

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT				1. Contract Number		Page of Pages	
				DCKA-2026-B-0093		1 24	
2. Amendment/Modification Number		3. Effective Date		4. Requisition/Purchase Request No.		5. Solicitation Caption	
Amendment No. 2		See Box 16C				NHS Federal Aid Pavement Restoration NHPP Streets	
6. Issued by: District Department of Transportation Office of Contracting and Procurement 250 M Street SE – Suite 700 Washington, DC 20003				7. Administered by (If other than line 6) Operations Administration District Department of Transportation 250 M Street SE, Suite 700 Washington, DC 20003			
8. Name and Address of Contractor (No. street, city, county, state and zip code) TO ALL PROSPECTIVE OFFERORS				9A. Amendment of Solicitation No. DCKA-2026-B-0093			
				X 9B. Dated (See Item 11) May 7, 2026			
				10A. Modification of Contractor/Order No.			
				10B. Dated (See Item 13)			
Code		Facility					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
☒ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☒ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) BY separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting and Appropriation Data (If Required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS , IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14							
A. This change order is issued pursuant to (Specify Authority): 27 DCMR, Chapter 36, Section 3601.2(b) The changes set forth in Item 14 are made in the contract/order no. in item 10A.							
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data etc.) set forth in item 14, pursuant to the authority of:							
C. This supplemental agreement is entered into pursuant to authority of 27 DCMR 3601.2 Change Clause, 27 DCMR 2005.6(d) as amended							
D. Other (Specify type of modification and authority) Paragraph 15, Changes, Standard Contract Provisions							
E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return one (1) copy to the issuing office.							
14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)							
Solicitation No.: DCKA-2026-B-0093 is hereby amended as follows: 1. The following items in Section J.12 have been updated below: • Item 11. RESERVED • Item 23. MOBILIZATION – ITEM 108002: ○ The first sentence of the paragraph had duplicate lines, one of them has been deleted. “This SP supplements Standard Specifications Section 108.04 Mobilization.”							
Except as provided herein, all terms and conditions of the document is referenced in Item 9A or 10A remain unchanged and in full force and effect.							
15A. Name and Title of Signer (Type or print)				16A. Name of Contracting Officer			
				Louis Brown Deputy Chief Contracting Officer			
15B. Name of Contractor		15C. Date Signed		16B. District of Columbia		16C. Date Signed	
(Signature of person authorized to sign)				<i>Louis M Brown</i> (Signature of Contracting Officer)		05/07/2026	

- **Item 32. MANHOLES – ITEMS 311002, 311004, 311025, 311027, 311029:**

- The following paragraph has been added to the end of this section:

“All manhole items shall include all labor, materials, tools, equipment, site preparation, disposal, and all other incidentals necessary to complete the Work.”

****Please note: This paragraph does not alter existing utility-owner requirements or approvals referenced earlier in this section****

- **Item 40. PAVEMENT PROFILING (MILLING) – ITEM 410002:**

- The following correction has been updated for the misspelled word from “PROFOFILING” to “PROFILING.”

- **Item 49. REPAIR/REPLACE NPS BLOCK PAVERS – ITEM 605045:**

- This entire section has been updated to reflect the changes shown below:

“DESCRIPTION

Work consists of repair/replacement of sidewalks commonly located along Pennsylvania Ave NW between 3rd St NW and 15th St NW, composed of clay pavers and pressed concrete pavers, set on a sand cement bedding, on PCC base. Joints between pavers shall be filled with a sand cement mix. The exact pattern, paver size, color, and construction details shall match the existing sidewalk pavers. The pavers will be supplied by NPS and shall not be procured by the contractor.

MEASURE AND PAYMENT

The unit of measure shall be square yard. Payment shall be made at the contract unit price per square yard, which payment shall include placing all materials including the paver, other materials, all labor, tools, equipment, and incidentals necessary for placement of pavers.”

- **Item 50. POROUS FLEXIBLE PAVING – ITEMS 605051, 605053, 605055, 605057:**

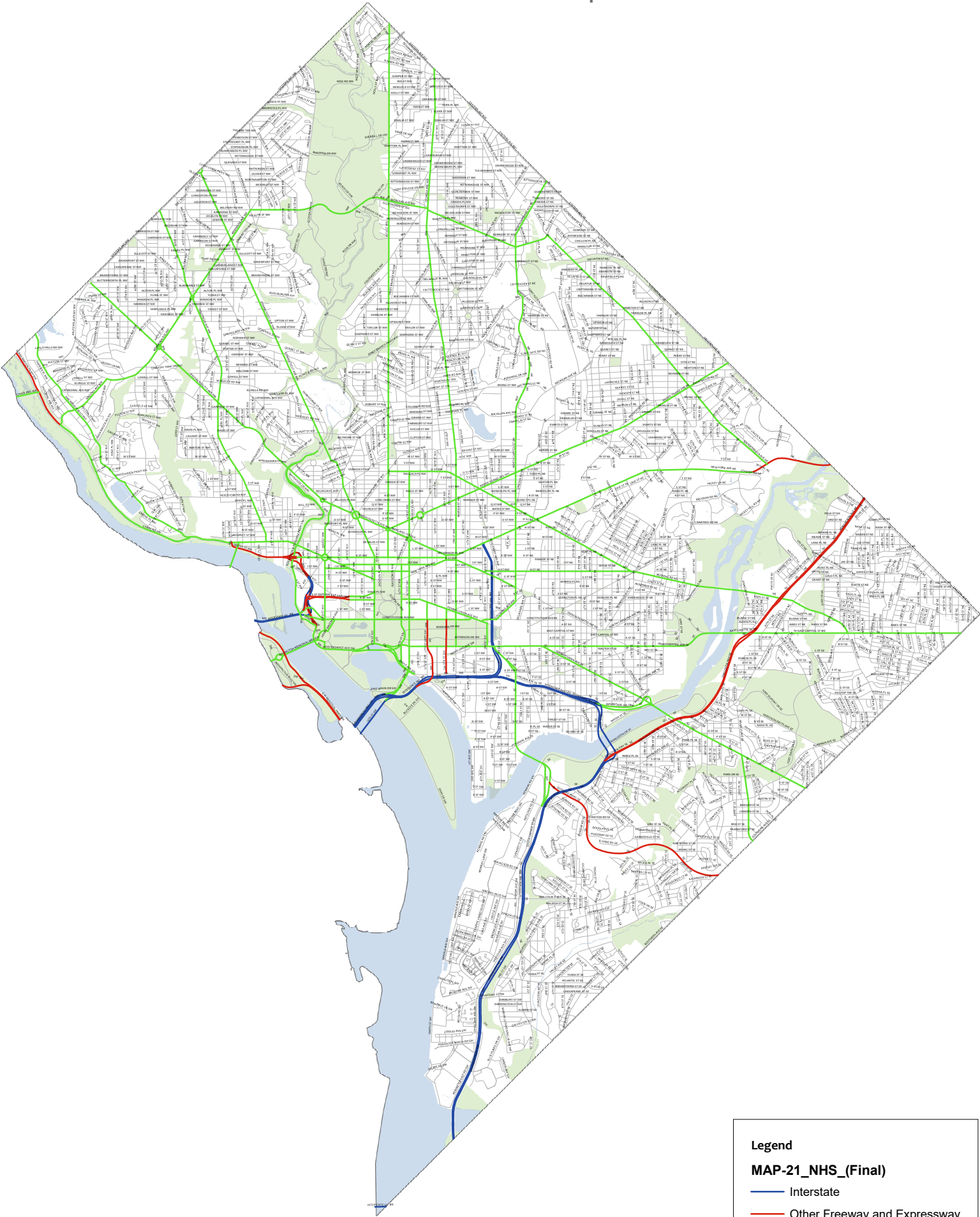
- The first sentence in the “WARRANTY” paragraph has been updated from “**The manufacturer shall provide 5 years warranty covering materials and the workmanship Installations**” to “**The manufacturer shall provide 2 years warranty covering materials and the workmanship installations.**”

- **Items 62, 64, 66, 68:**
 - The phrase “see appendix” has been removed in all these sections.
- **Item 76. EQUIPMENT – TRUCK MOUNTED ATTENUATOR:**
 - The item description in the “TRUCK MOUNTED ATTENUATOR” paragraph has been replaced with the following description below:

"The impact attenuator must be MASH compliant and mounted on an appropriate host vehicle. The vehicle must include an operator and be in compliance with all safety requirements. The intended use of this item is for when the CA and project team need to investigate something in a high-speed area and need to be protected from traffic, but no work is being done."
- **Item 78. APPENDICES:**
 - Attachments have been inserted in this section.

