

SUPPLEMENTAL SPECIFICATION**AMENDMENT TO SECTION 608 – SIDEWALK**

This Supplemental Specification adds Detectable Warning Devices to Section 608.

Add to Description:

1.2 Detectable Warning Devices. This work shall consist of furnishing and installing a detectable warning surface and accessories on sidewalk ramps at locations shown on the plans, as specified herein, or as ordered including any and all required surface preparation. Detectable warnings shall be installed at sidewalk ramps where a sidewalk crosses a vehicular way, excluding unsignalized driveway crossings. Detectable warnings shall measure 24 in (600 mm) in the direction of travel and extend the full width of the sidewalk ramp and the edge nearest the curbline shall be located 6 to 8 in (150 to 200 mm) from the face of curbline.

Add to Materials:

2.6 Detectable Warning Devices. Material. Detectable warning devices shall be gray cast iron conforming to AASHTO M105 and AASHTO M306.

2.6.1 Color. Cast iron panels shall have no surface coating, and shall be allowed to transition to their natural patina.

2.6.2 Detectable Warning Panel Truncated Dome Geometry.

2.6.2.1 Detectable warning devices shall be in full compliance with ADAAG guidelines (Title 49 CFR Transportation, Part 37.9 Standard for Accessible Transportation Facilities, Appendix A, Section 4.29.2 – Detectable Warning on Walking Surfaces).

2.6.2.2 Size and spacing for truncated domes shall be as follows: base diameter of nominal 0.9 in (23 mm), top diameter of nominal 0.4 in (10 mm), height of nominal 0.2 in (5 mm), with a center to center spacing of nominal 2.35 in (60 mm).

2.6.2.3 The truncated domes shall be arranged in a grid pattern and shall align properly from panel to panel.

Add to Construction Requirements:

3.3 Detectable Warning Devices. The Contractor shall submit manufacturer's descriptive literature for materials specified in accordance with 105.02.

3.3.1 Transport, storage, and handling of products shall be in accordance with manufacturer’s instructions.

3.3.2 Install detectable warning devices and any anchoring hardware in accordance with manufacturer’s instructions. Panels shall be set into a bed of 4 in (100 mm) wet unreinforced concrete.

3.3.3 Use a combination of available panel widths as manufactured to cover the full sidewalk ramp width to the extent practicable. Field cutting of panels is not permitted.

3.3.4 Care shall be taken to ensure the safety of pedestrians when sidewalks must remain in service during construction.

3.3.5 The attached details are for reference only. See plan set for specific details.

Add to Method of Measurement:

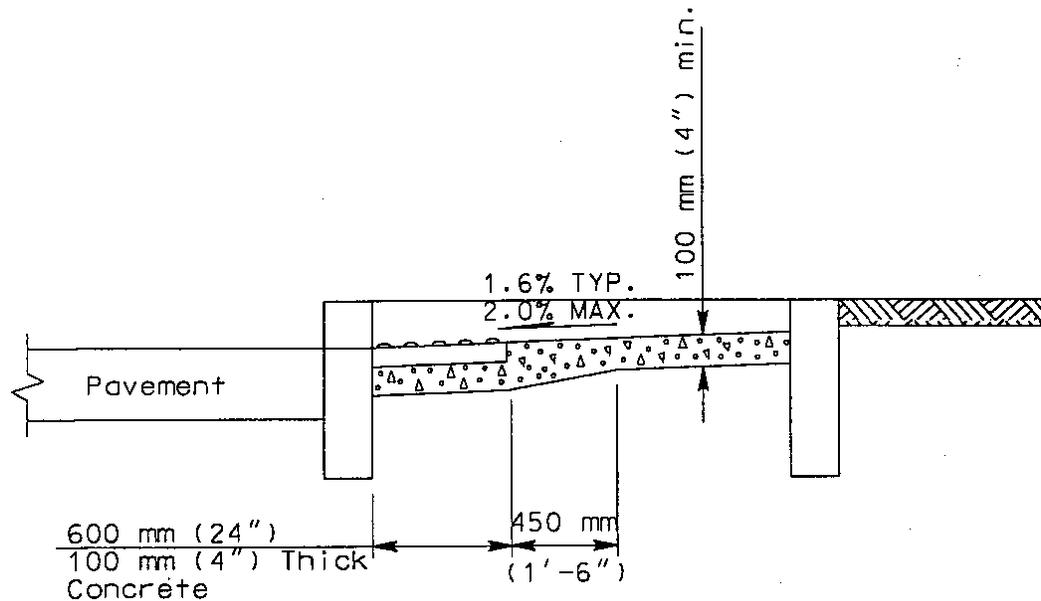
4.3 Detectable Warning Devices. Will be measured by the square yard (square meter) to the nearest 0.1 of a square yard (square meter).

