



*MAXIMUM SLOPE IS 1/4" PER FOOT (2%) IN EACH DIRECTION OF TRAVEL. MINIMUM SIZE IS 5' x 5'

**MAXIMUM RAMP SLOPE IS 1" PER FOOT (8%) RUNNING SLOPE.

***SIDEWALKS SHALL BE 6" THROUGH RESIDENTIAL DRIVEWAYS AND 8" THROUGH COMMERCIAL DRIVEWAYS TO THE NEAREST JOINT OUTSIDE THE DRIVEWAY

FULL HEIGHT CURB MAY BE REDUCED TO ACCOMMODATE MAXIMUM SIDE FLARE SLOPE OF 1" PER FOOT (8%)

City Sidewalk Specifications



CITY OF BAY CITY

BAY CITY HALL
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BAY CITY, MI 48708

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Sidewalk ramps and detectable warnings shall be installed in accordance with MDOT Standard plans R-28, except as specified herein.

Sidewalk Specifications

- Portland cement shall meet the requirements of ASTM C150. Concrete for sidewalk and ramps shall be Grade P1.
- Coarse aggregate shall meet the requirements of Class 6A aggregate as described in the MDOT 2012 Standard Specifications for Construction.
- Fiber joint filler shall meet the requirements of ASTM D1751.
- Concrete shall be transit mixed concrete in accordance with ASTM C94.
- Air content shall be 5.5-8%, slump shall not exceed 3 inches, and compressive strength shall be at least 3,500 psi after 28 days. Concrete shall contain at least six sacks of cement per cubic yard of concrete. Modifications and the use of admixtures may be approved by the Engineer.
- White membrane curing compound shall conform to ASTM C309, Type 2. Agitate the curing compound to provide a uniform consistency prior to transfer between containers or before application.
- Replace all sidewalks within three (3) business days of removal.

Detectable Warning Surface

- Use cast iron detectable warning products on newly cast concrete manufactured by Neenah Foundry or East Jordan Iron Works. Do not construct detectable warnings by forming or stamping in newly cast concrete.
- The detectable warning surface must comply with all requirements of the Americans with Disabilities Act Access Guidelines (ADAAG).
- Where either end of the bottom grade break is more than 5' from the back of curb. The detectable warning shall be located at the back of curb