All other terms and conditions remain unchanged.

Expanded MAP-21 NHS



Legend

MAP-21_NHS_(Final)

- Interstate
- Other Freeway and Expressway
- Principal Arterial

MEMORANDUM OF UNDERSTANDING
BETWEEN THE
DISTRICT DEPARTMENT OF TRANSPORTATION



AND THE
POTOMAC ELECTRIC POWER COMPANY



An Exelon Company

FOR THE
ADJUSTMENT OF MANHOLE FRAMES AND COVERS

2018

**AGREEMENT
BETWEEN THE
DISTRICT DEPARTMENT OF TRANSPORTATION
AND THE PEPCO FOR THE
ADJUSTMENT OF MANHOLE FRAMES AND COVERS**

I. INTRODUCTION

This Agreement ("Agreement") is entered into between the District Department of Transportation ("DDOT") and Potomac Electric Power Company ("Pepco"), individually referred to as the "Party" or collectively referred to herein as the "Parties."

II. OVERVIEW AND PROGRAM GOALS AND OBJECTIVES

DDOT often needs to make minor adjustments to Pepco manhole frames & covers during its Asset Management Division pavement and sidewalk restoration activities. Currently a large coordination effort is needed between the parties in order for adjustments to be made. This agreement will simplify the coordination of adjustments by having DDOT take responsibility for the adjustments and costs.

III. SCOPE OF SERVICES

Pursuant to the applicable authorities and in furtherance of the shared goals of the Parties to carry out the purposes of this Agreement expeditiously and economically, the Parties do hereby agree:

A. RESPONSIBILITIES OF DDOT

DDOT shall within the limits of its resurfacing projects:

1. Perform any necessary replacements or adjustments of the manhole frames and covers.
 - a. Raising frames will typically require exposing of frame and removal of chimney, followed by pouring a concrete form to proper height so as to reset chimney and frame to proper grade.
 - b. Lowering frames will typically require exposing of frame and removal of portion of chimney to provide proper grade. Concrete forming may also be required here as well. Note chimney height should be no more than 24" upon completion of work, to ensure that ceiling to surface height for the manhole is no more than 36".
 - c. Where frames are found to be sitting on the manhole roof directly, contact Pepco and do not touch; these cannot be lowered.
 - d. Any manhole frames/covers observed to be less than 28" (typically 24") must be replaced with 28" standard Pepco frame/cover for adherence to our standards & specifications, and to adhere to safety requirements.

2. Perform all work to Pepco's standards & specifications.
3. Perform all work to all applicable OSHA standards & specifications.
4. Return all existing frames & covers removed in accordance with this agreement to Pepco.
5. Utilize a contractor from Pepco's approved contractor list; the list is to be included with this Agreement and updated periodically to include newly added/removed contractors. Note that DDOT contractors will have the right to subcontract this work to those on Pepco's approved contractor list.
6. Provide notification to Pepco prior to any work being done to a manhole.
7. Record the date and location of the adjusted or newly installed manhole frame/cover on a spreadsheet provided to Pepco monthly.
8. Accept maintenance responsibilities for a period of one year from the day of installation of final surface surrounding the adjusted manhole.

B. RESPONSIBILITIES OF PEPSCO

Pepco shall within the limits of a DDOT resurfacing project:

1. Allow DDOT to make minor adjustments to Pepco owned manhole frames & covers as indicated in Section III, Part A, item 1 above.
2. Provide DDOT the list of approved contractors and any subsequent revisions to the list as indicated in Section III, Part A, item 5 above.
3. Accept maintenance responsibilities after one year from the day of installation of final surface surrounding the adjusted manhole.

IV. DURATION OF AGREEMENT

- A. The period of this Agreement shall be from the date that the last signature is affixed hereto and shall not expire, unless terminated in writing by either Party pursuant to Section XI.

V. AUTHORITY FOR AGREEMENT

- A. DDOT is authorized to enter into this Agreement pursuant to D.C. Official Code §§10-1141.03 and 50-921.01 *et seq.*

VI. FUNDING PROVISIONS

- A. DDOT will bear all costs related to replacing or adjusting of the manhole frames and covers.

VII. ANTI-DEFICIENCY CONSIDERATIONS

The Parties acknowledge and agree that their respective obligations to fulfill financial obligations of any kind pursuant to any and all provisions of this Agreement, or any subsequent agreement entered into by the parties pursuant to this Agreement, are and shall remain subject to the provisions of the following: (1) the federal Anti-Deficiency Act, 31 U.S.C. §§1341, 1342, 1349, 1351; (2) the District of Columbia Anti-Deficiency Act, D.C. Official Code §§ 47-355.01-355.08; (3) D.C. Official Code § 47-105; and (4) D.C. Official Code § 1-204.46, as the foregoing statutes may be amended from time to time, regardless of whether a particular obligation has been expressly so conditioned.

VIII. COMPLIANCE AND MONITORING

As this work ultimately remains the responsibility of Pepco, DDOT will be subject to monitoring and review to ensure compliance with all applicable requirements. DDOT shall notify Pepco upon completion of their work to allow for post-construction QA/QC checks of any adjusted frames/covers.

IX. RECORDS AND REPORTS

DDOT shall maintain records and receipts for the expenditure of all funds provided for a period of no less than three (3) years from the date of expiration or termination of the Agreement and, upon the Pepco's request, make these documents available for inspection by duly authorized representatives of Pepco and other officials as may be specified by Pepco at its sole discretion.

X. CONFIDENTIAL INFORMATION

The Parties to this Agreement will use, restrict, safeguard and dispose of all information related to services provided by this Agreement, in accordance with all relevant federal and local statutes, regulations and policies. Information received by either Party in the performance of responsibilities with the performance of this Agreement shall remain the property of the originating party. To the extent that one Party to this Agreement believes that it is submitting confidential information, it is the responsibility of that Party to identify any such information as confidential in writing.

XI. TERMINATION

Either Party may terminate this Agreement in whole or in part by giving 90 calendar days advance written notice to the other Party.

XII. NOTICE

The following individuals are the contact points for each party under this Agreement:

For Pepco: David Call
Mgr. Regional Electric Operations, NERC
PEPCO UG Maintenance & Construction
3400 Benning Road NE
Washington, DC 20019-1599
202-388-2180 (phone)
202-388-2721 (fax)
dscall@pepco.com

For DDOT: Andrew Kaufmann
Program Manager
District Department of Transportation
55 M Street, SE – Suite 400
Washington, DC 20003
202-671-0606 (phone)
202-787-4478 (fax)
andrew.kaufmann@dc.gov

Such persons may designate other officials to work on specific aspects of their respective responsibilities under this Agreement. In the event that a Party appoints a new key contact person for purposes of this Agreement, the other Party shall be notified within ten (10) business days of such appointment.

XIII. MODIFICATIONS

The terms and conditions of this Agreement may be modified only upon prior written agreement by the Parties.

XIV. PROCUREMENT PRACTICES ACT

If a District of Columbia agency or instrumentality plans to utilize the goods or services of an agent or third party (e.g., contractor, consultant) to provide any of the goods or services specified under this Agreement, then the agency or instrumentality shall abide by the provisions of the District of Columbia Procurement Practices Act of 1985 (D.C. Official Code § 2-301.01 *et seq.*) to procure the goods or services of the agent or third party.

XV. DISPUTE RESOLUTION

The Parties shall resolve adjustments and/or disputes arising from services between agencies under this Agreement, with the following procedures:

- A. The Parties will make every effort to resolve any disputes concerning this Agreement at the staff level;
- B. In the event that the Parties' staff are unable to resolve a dispute, either Party may raise the matter to the Director of DDOT and the General Manager of Pepco for resolution within thirty (30) days; and
- C. If the DDOT Director and Pepco General Manager are unable to resolve the dispute, the aggrieved Party may invoke the Termination procedures.

XVI. GOVERNING LAW

The validity, scope and performance of this Agreement will be governed by the laws of the District of Columbia.

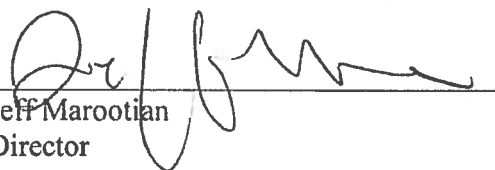
XVII. MISCELLANEOUS

The Parties shall comply with all applicable laws, rules and regulations whether now in force or hereafter enacted or promulgated.

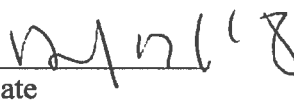
[Signatures on the following page]

In WITNESS WHEREOF, the Parties hereto have signed this Agreement as of the day and year written below.

