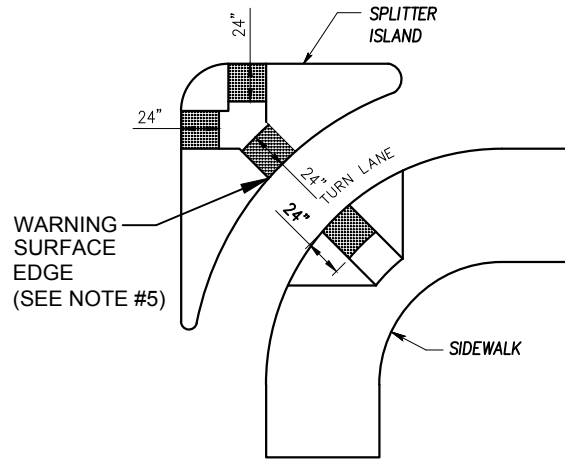
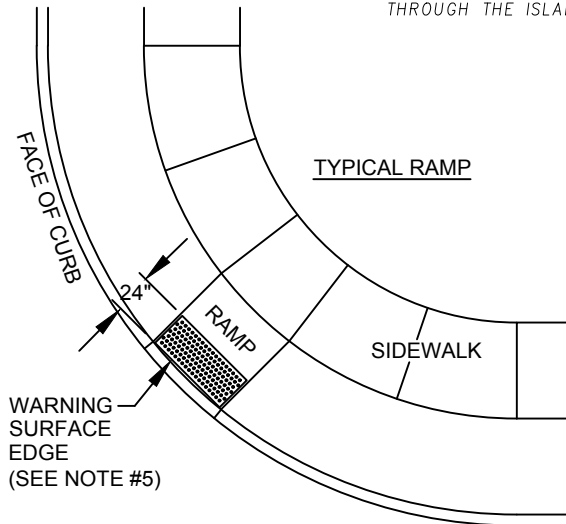


GENERAL NOTES



REFUGE ISLAND

WHERE ISLANDS OR MEDIANS ARE LESS THAN 6 FEET WIDE, THE DETECTABLE WARNING SHOULD EXTEND ACROSS THE FULL LENGTH OF THE CUT THROUGH THE ISLAND OR MEDIAN



1. THE PEDESTRIAN WARNING SURFACE SYSTEM SHALL CONFORM TO THE LATEST AMERICANS WITH DISABILITIES ACT (ADA) GUIDELINES FOR OUTDOOR FACILITIES. THE CONTRACTOR SHALL USE THE POLYMER COMPOSITE EMBEDMENT PANEL BY ADA SOLUTIONS, INC. OR CITY ENGINEER APPROVED EQUAL. STAMPING OF CONCRETE TO CREATE WARNING DOMES SHALL NOT BE PERMITTED. THE CONTRACTOR SHALL SUBMIT THE SOURCE OF THE PROPOSED SYSTEM TO THE ENGINEER FOR APPROVAL.
2. THE DETECTABLE WARNING SURFACE SHALL BE 24" WIDE WITH LENGTH AND ORIENTATION AS SHOWN ON EACH PEDESTRIAN RAMP STANDARD DETAIL. THE SYSTEM SHALL CONSIST OF A SURFACE OF TRUNCATED DOMES ALIGNED IN A SQUARE GRID PATTERN AS SHOWN. THE COLOR OF THE SURFACE SHALL MATCH FEDERAL COLOR NUMBER YELLOW 33538. THE SURFACES SHALL HAVE A MINIMUM COEFFICIENT OF FRICTION OF 0.8 WHEN TESTED PER ASTM C 1028.
3. THE PEDESTRIAN WARNING SYSTEM SHALL BE INLAID. THE CONTRACTOR SHALL INSTALL THE SYSTEM IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THESE RECOMMENDATIONS SHALL ADDRESS THE CONDITIONS OF THE CONCRETE SURFACE ON WHICH THE SYSTEM WILL BE APPLIED: SURFACE FINISH, PRESENCE OF CURING COMPOUND, LENGTH OF CURE, ETC. THE RECOMMENDATIONS SHALL ALSO ADDRESS AMBIENT TEMPERATURE, MOISTURE CONDITIONS, ADHESIVE POT LIFE, SET TIME, TOOLS REQUIRED, AND OTHER DETAILS ABOUT THE TECHNIQUE OF THE SYSTEM INSTALLATION.
4. THE VERTICAL EDGE OF THE INSTALLED SYSTEM SHALL BE NO HIGHER THAN 0.25" ABOVE THE ADJACENT SURFACES. WHEN THE DIFFERENCE IN HEIGHT IS GREATER THAN 0.25" THE CONTRACTOR SHALL BEVEL THE EDGES WITH A SLOPE NO STEEPER THAN 1:2.
5. FOR SKEWED APPLICATIONS, DETECTABLE WARNING SURFACE SHALL BE PLACED SUCH THAT THE DOMES CLOSEST TO THE BACK OF CURB ARE NO LESS THAN 0.5" AND NO MORE THAN 3.0" FROM THE BACK OF CURB. TRUNCATED DOME SURFACES SHALL BE FABRICATED TO PROVIDE FULL DOMES ONLY.



CITY OF HAGERSTOWN, MARYLAND – ENGINEERING DIVISION

TRANSPORTATION STANDARD DETAIL DETECTABLE WARNING SURFACE DETAILS FOR PEDESTRIAN RAMPS

ISSUE DATE: 03-01-2018

REVISIONS

Plate T-059