

SECTION FOUR

COBB COUNTY WATER SYSTEM SPECIFICATIONS

**Cobb County Water System
Manhole Grade Adjustment
Lowering of Existing to Accommodate Milling**

The Contractor shall lower all existing manholes, as identified by the project engineer, prior to road surface milling operations. The following general guidelines shall apply (refer to Detail 03410 – 15 (A)):

- Accurately locate the manhole (if not currently visible) and its center. Reference and record location for subsequent adjustment.
- Mechanically core or saw cut the full depth of existing roadway around the manhole, or completely remove the concrete pad/patch if such exists.
- Remove the manhole frame and cover. Remove any existing manhole adjustments, i.e. adjustment rings, bricks, shims, etc.
 - All rings and covers shall be delivered to CCWS (contractor to coordinate directly with CCWS)
- Place an adequate sized steel traffic plate (min. 3' x 3' x 1") over the manhole structure.
 - Steel plate shall have a 3" diameter hole in the center
- All debris, including the manhole frame and cover shall be removed from the site.
 - Contractor shall protect debris from entering the manhole
 - Debris allowed to drop into sewer manholes shall immediately be removed to avoid the potential of sewer blockages.
 - Contractor shall notify CCWS dispatch if debris is observed in manhole
- Backfill with select granular material and compact to a level of 3-inches below the anticipated road surface milling depth.
- Place hot mix asphalt or quick-setting concrete to a level flush with the existing roadway surface.
- Following completion of the resurfacing of the roadway, CCWS will permanently adjust to grade each manhole.
 - Steel plates (owned by Resurfacing contractor) removed by CCWS during this operation will be taken to CCWS (contractor to coordinate directly with CCWS)
- Contractor(s) do not have to be pre-qualified with CCWS to lower manholes as part of this contract

Payment will be made under:

611-8999	Lowering Existing Manhole for Milling	Per EA
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DETAIL 03410 - 15 (A)
COBB COUNTY WATER SYSTEM
MANHOLE GRADE ADJUSTMENT
TEMPORARY LOWERING OF EXISTING MANHOLE TO
ACCOMMODATE ROADWAY MILLING OPERATION STEP 1

DECEMBER 3, 2009

AGENCY DIRECTOR