For the District Department of Transportation:

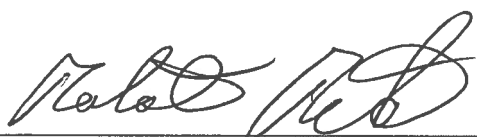


Jeff Marootian
Director

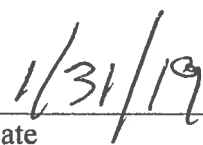


Date

For Pepco:



Robert Pinto
Director, Regional Electric Operations



Date

APPENDIX

Pepco Distribution Standards Conduit Index

Name	Revision Date	Title
2-2-1447.pdf	10/11/2016	FIBERGLASS CONDUIT INSTALLATION UNDER STEEL GIRDER BRIDGE
SECTION 4 - CONDUIT BRIDGE CROSSING	2/23/2009	SECTION 4 - CONDUIT BRIDGE CROSSINGS (4-2-1642)
1100.PDF	6/2/2016	Duct Line Configuration
0689 1.2.pdf	1/26/2009	PRECAST ROADWAY ROOF FOR 4'-0" X 4'-0" MANHOLE
0718.pdf	2/10/2016	PRECAST ROADWAY ROOF FOR 4'-6" X 6'-0" MANHOLE
1123-1.2.pdf	2/25/2009	3'-0" X 3'-0" MANHOLE PRECAST ROOF SIDEWALK TYPE
1141.pdf	9/1/2015	PRECAST ROADWAY ROOF FOR 6' X 6' MANHOLE
1143.pdf	10/8/2015	PRECAST ROADWAY ROOF FOR 6'-0" X 8'-0" MANHOLE
1145.pdf	9/1/2015	PRECAST SIDEWALK ROOF FLUSH TYPE FOR 4' X 4' MANHOLE
1146.pdf	10/29/2008	PRECAST SIDEWALK ROOF FLUSH TYPE FOR 4'-6" X 6' MANHOLE
1176.pdf	9/2/2015	1'-6" X 6'-10" SDWK ROOF SLAB
1177.pdf	8/23/2015	2'-0" X 6'-10" SDWK. ROOF SLAB
1178.pdf	9/2/2015	3'-6" X 6'-10" SDWK. ROOF SLAB
1179.pdf	9/2/2015	3'-6" X 6'-10" SDWK. ROOF SLAB WITH 4' DOOR GRATING
1181.pdf	9/2/2015	4'-6 X 6'- 10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLE
1184.pdf	10/5/2015	FRAMES FOR FLUSH TYPE MANHOLE ROOFS
1186.pdf	10/5/2015	3'-6" X 6'-10" SIDEWALK ROOF SLAB WITH 28" COVER OPENING
1327.pdf	3/22/2016	4'-0" X 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES
1386-1.2.pdf	8/26/2015	SPACERS FOR SDWK AND RDWY MH REMOVABLE ROOFS.
1435 Conduit Section 9.pdf	1/2/2016	Overview
0333 1.6.pdf	6/1/2015	6'-0" X 14'-0" MANHOLE (CAST IN PLACE)
0401 1.2.pdf	10/15/2008	3'-0" X 3'-0" HANDHOLE (CAST IN PLACE)
0418 1.6.pdf	2/10/2016	6'-0" X 12'-0" MANHOLE (CAST IN PLACE)
0709.pdf	8/26/2015	4'-6" X 6'-0" MANHOLE
0714 1-3.pdf	9/28/2007	6'-0" X 10'-0" MANHOLE
1095 1-1.pdf	10/7/2008	EXTENSION - 24" X 24" X 6" PRECAST MANHOLE
1117 1.1.pdf	10/29/2008	6" DEEP PRECAST M.H. RINGS 3'-0" X 3'-0" MANHOLE
1122 1.2.pdf	9/1/2015	3'-0" X 3'-0" PRECAST HANDHOLE
1148.1.3.pdf	10/29/2008	6'-0" X 8'-0" MANHOLE
1149.1.5.pdf	9/1/2015	6'-0" X 16'-0" MANHOLE (CAST IN PLACE)
1151-1.5.pdf	10/7/2015	6'-0" X 20'-0" MANHOLE (CAST IN PLACE)
1156.1.4.pdf	3/15/2016	6'-0" X 22'-0" MANHOLE (CAST IN PLACE)
1169-1.5.pdf	9/1/2015	6'-0" X 18'-0" MANHOLE (CAST IN PLACE)
1434 Conduit Section 8.pdf	1/2/2016	Overview
0468.pdf	10/7/2015	BUILT- UP METHOD FOR FIBERGLASS AND PVC CONDUIT
0471.pdf	8/26/2015	PRECAST CONCRETE COLLAR FOR U.G. TO O.H. CONNECTION
0480.pdf	8/26/2015	PVC & FIBERGLASS CONCRETE ENCASEMENT
0722.pdf	9/1/2015	POLE RISER SHIELD UG TO OH CONNECTION ASSEMBLY
0727.pdf	9/1/2015	POLE RISER SHIELD U.G. TO O.H. CONNECTION ASSEMBLY CONSTRUCTION
0959.pdf	10/7/2015	SECONDARY UNDERGROUND SERVICE TO HAZARDOUS LOCATIONS
1099.pdf	10/7/2015	DUCT TRANSPOSITION SEQUENCE
1365.pdf	11/30/2011	CONDUIT STOCK LIST
1428 CONDUIT SECTION 3.pdf	8/30/2016	CONDUIT CONSTRUCTION AND TRENCHING PRACTICES
1656-1.1.pdf	9/30/1997	NEMA 4 ENCLOSURE FOR SUMP PUMP CONNECTIONS
4-2-1427 CONDUIT SECTION 2.pdf	3/1/1997	Section 2 Conduit Guide
0279.1.2.pdf	8/14/2016	3' X 4' SIDEWALK DOOR GRATING
0445-1.2.pdf	8/26/2015	4'-.5" X 1'-2.5" ROADWAY GRATING
0450-1.2.pdf	3/10/2009	40" SIDEWALK MANHOLE GRATING FOR DOUBLE ACTING COVER FRAME
1163.pdf	9/1/2015	2' X 6'-10" SLAB GRATING FOR ROADWAY MANHOLES
1183.pdf	10/5/2015	2'-0" X 6'-10" SLAB GRATING FOR SIDEWALK MANHOLES
1351-1.1.pdf	4/16/2008	4'-0" X 6'-10" ROADWAY GRATING WITH ACCESS OPENING

