

9.03 Raised Pavement Markers

To: Department of Public Service, Division of Planning and Operations, City of Columbus, Ohio

Date: January 10, 2023

Subject: Street Selection for Raised Pavement Markers

Category: Traffic

1 Purpose

The purpose of this policy is to establish procedures for street selection for the installation of Raised Pavement Markers (hereafter referred to as RPMs) on all City projects.

2 Background

RPMs are a special form of pavement markings described in OHIO MANUAL of TRAFFIC CONTROL DEVICES (OMUTCD) Sections 3B.11 through 3B.14. Plowable RPMs were developed for use in states that typically have to deal with snow. City of Columbus CMS Item 621 and 721 establish the specifications for RMPs.

As noted in OMUTCD Sections 3B.12 through 3B.14, RPMs may be used as positioning guides or to supplement or substitute for the standard pavement markings. The City's program uses them as supplements for standard pavement markings.

3 Applicability

This policy shall be applicable to all projects in the City of Columbus, regardless of the owner, developer, City Agency, or funding source.

4 Effective Date

This policy shall be effective 01/01/2023, regardless of funding source and shall supersede all previous applicable policies and standards. This policy shall apply to all city owned and maintained roadways.

5 Projects In Design

All plans that have not received stage 2 comments prior to the effective date of this policy shall be subject to the full requirements of this policy regardless of date submitted.

6 Guidelines and Placement Standards

RPM.s shall be included in all city construction and maintenance projects with pavement markings as per ODOT TC-65.11 with the following exceptions.

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- A. Permanent plowable RPM.s shall be installed on all city owned and maintained roadways with pavement markings except for the following:
 - 1. Residential streets.
 - 2. Roadways with traffic volume of less than 2500 vehicles per day.
 - 3. Downtown business district.
 - 4. Pavement surfaces with a maximum life expectancy of four years or less.
 - 5. White edge line RPMs shall not be installed adjacent to curb even if edge line exists.
 - 6. Streets with adequate roadway lighting (not including freeways/highways)
 - 7. Where isolated centerline extends less than 500'
 - 8. RPMs shall not be placed in the circulatory area of roundabouts.

- B. Temporary RPMs will only be installed if specified in the maintenance of traffic roadway plans general notes or as directed by project engineer.

