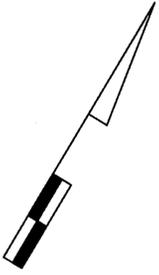


DRILL HOLES

DRILL HOLES

DRILL HOLES

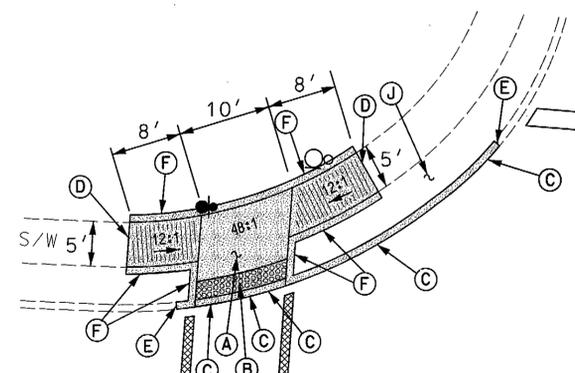
BORDER REV: DATE: June 1, 2004



NOTE: MD 198 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

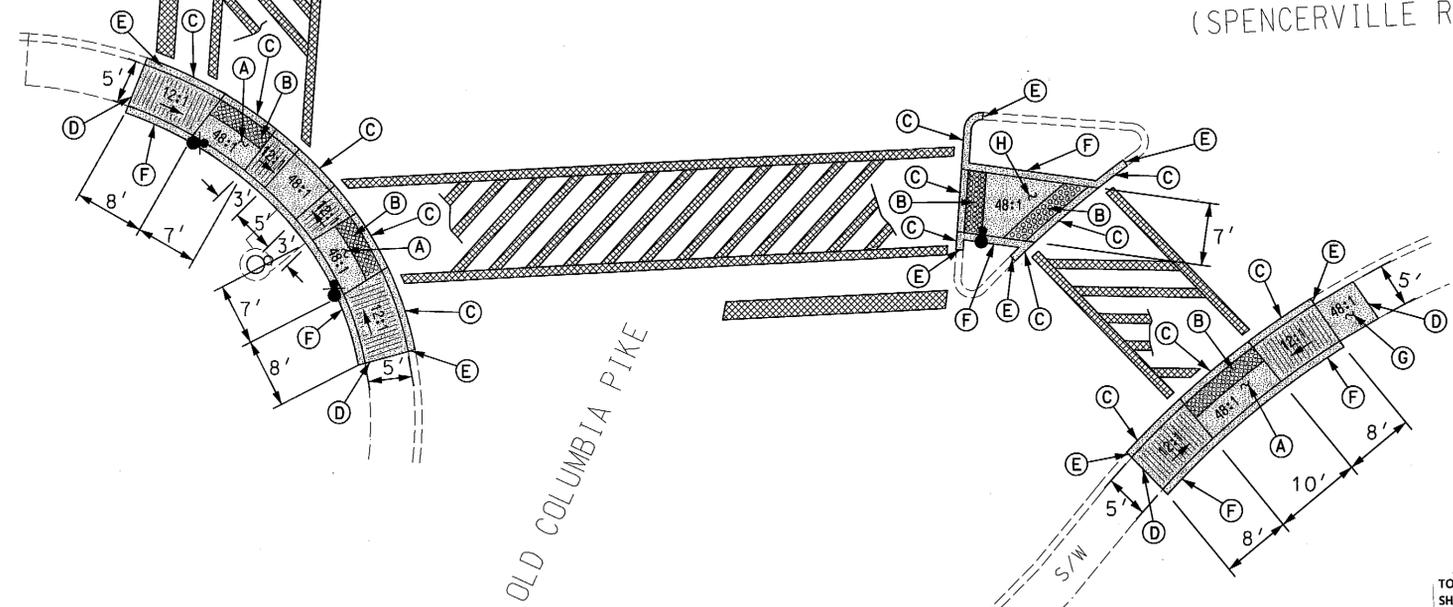
MD 198 (SPENCERVILLE RD)

BURTONSVILLE ELEM SCHOOL DRIVEWAY



NOTE: ALL PROPOSED HANDICAP RAMPS ARE TO BE CENTERED ON PROPOSED CROSSWALKS.

MD 198 (SPENCERVILLE RD)



OLD COLUMBIA PIKE

APS NOTES:

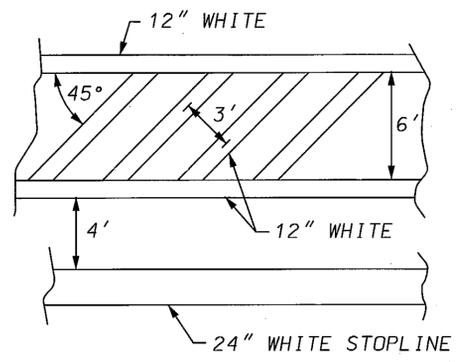
1. The 18" foundations must be placed 6" face to face from the existing brick wall where applicable to assure a 36" clear space for pedestrians.
2. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60"x 60" level landing area with a cross slope of less than or equal to 2%.
3. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
4. Pushbutton arrows are to be parallel to the crossing for which they are intended.
5. Location of accessible pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2, and the NCHRP publication, "Accessible Pedestrian Signals: Guide To Best Practice". If not met, the contractor is to stop work on pushbutton locations until a design waiver is obtained, approved by the director, Office of Traffic and Safety.
6. APS will function as follows:
 - TO CROSS SPENCERVILLE RD
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Spencerville at Old Columbia, wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.
 - TO CROSS OLD COLUMBIA PIKE
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Old Columbia at Spencerville, wait."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

GEOMETRIC CONSTRUCTION DETAILS

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- B. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
- C. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- E. TIE NEW CURB TO EXISTING CURB AT JOINT.
- F. INSTALL STANDARD TYPE "A" CURB.
- G. INSTALL FLAT AREA (48:1) REPLACING EXISTING BROKEN SIDEWALK SECTION.
- H. INSTALL CUT-THROUGH ISLAND OPENING (STANDARD NO. MD 655.21).
- J. REMOVE EXISTING HANDICAPPED RAMP AND BACKFILL.

CROSSWALK / CROSSHATCH TYPICAL

SCALE: 1" = 5'



GEOMETRIC LEGEND

PROPOSED SIDEWALK / CURB _____

EXISTING SIDEWALK / CURB - - - - -

PROPOSED SIDEWALK / ADA RAMP / CURB [Hatched Box]

NOTE: SIDEWALK JOINTS ARE APPROXIMATE

TOD NO: XX445-31
SHA NO: MO206A59/B59
MD 198 @ Old Columbia Pike/School Access Rd

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy., NW
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637
5896ada.dgn

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 198 (SPENCERVILLE RD) AND
OLD COLUMBIA PIKE/ BURTONSVILLE
ELEMENTARY SCHOOL DRIVEWAY

ADA RAMP DETAIL PLAN

SCALE 1" = 10' DATE 1-10-11 CONTRACT NO. XX4455185

DESIGNED BY R R ZACHERL COUNTY MONTGOMERY
DRAWN BY J W J NIES LOGMILE 15019803.15
CHECKED BY [Signature] TMS NO. K515
F.A.P. NO. TOD NO.

TS NO. 4088A DRAWING NO. 2 OF 3 SHEET NO. OF

TS: 4008

17/10/2011 11:06:33 AM