1437 Con+B53:D65duit Section 11.pdf	2/1/2016 Overview
2-2-1432 Conduit Preface.pdf	3/1/1997
Conduit Standard Drawing Cross Referer	3/1/1997
Conduit Table of Contents.pdf	3/1/1997
0460.pdf	10/7/2008 METHOD OF SHORING FOR MANHOLE CONSTRUCTION
0461.pdf	10/7/2008 METHOD OF INSTALLING MANHOLE FLOOR
0474.pdf	8/26/2015 METHOD OF INSTALLING MANHOLE FRAME & COVERS
0655.pdf	1/16/2009 TYPICAL BRIDGING FOR 6'-0" X 10'-0" ROADWAY MANHOLE
0730-1.1.pdf	10/9/2008 CONCRETE REQUIRED FOR MANHOLES
0733.pdf	9/1/2015 MANHOLE RECESS
1060-1.1.pdf	10/15/2008 SUMP PIT FOR STANDARD MANHOLE
1096.pdf	10/15/2008 GROUNDING FOR STANDARD MANHOLE
1097-1.1.pdf	10/15/2008 DRAINAGE DUCT BETWEEN ADJACENT MANHOLES
1224-1.1.pdf	10/13/1986 INSERTS FOR PRECAST MANHOLES 6' X 6' - 6' X 22'
1254-1.2.pdf	10/5/2015 BOXPAD INSTALLATION FOR 13kV PADMOUNTED 3-WAY GANG SWITCH
1261-1.1.pdf	5/22/2013 BOXPAD FOR 13kV PADMOUNTED OIL SWITCH
1430 SECTION 6.pdf	2/13/2009 SECTION 6 - MANHOLE CONSTRUCTION SPECIFICATIONS (4-2-1430)
0419 1.2.pdf	10/8/2015 24" HANDHOLE 1-112" ADJUSTING RING
0423 1.3.pdf	10/8/2015 40" MANHOLE COVER FRAME FOR DOUBLE COVER-SIDEWALK TYPE
0424 1.1.pdf	2/20/2008 24" HANDHOLE COVER
0425.pdf	2/20/2008 24" HANDHOLE 2" ADJUSTING
0426 1.1.pdf	2/20/2008 24" HANDHOLE COVER FRAME ROADWAY TYPE
0427 1.2.pdf	10/8/2015 40" MANHOLE COVER FRAME FOR DOUBLE COVER - ROADWAY TYPE
0428 1.2.pdf	2/21/2008 28" MANHOLE COVER RING FRAME SIDEWALK TYPE
0429 1.2.pdf	2/21/2008 28" MANHOLE 1 1/2" ADJUSTING RING FRAME
0430 1.2.pdf	2/21/2008 28" MANHOLE 2" ADJUSTING RING FRAME
0431.pdf	10/8/2015 28" MANHOLE COVER
0432.pdf	6/2/2015 28" MANHOLE COVER FRAME ROADWAY TYPE
0433.1.3.pdf	8/26/2015 28" MANHOLE COVER FRAME SIDEWALK TYPE
0434.pdf	8/26/2015 40" MANHOLE RING COVER
0549 1.2.pdf	2/21/2008 24" HANDHOLE COVER RING TYPE
1081 1.2.pdf	4/11/2002 40" MANHOLE COVER RING FRAME FOR DOUBLE COVER SIDEWALK TYPE
1436.pdf	1/2/2016 Overview
1699 1.2.pdf	2/25/2009 28" VENTED MANHOLE COVER
1366.pdf	2/13/2008 DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION: WHEELCHAIR/BICYCLE RAMP
4-2-1429 Section 5.pdf	2/13/2009 SECTION 5 - RESURFACING GUIDELINES (4-2-1429)
0492.pdf	12/15/2016 STEEL FORM FOR 4'-0" X 4'-0" MANHOLE
0493.pdf	12/15/2016 STEEL FORM FOR 4'-6" X 6'-0" MANHOLE
0495.pdf	12/15/2016 STEEL FORM FOR 6'-0" X 10'-0" MANHOLE
0496.pdf	12/15/2016 STEEL FORM FOR 6'-0" X 14'-0" MANHOLE
0729-1.1.pdf	10/29/2008 SCHEDULE OF FABRICATED WALER FRAMING
1171.pdf	12/15/2016 STEEL FORM FOR 6'-0" X 12'-0" MANHOLE
1172.pdf	12/15/2016 STEEL FORM FOR 6'-0" X 16'-0" MANHOLE
1173.pdf	12/15/2016 STEEL FORM FOR 6'-0" X 18'-0" MANHOLE
1174.pdf	12/15/2016 STEEL FORM FOR 6'-0" X 20'-0" MANHOLE
1175.PDF	9/2/2015 STEEL FORM FOR 6'-0" X 22'-0" MANHOLE
1192.pdf	12/15/2016 STEEL FORM FOR 6'-0" X 6'-0" MANHOLE
STEEL FORMS FOR MANHOLES - Conduit!	1/1/2010 Overview
0489.pdf	12/21/2005 NO. 20 STREET LIGHT POST FOUNDATION DETAIL
1695.1.3.pdf	4/22/2014 STREET LIGHT & SECONDARY SPLICE BOXES
4-2-14-- Conduit Section 12.pdf	1/2/2016 Overview

**PEPCO APPROVED CONTRACTORS (Public Space)
CONDUIT AND MANHOLES - October 2018**

**CONTRACTORS APPROVED TO BUILD
AROUND ENERGIZED LINES/CABLE**

Page 1 of 2

Allstar Utility Company

8001 Parston Drive
District Heights, MD 20747

240-691-6657

Contact: Ken Payne
kp.allstar@verizon.net

Utility Systems C&E, LLC

12216 Parklawn Dr, Suite 200
Rockville, MD 20852

301-610-9194

Contact: Michael R. Niakani
michael@utilitysystems.com

Flippo Construction Company, Inc.

3820 Penn-Belt Place
Forestville, Maryland 20747

301-967-6800

Contact: Mike Ramundo
estimating@flippo.com

B. Frank Joy

5355 Kilmer Place
Hyattsville, Maryland 20781

301-699-6028 / 301-699-6000

Contact: Mike Roche
mroche@bfjoy.com

R. B. Hinkle Construction, Inc.

21595 Cedar Lane, Unit 6
Sterling, Virginia 20166

703-430-0200

Contact: Pedro Hernandez
pedrohernandez@rbhinkle.com

C. W. Wright Construction Company

11500 Ironbridge Road
Chester, Virginia 23831

410-247-0220

Contact: Larry Young
larry_young@cwwright.com

Anchor Construction

2254 25th Pl. N.E.
Washington, DC 20018

202-269-6694 / 202-529-3144

Contact: Jim Bieber
jbieber@anchorconst.com

CW and Sons, Infrastructure Inc.

15100-C Buck Ln
Upper Marlboro, MD 20772

443-404-8664
301-850-1734 (Fax)

Contact: Matt Fry
mfrv@cwsons.com

Fort Myer Const.

2237 33rd St. N.E.
Washington, DC 20018

Contact: Michael Holland

**PEPCO APPROVED CONTRACTORS (Public Space)
CONDUIT AND MANHOLES - October 2018**

202-636-9535 ext. 2318

mholland@fortmyer.com

Dynamic Concepts, Inc.

1730 17th St, N.E.
Washington, DC 20002

Contact: Alfonso Gabrielle
galfonso@dcihq.com

202-944-8787
(202) 944-3983 – Fax

Stealth Construction

100 M St, S.E.
Washington, DC 20003

Contact: Oscar Rivera
oscar@stealthconstruction.com

844-478-3258

**PEPCO APPROVED CONTRACTORS (Public Space)
CONDUIT AND MANHOLES - October 2018**

**CONTRACTORS APPROVED TO BUILD
AROUND NON-ENERGIZED LINES/CABLE**

Page 2 of 2

Manna, Inc.

828 Evarts Street, NE
Washington, DC 20018

202-832-1845
202-832-1870 (Fax)

Contact: Robert Lynch
rlynch@mannadc.org

M & L Contractors, Inc.

15530 Candy Hill Road
Upper Marlboro, MD 20772

301-579-9400
301-579-9402 (Fax)

Contact: Lynn Virgin
Cell Phone # - No Email
301-758-9295

National Cable Construction, Inc.

43720 Trade Center Place, #115
Sterling, VA 20166

703-318-8401
703-318-7553 (Fax)

Contact: Leisa Priddy
lpriddy@natcable.com

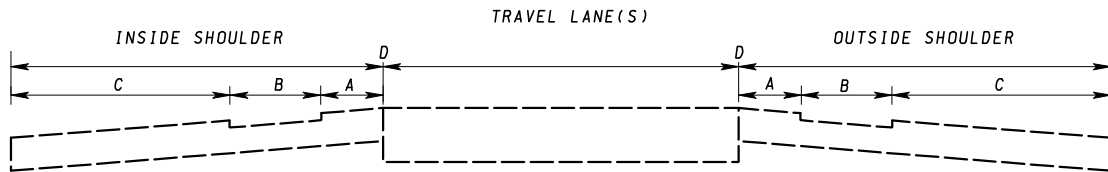
Kalos Construction Company, Inc.

325 Vine Street, NW
Washington, DC 20012

202-291-8780
202-291-8879 (Fax)

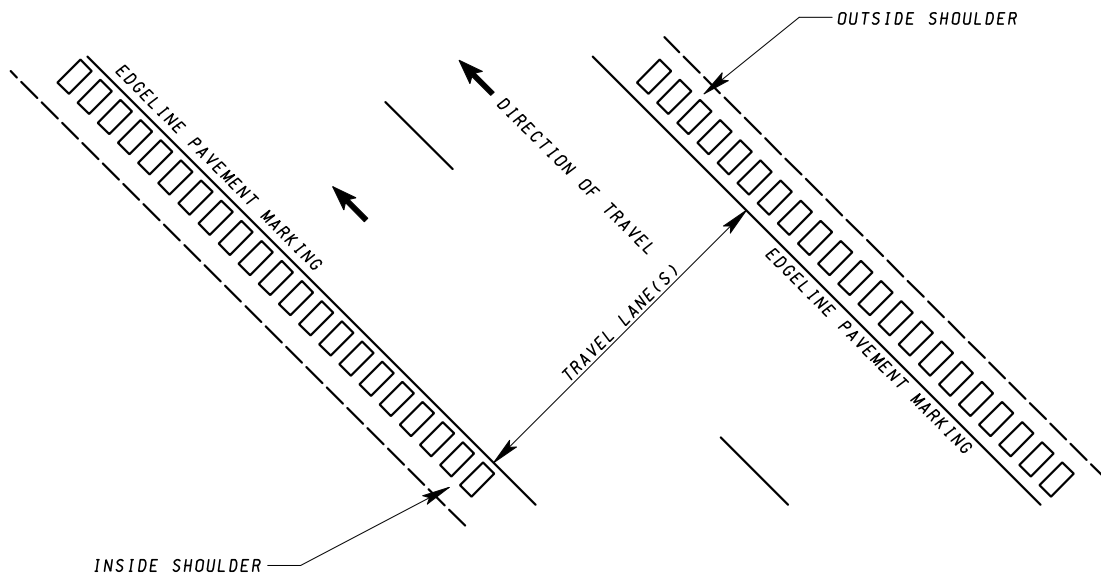
Contact: Stephen Branson
sqbranson@kalosconstruction.com