Add to Basis of Payment:

5.4.1 Detectable Warning Devices. Will be paid for at the contract unit price per square yard (square meter) complete in place including accessories, anchoring hardware and any required surface preparation.

Pay Item and Unit

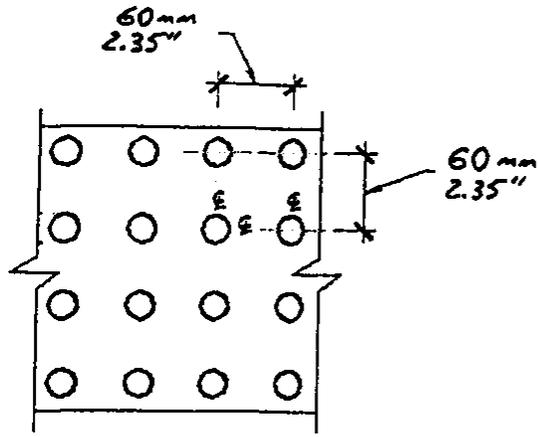
608.54 Detectable Warning Devices, Cast Iron Square Yard (Square Meter)



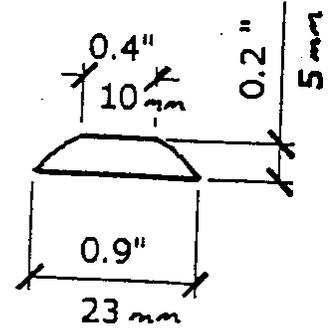
SECTION

GENERAL NOTES

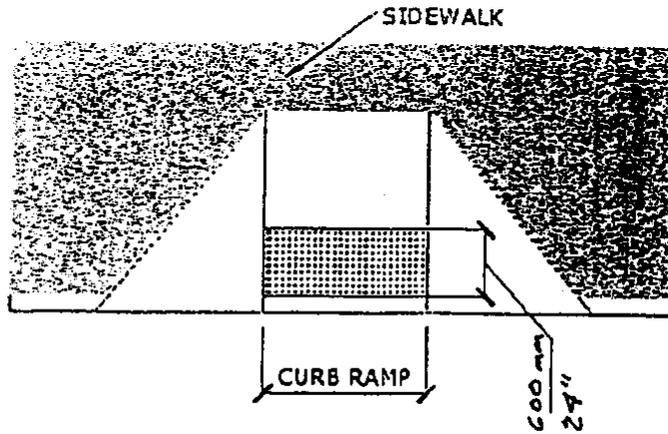
1. THE MAXIMUM RUNNING SLOPE OF ANY SIDEWALK CURB RAMP IS 12:1. THE MAXIMUM CROSS SLOPE IS 2%. THE SLOPE OF THE LANDING SHALL NOT EXCEED 2% IN ANY DIRECTION.
2. TRANSITIONS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. ROADWAY SHOULDER SLOPES ADJOINING SIDEWALK CURB RAMPS SHALL BE A MAXIMUM OF 5% (FULL WIDTH) FOR A DISTANCE OF 600 mm (2 FT.) FROM THE ROADWAY CURBLINE.
3. INTERCEPT DRAINAGE ALONG THE CURB IN ADVANCE OF SIDEWALK CURB RAMPS OR LANDINGS. CATCH BASINS, MANHOLES, ETC. SHALL NOT BE LOCATED IN, OR AT THE BASE OF, SIDEWALK CURB RAMPS OR LANDINGS.
4. THE BOTTOM OF THE SIDEWALK CURB RAMP OR LANDING, EXCLUSIVE OF THE FLARED SIDES, SHALL BE WHOLLY CONTAINED WITHIN THE CROSSWALK MARKINGS.
5. THE SURFACE OF A PERPENDICULAR SIDEWALK CURB RAMP OR THE LANDING OF A PARALLEL SIDEWALK CURB RAMP SHALL CONTRAST VISUALLY WITH THE ADJOINING SIDEWALK SURFACE, EITHER ASPHALT/LIGHT-COLORED CONCRETE OR LIGHT-COLORED CONCRETE/DARK-STAINED CONCRETE. THE CONCRETE SURFACE SHALL BE SLIP RESISTANT.
6. INSTALL DETECTABLE WARNINGS (TRUNCATED DOMES) AT THE LOCATIONS SHOWN. DETECTABLE WARNINGS SHALL MEASURE 600 mm (24") IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE SIDEWALK RAMP, AND THE EDGE NEAREST THE CURBLINE SHALL BE LOCATED 150 mm TO 200 mm (6"-8") FROM THE FACE OF CURBLINE.



Dome Spacing



Dome Section



Illustrates 24" deep detectable warning located near the street edge of the curb ramp.

Transition Ramp with Detectable Warning