

- NOTES:**
- STRUCTURES SHALL NOT BE ADJUSTED FOR A PERIOD OF 24 HOURS AFTER RESURFACING IS COMPLETED IN THAT AREA.
  - ASPHALT SHALL BE SAWCUT TO MAKE A SMOOTH, EVEN EDGE.
  - STRUCTURE COVER SHALL BE ADJUSTED TO FIT FLUSH WITH STREET SURFACE.
  - ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 4000 PSI.
  - CONCRETE WILL BE USED TO BACKFILL THE ENTIRE WORKING AREA.
  - FINISHING CONCRETE SHALL BE DONE BY USE OF A TROWEL OR FLOAT.
  - CLEAN ALL ASPHALT OFF SEWER MANHOLES AT TIME OF PAVING TO ALLOW ACCESS TO SYSTEM AT ALL TIMES.

**MANHOLE ADJUSTMENTS IN PAVEMENT**

Manhole levels shall be flush with the final pavement surface.

**ADJUSTMENTS UP TO 3-INCHES**

Remove lid.  
Clean all rust and debris from seating areas with wire brush.  
Take measurements and determine height of risers to be used.  
Add appropriately sized steel risers to ring up to 3-inches in height.  
Replace manhole lid.

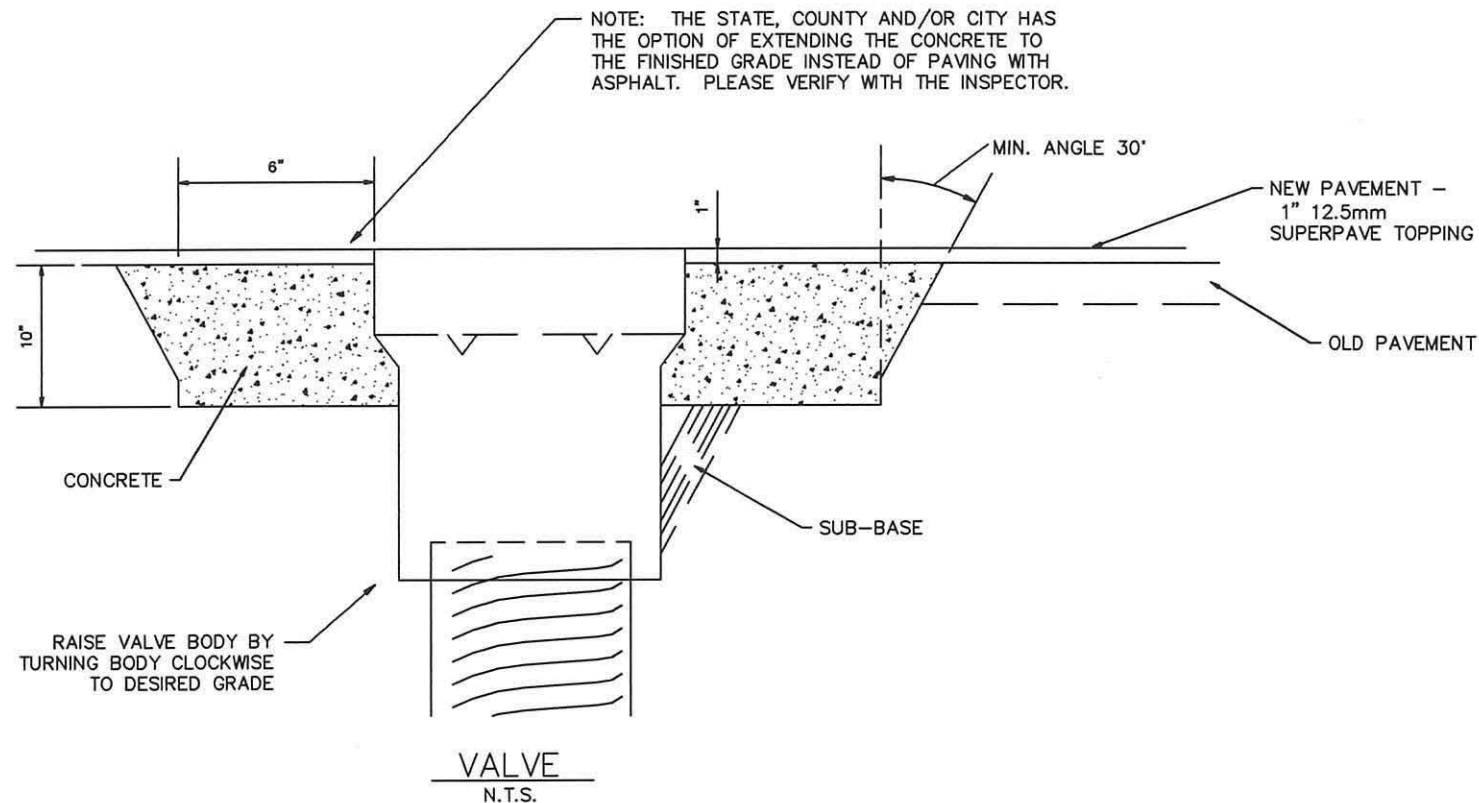
**ADJUSTMENTS GREATER THAN 3-INCHES AND LESS THAN 12-INCHES**

Locate all utilities near manhole. Hand dig around all utilities.  
Saw cut 60-inch by 60-inch square around manhole.  
Excavate a minimum depth of 10-inches.  
Remove manhole frame and cover to expose cone.  
Clean all rust and debris from seating areas with wire brush.  
Add an appropriate number of pre-cast concrete spacers to cone.  
Replace any existing brick spacers with pre-cast concrete spacers.  
Use at least 3/4-inch non-shrink grout between spacers and manhole frame.

**ADJUSTMENTS FOR 12-INCHES AND GREATER**

Locate all utilities near manhole. Hand dig around all utilities.  
Saw cut 60-inch by 60-inch square around manhole.  
Excavate a minimum depth of 10-inches.  
Remove manhole frame, cover, and cone to expose manhole.  
Clean all rust and debris from seating areas with wire brush.  
Add an appropriate number of pre-cast concrete risers and spacers to manhole.  
Use tar based joint sealer between risers.  
Use at least 3/4-inch non-shrink grout between spacers and manhole frame.  
Seal joints on the inside with non-chnrk grout.

Backfill using crusher run stone compacted in 6-inch layers using a mechanical tamper up to 10-inches below ground surface.  
Coat the vertical wall faces of the pavement with a solution of Portland cement and water mixed to a consistency of heavy paint.  
Fill the 10-inch open area with Class "A" high early strength Portland cement that has been dyed to match the surrounding pavement.



FULTON COUNTY STANDARD DETAIL 105  
STRUCTURE ADJUSTMENT

| DATE | REVISIONS | DATE | REVISIONS |
|------|-----------|------|-----------|
| 8/08 | NRR       |      |           |
| 7/16 | TPM       |      |           |
|      |           |      |           |
|      |           |      |           |

DGS/DRN/CHKD: CMS  
APPROVED: REW  
DATE: 12-2-05



FULTON COUNTY PUBLIC WORKS  
141 PRYOR ST. ATLANTA, GA. 30303  
404-612-7400 FAX: 404-224-0498

DRAWING NO.  
105