MD-670 Rumble Strips



CROSS-SECTION VIEW – INTERSTATES AND EXPRESSWAYS

- A. 6" TO 12", OFFSET FROM PAVEMENT MARKING OR PAVEMENT JOINT TO EDGE OF RUMBLE STRIP. REFER TO STANDARDS FOR DETAILS.
- B. RUMBLE STRIP WIDTH. REFER TO STANDARDS FOR DETAILS.
- C. OFFSET FROM RUMBLE STRIPE TO EDGE OF SHOULDER/PAVEMENT. REFER TO STANDARDS FOR DETAILS.
- D. EDGELINE OR PAVEMENT JOINT.



PLAN VIEW – INTERSTATES AND EXPRESSWAYS

NOTES

1. THE RUMBLE STRIPS ARE FOR USE ON NEW OR EXISTING ASPHALT OR CONCRETE SHOULDERS. THE PATTERN IS DESIGNED SO THAT IT CAN BE MILLED OR GROUND INTO THE SHOULDER. SEE SPECIFICATIONS.
2. THE LEADING EDGE OF A RUMBLE STRIP SHOULD NOT BE CLOSER THAN 6" TO ANY JOINT, TRANSVERSE OR LONGITUDINAL, IN CONCRETE SHOULDERS.

SPECIFICATION 610	CATEGORY CODE ITEMS
APPROVED	<i>Raff</i> DIRECTOR – OFFICE OF HIGHWAY DEVELOPMENT
	APPROVAL • SHA REVISIONS
	APPROVAL 2-10-04
	REVISED 5-23-17
	REVISED
	REVISED
	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 3-31-04
	REVISED 4-14-17
	REVISED
	REVISED

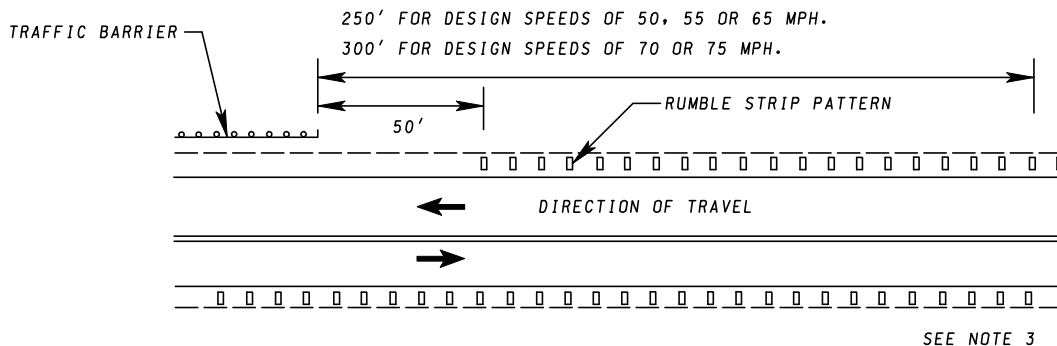
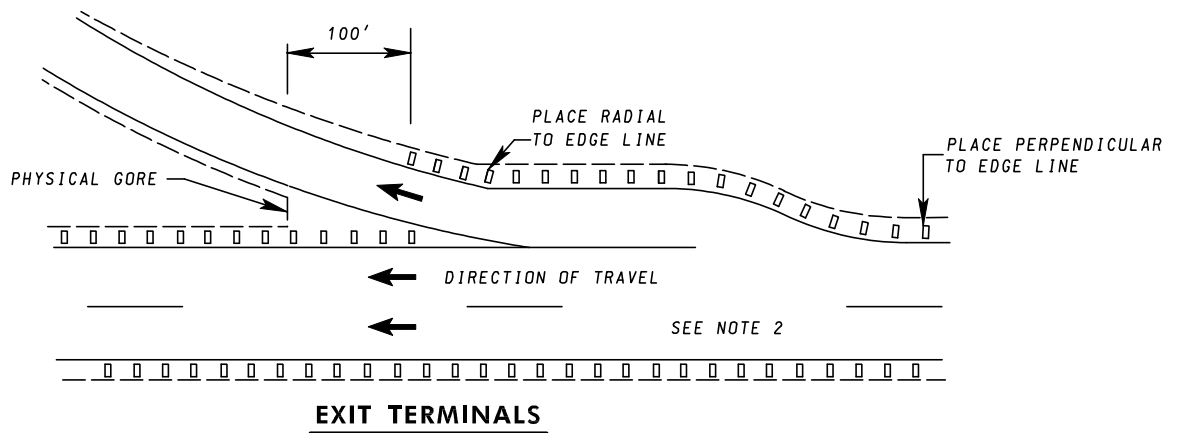
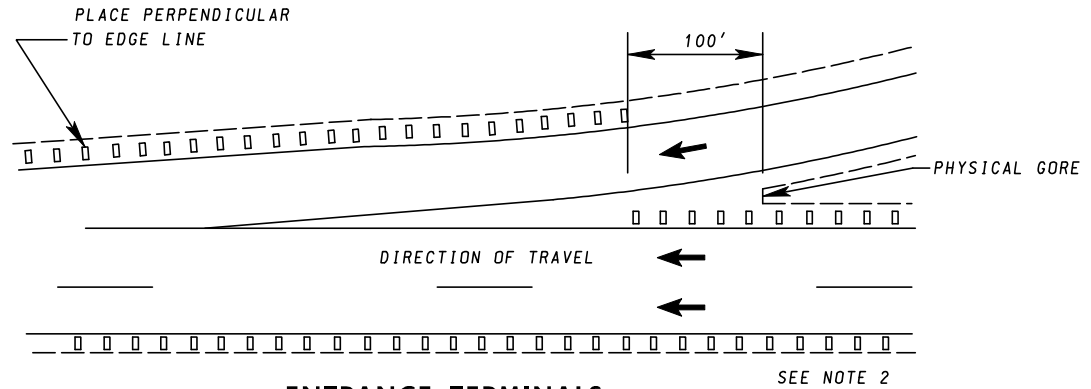
Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

LOCATION OF SHOULDER RUMBLE STRIPS

STANDARD NO.

