

CITY OF DETROIT
SPECIFICATIONS
FOR
CONCRETE CURB REPAIR

DET: GJM

1-14-16

Description: The work shall include all labor, equipment and materials required to repair concrete curb. The work shall be as shown on the detail Modified Separate Type Curb and as specified herein.

Materials: All materials used in the repair of concrete curb shall be in accordance with Section 802.02 of the 2012 MDOT Standard Specifications for Construction.

Seed shall be Kentucky Bluegrass mixture as set forth in the Michigan Department of Transportation 2003 Standard Specifications for Construction, Section 917.12 Seed, and Table 917.1.

Construction: The curb repair removal and replacement shall be as shown on the Detail titled Modified Separate Type Curb of these Specifications.

The Contractor shall repair existing concrete curbs at the locations marked by the Engineer. Sections to be repaired not falling at a joint shall be saw cut to provide a neat joint at the Contractors expense. Any adjacent curbs, sidewalks, service walks, streets, etc. damaged in the removal process shall be removed and replaced at the Contractors expense.

The existing curb top shall be broken off and/or ground down as shown on the Detail. Existing curb that is disintegrated shall be removed to sound concrete. The surface of the existing curb, which is to be a base for the concrete curb cap, shall be cleaned of all loose material with a jet of compressed air or other approved means.

The concrete debris shall be cleaned-up by the end of the day. A street cleaner with "vacuum" style equipment shall be used to remove the debris from where it is deposited by the removal operation. The debris shall not be swept on, or moved onto the street surface prior to removal from the job site. The adjacent lawns shall be similarly cleaned at this time. Debris shall be properly disposed of outside the City limits.

Forms for curb cap construction shall be as specified in Section 802.03.B of the 2012 MDOT Standard Specifications for Construction.

Concrete shall be placed, jointed, finished and cured in accordance with Section 802.03.D, E, F and H of the 2012 MDOT Standard Specifications for Construction.

After the concrete has hardened, the forms shall be removed, and all overspill of concrete and other debris shall be removed prior to backfilling. Topsoil shall be filled in the void and compacted level to the undisturbed lawn. Backfilling shall be completed within 5 days after placement of curb.

Existing berm areas shall be restored with like replacement. Grass seed shall be installed in accordance with Michigan Department of Transportation 2012 Standard Specifications for Construction Section 816.03.C.1 Permanent Seeding. No separate payment will be made for such restoration but is considered part of work item.

Protect lawn sprinkler systems, if encountered. All costs associated with the lawn sprinkler protection, restoration and repair, if damaged, will be borne by the Contractor and no separate payment will be made.

Measurement and Payment: "Concrete Curb Repair Remove and Replace" will be measured in place by length in linear feet. The contract unit price per linear foot shall be payment in full for furnishing all materials, labor and equipment required to complete the work as herein specified, including saw cutting, curb removal or grinding, forming, concrete placement, finishing, curing, disposal of all debris and foreign materials, backfilling and seeding.

Pay Item

Pay Unit

Concrete Curb Repair Remove and Replace

Linear Foot