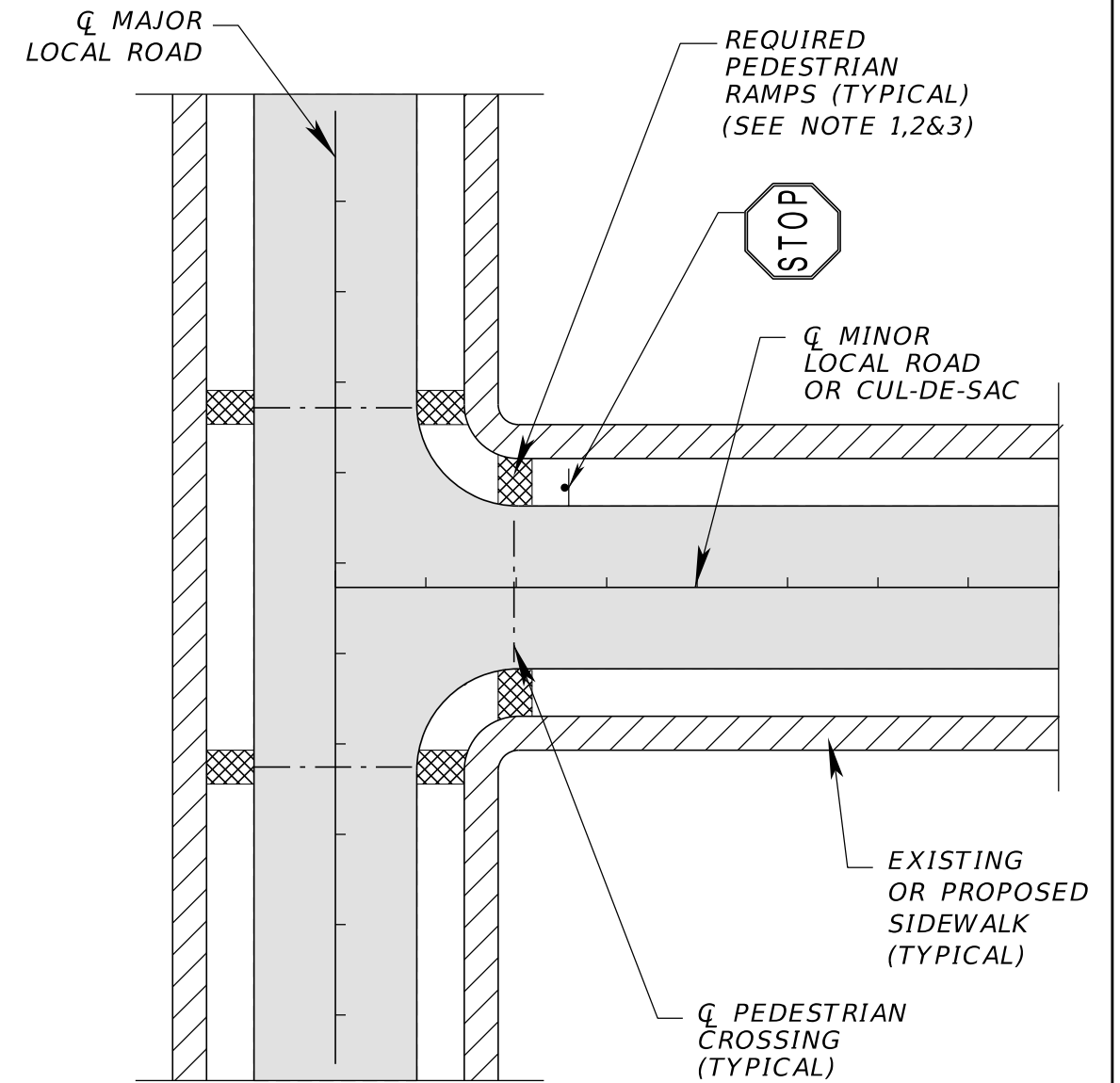
Leland Dicus, Professional Engineer  
Technical Services Division Director

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Michael J. Williams, Professional Engineer  
County Engineer



**4-LEG INTERSECTION**  
NOT TO SCALE



**3-LEG INTERSECTION**  
NOT TO SCALE

**NOTES:**

1. PEDESTRIAN RAMPS MUST BE COMPLIANT WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
2. THE SIDEWALK RAMPS MUST BE ORIENTED SO THAT THE PEDESTRIAN CROSSING CENTERLINE IS PARALLEL TO THE ADJACENT ROAD.
3. SIDEWALK CURB RAMPS MUST BE SEPARATED SO THAT THE DETECTABLE WARNINGS ARE INDEPENDENT OF EACH OTHER AND DO NOT OVERLAP.

LAST REVISION	REVISION	DESCRIPTION	ORIGINAL SIGNED AND SEALED DOCUMENTS ARE RETAINED IN THE HILLSBOROUGH COUNTY ARCHIVE FILES		<b>PEDESTRIAN RAMP CONFIGURATION FOR LOCAL ROADS</b>	INDEX PRC-001	SHEET 1 of 1
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