MD 670.00



NOTES

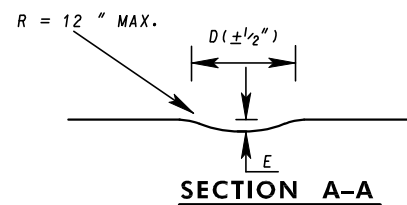
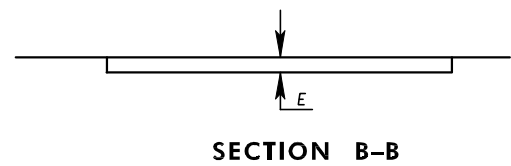
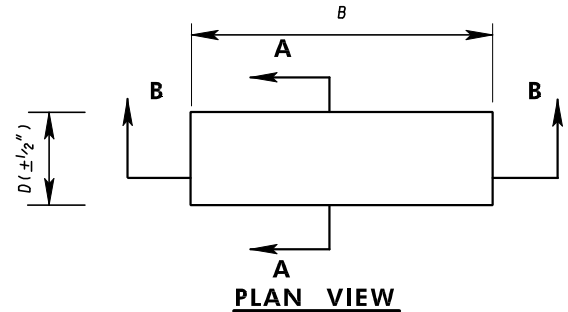
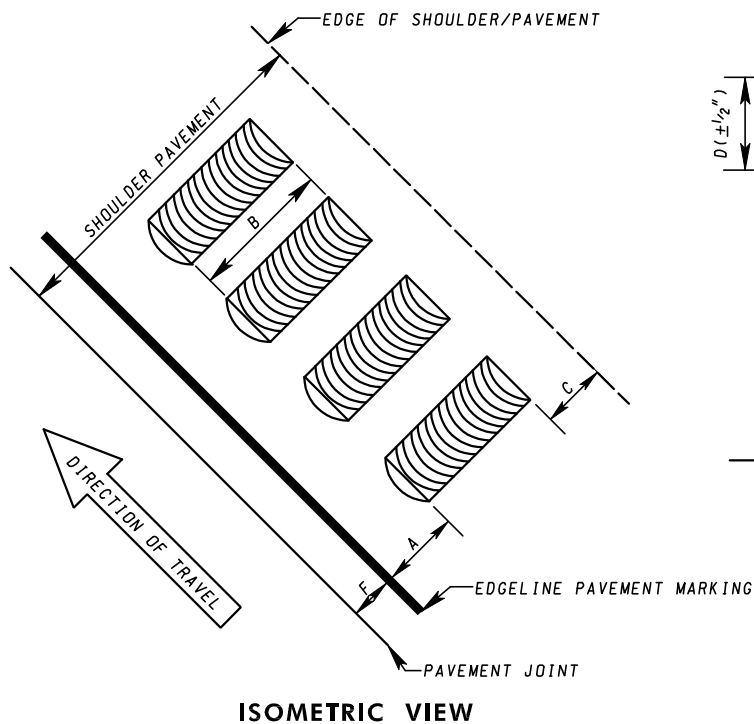
1. SEE STANDARDS FOR RUMBLE STRIP DETAILS.
2. AT ENTRANCE AND EXIT TERMINALS, THE OUTSIDE SHOULDER PATTERN SHOULD BE EXTENDED TOWARD THE RAMP JUNCTURE AS FAR AS POSSIBLE, AND THEN SHIFTED OVER TO THE OUTSIDE SHOULDER OF THE TERMINAL AREA. THE PHYSICAL GORE OF AN ENTRANCE OR EXIT TERMINAL IS A LOGICAL REFERENCE POINT. ON EITHER TERMINAL EXTEND THE PATTERN 100' INTO THE TERMINAL AREA AND THEN TRANSFER TO THE OUTSIDE SHOULDER.
3. RUMBLE STRIPS, WHEN USED IN ADVANCE OF CRITICAL LOCATIONS, SUCH AS APPROACHES TO NARROW BRIDGES, IN GORE AREAS, AND AHEAD OF TRAFFIC BARRIER END TREATMENTS, SHOULD BE PLACED AS SHOWN.

SPECIFICATION 610	CATEGORY CODE ITEMS										
APPROVED	DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT										
SHA State Highway Administration	<table> <tr> <td>APPROVAL • SHA REVISIONS</td><td>APPROVAL • FEDERAL HIGHWAY ADMINISTRATION</td></tr> <tr> <td>APPROVAL 2-10-04</td><td>APPROVAL 3-31-04</td></tr> <tr> <td>REVISED 5-23-17</td><td>REVISED 3-24-17</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> <tr> <td>REVISED</td><td>REVISED</td></tr> </table>	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	APPROVAL 2-10-04	APPROVAL 3-31-04	REVISED 5-23-17	REVISED 3-24-17	REVISED	REVISED	REVISED	REVISED
APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION										
APPROVAL 2-10-04	APPROVAL 3-31-04										
REVISED 5-23-17	REVISED 3-24-17										
REVISED	REVISED										
REVISED	REVISED										

Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES LOCATION OF SHOULDER RUMBLE STRIPS AT CRITICAL LOCATIONS

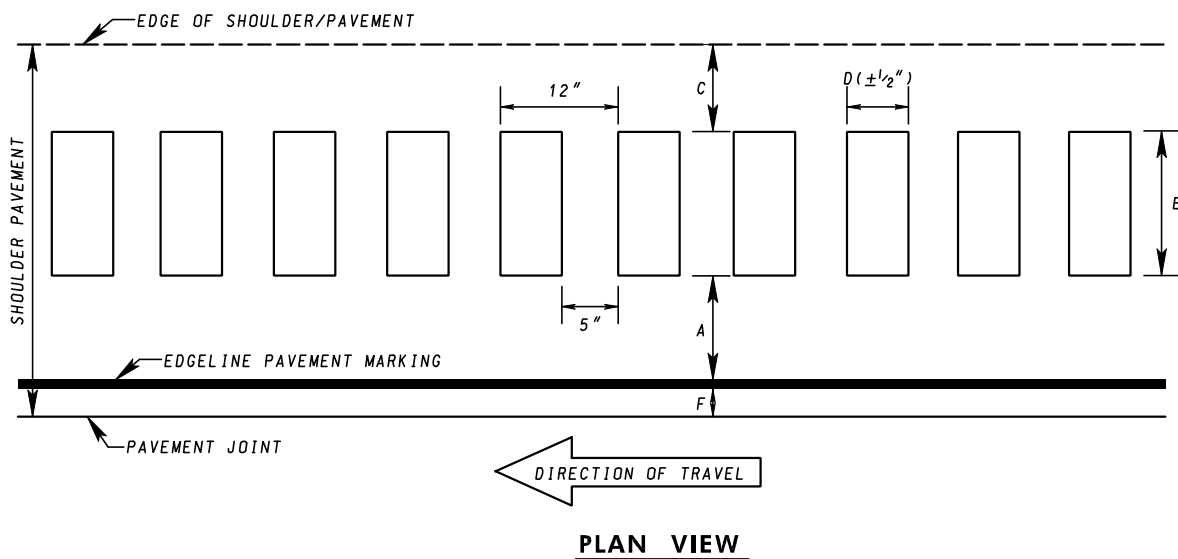
STANDARD NO.

MD 670.01

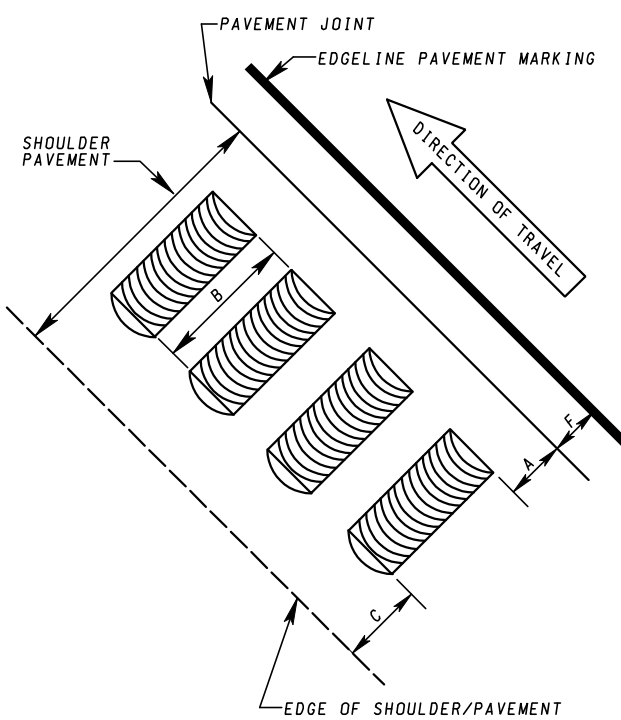


NOTES

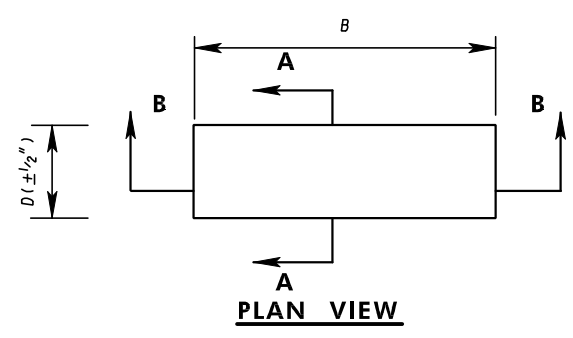
1. SEE SHOULDER RUMBLE STRIP AND RUMBLE STRIPE STANDARDS FOR MORE INFORMATION.



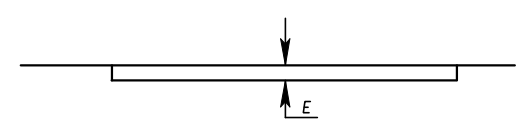
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APPROVED	DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT		
	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	
	APPROVAL 2-10-04	APPROVAL 3-31-04	
	REVISED 5-23-17	REVISED 3-24-17	
	REVISED	REVISED	
STANDARD NO.		MD 670.02	



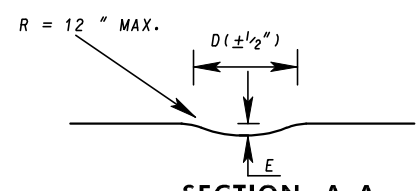
ISOMETRIC VIEW



PLAN VIEW



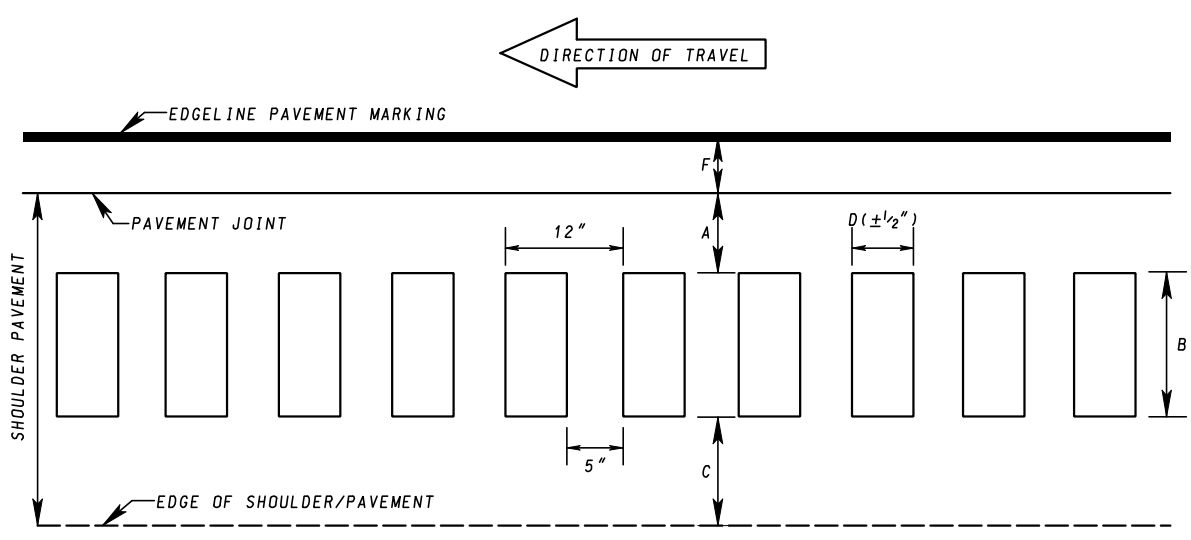
SECTION B-B



SECTION A-A

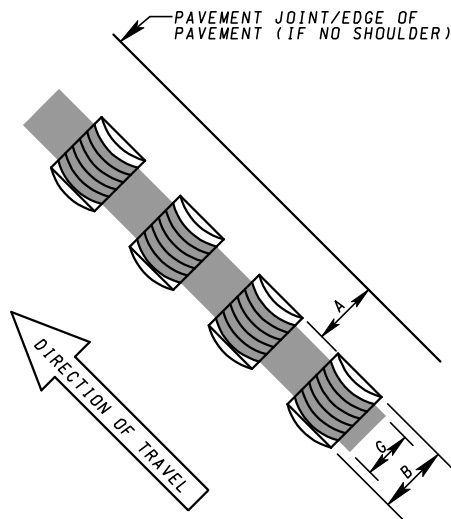
NOTES

1. SEE SHOULDER RUMBLE STRIP AND RUMBLE STRIPE STANDARDS FOR MORE INFORMATION.



PLAN VIEW

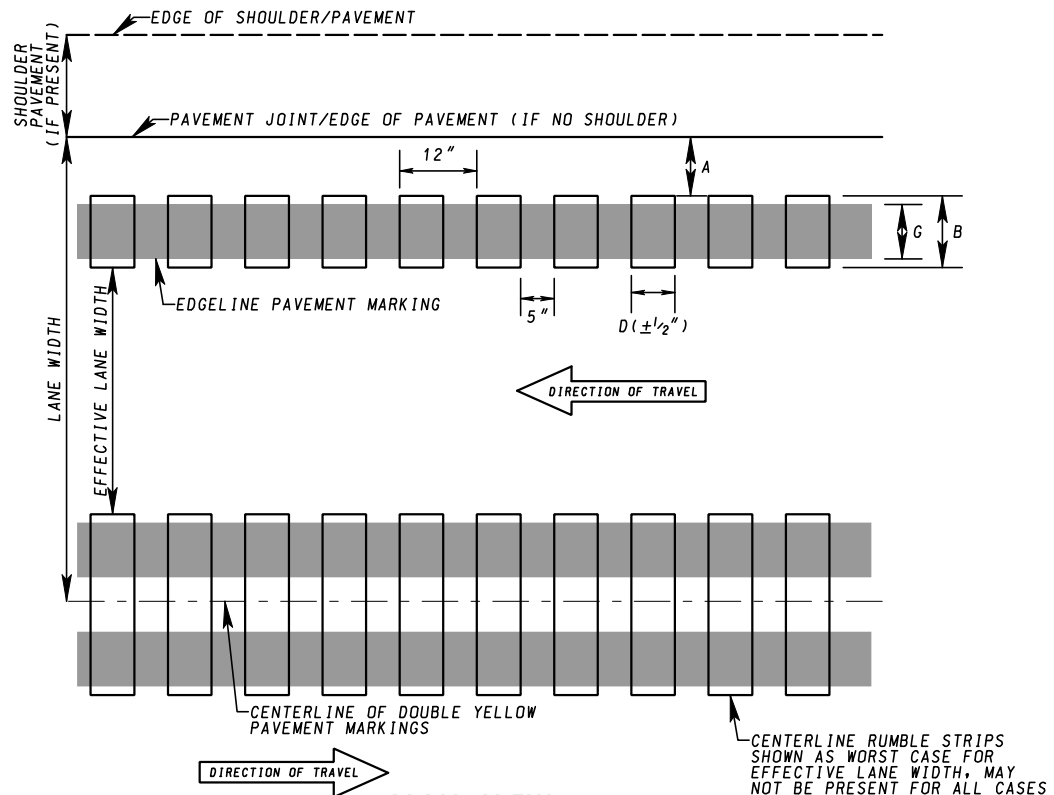
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APPROVED	Part DIRECTOR – OFFICE OF HIGHWAY DEVELOPMENT		
SHA State Highway Administration	APPROVAL • SHA REVISIONS		APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 5-23-17		APPROVAL 3-24-17
	REVISED		REVISED
	REVISED	REVISED	
REVISED	REVISED		



NOTES

1. REFER TO INSIDE/OUTSIDE SHOULDER RUMBLE STRIP DETAILS TYPICAL LAYOUT FOR RUMBLE STRIP DEPTH AND SECTION DETAILS.
2. EFFECTIVE LANE WIDTH IS MEASURED AS CLEAR DISTANCE BETWEEN OUTSIDE RUMBLE STRIP (TRAFFIC SIDE EDGE) AND INSIDE PAVEMENT MARKING (TRAFFIC SIDE EDGE) OR RUMBLE STRIP (TRAFFIC SIDE EDGE).
3. G = PAVEMENT MARKING WIDTH (TYPICALLY 5" OR 10"). RUMBLE STRIP WIDTH (B) VARIES ACCORDINGLY (6" FOR 5" MARKINGS, 12" FOR 10" MARKINGS). SEE SHOULDER RUMBLE STRIP AND RUMBLE STRIPE DETAILS FOR MORE INFORMATION.
4. SEE SHOULDER RUMBLE STRIP AND RUMBLE STRIPE DETAILS FOR MORE INFORMATION.

ISOMETRIC VIEW



PLAN VIEW

SPECIFICATION 610		CATEGORY CODE ITEMS		Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES	
APPROVED		DIRECTOR – OFFICE OF HIGHWAY DEVELOPMENT			
SHA State Highway Administration		APPROVAL • SHA REVISIONS		APPROVAL • FEDERAL HIGHWAY ADMINISTRATION	
		APPROVAL 5-23-17		APPROVAL 3-24-17	
		REVISED		REVISED	
		REVISED		REVISED	
		REVISED		REVISED	
STANDARD NO.		MD 670.04			

OUTSIDE SHOULDER RUMBLE STRIP APPLICATION

ROADWAY TYPE * SEE NOTES BELOW	OFFSET FROM PAYEMENT MARKING TO RUMBLE STRIP	RUMBLE STRIP WIDTH	OFFSET FROM RUMBLE STRIP TO EDGE OF SHOULDER/ PAYEMENT	RUMBLE STRIP LENGTH	RUMBLE STRIP DEPTH	OFFSET FROM PAYEMENT JOINT TO PAYEMENT MARKING	MINIMUM SHOULDER PAYEMENT WIDTH
	A	B	C	D	E	F	
INTERSTATES OR EXPRESSWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" MIN. 12" MAX.	12" MIN. 16" STD.	6" ABSOLUTE MIN. 12" PREF. MIN.	7"	1/2" MIN. 5/8" MAX.	1" MIN. 2" STD.	25"
ALL OTHER HIGHWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" MIN. 12" MAX.	6" MIN. 12" STD.	48" MIN. REQUIRED	5" MIN. 7" STD.	3/8" MIN. FOR 5" LENGTH 1/2" MIN. - 5/8" MAX. FOR 7" LENGTH	1" MIN. 2" STD.	61"

INSIDE SHOULDER RUMBLE STRIP APPLICATION

ROADWAY TYPE * SEE NOTES BELOW	OFFSET FROM PAYEMENT JOINT TO RUMBLE STRIP	RUMBLE STRIP WIDTH	OFFSET FROM RUMBLE STRIP TO EDGE OF SHOULDER/ PAYEMENT	RUMBLE STRIP LENGTH	RUMBLE STRIP DEPTH	OFFSET FROM PAYEMENT JOINT TO PAYEMENT MARKING	MINIMUM SHOULDER PAYEMENT WIDTH
	A	B	C	D	E	F	
INTERSTATES OR EXPRESSWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" MIN. 12" MAX.	12" MIN. 16" STD.	6" ABSOLUTE MIN. 12" PREF. MIN.	7"	1/2" MIN. 5/8" MAX.	1" MIN. 2" STD.	30"
ALL OTHER HIGHWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" MIN. 12" MAX.	6" MIN. 12" STD.	6" ABSOLUTE MIN. 12" PREF. MIN.	5" MIN. 7" STD.	3/8" MIN. FOR 5" LENGTH 1/2" MIN. - 5/8" MAX. FOR 7" LENGTH	1" MIN. 2" STD.	24"

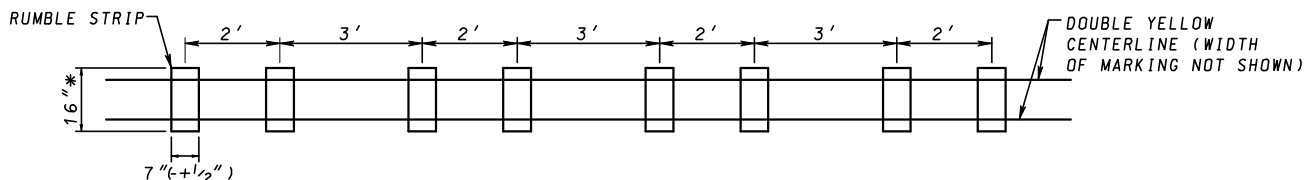
RUMBLE STRIPE APPLICATION

ROADWAY TYPE * SEE NOTES BELOW	OFFSET FROM PAYEMENT JOINT TO RUMBLE STRIP	RUMBLE STRIP WIDTH	RUMBLE STRIP LENGTH	RUMBLE STRIP DEPTH	PAYEMENT MARKING WIDTH	MINIMUM EFFECTIVE LANE WIDTH
	A	B	D	E	G	
INTERSTATES OR EXPRESSWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" STD.	6" FOR 5" MARKINGS 12" FOR 10" MARKINGS	7"	1/2" MIN. 5/8" MAX.	TYPICALLY 5" OR 10"	9'-4" MIN. REQUIRED
ALL OTHER HIGHWAYS * (POSTED SPEED 40 MPH OR GREATER)	6" STD.	6" FOR 5" MARKINGS 12" FOR 10" MARKINGS	5" MIN. 7" STD.	3/8" MIN. FOR 5" LENGTH 1/2" MIN. - 5/8" MAX. FOR 7" LENGTH	TYPICALLY 5" OR 10"	9'-4" MIN. REQUIRED

NOTES

1. BICYCLES ARE ASSUMED TO BE PROHIBITED FROM ALL INTERSTATE AND EXPRESSWAYS AS PER MD VEHICLE LAW.
2. IF BICYCLES ARE PERMITTED ON SEGMENTS OF INTERSTATES AND EXPRESSWAYS, REGARDLESS OF POSTED SPEED, RUMBLE STRIPS SHALL BE INSTALLED AS PER THE 'ALL OTHER HIGHWAYS' REQUIREMENTS.

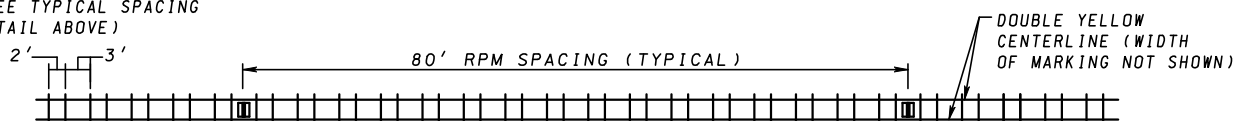
SPECIFICATION 610	CATEGORY CODE ITEMS	Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES SHOULDER RUMBLE STRIP AND RUMBLE STRIPE DETAILS		
APPROVED	 DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT			
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APPROVAL • SHA REVISIONS APPROVAL 5-23-17 REVISED REVISED REVISED	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION APPROVAL 3-24-17 REVISED REVISED REVISED			
STANDARD NO. MD 670.05				



* - RUMBLE STRIP WIDTH MAY BE REDUCED TO 12" FOR ROADWAYS THAT HAVE ADJACENT TRAVEL LANES THAT ARE LESS THAN 12' IN WIDTH TO PROVIDE MORE EFFECTIVE LANE WIDTH

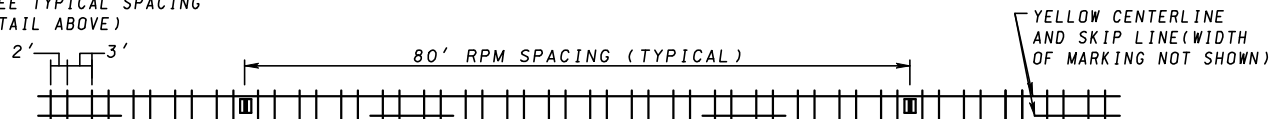
TYPICAL SPACING DETAIL (PLAN VIEW)

RUMBLE STRIP LENGTH
NOT SHOWN FOR CLARITY
(SEE TYPICAL SPACING
DETAIL ABOVE)



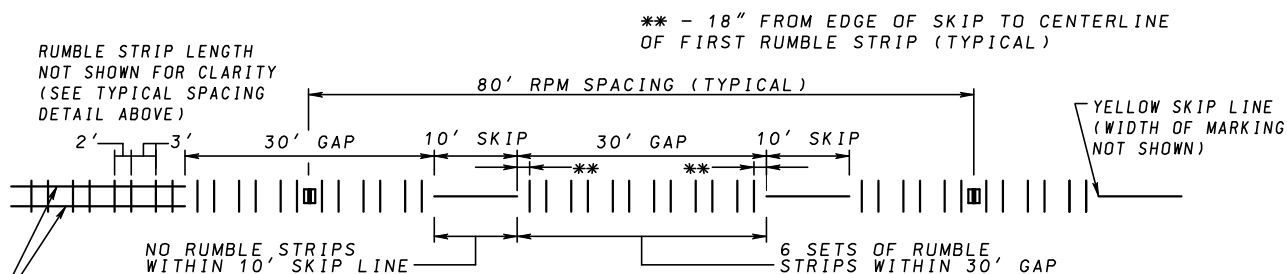
NON-PASSING LAYOUT WITH RPM SPACING

RUMBLE STRIP LENGTH
NOT SHOWN FOR CLARITY
(SEE TYPICAL SPACING
DETAIL ABOVE)



SINGLE DIRECTION PASSING ZONE LAYOUT WITH RPM SPACING

RUMBLE STRIP LENGTH
NOT SHOWN FOR CLARITY
(SEE TYPICAL SPACING
DETAIL ABOVE)



DOUBLE YELLOW
CENTERLINE (WIDTH
OF MARKING NOT SHOWN)

TWO-WAY PASSING ZONE LAYOUT WITH RPM SPACING

SPECIFICATION 610	CATEGORY CODE ITEMS
APPROVED	DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT
SHA State Highway Administration	APPROVAL • SHA REVISIONS APPROVAL 5-23-17 REVISED REVISED REVISED APPROVAL • FEDERAL HIGHWAY ADMINISTRATION APPROVAL 3-24-17 REVISED REVISED REVISED

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

CENTERLINE RUMBLE STRIP DETAILS AND TYPICAL LAYOUT

STANDARD NO.

MD 670.06