

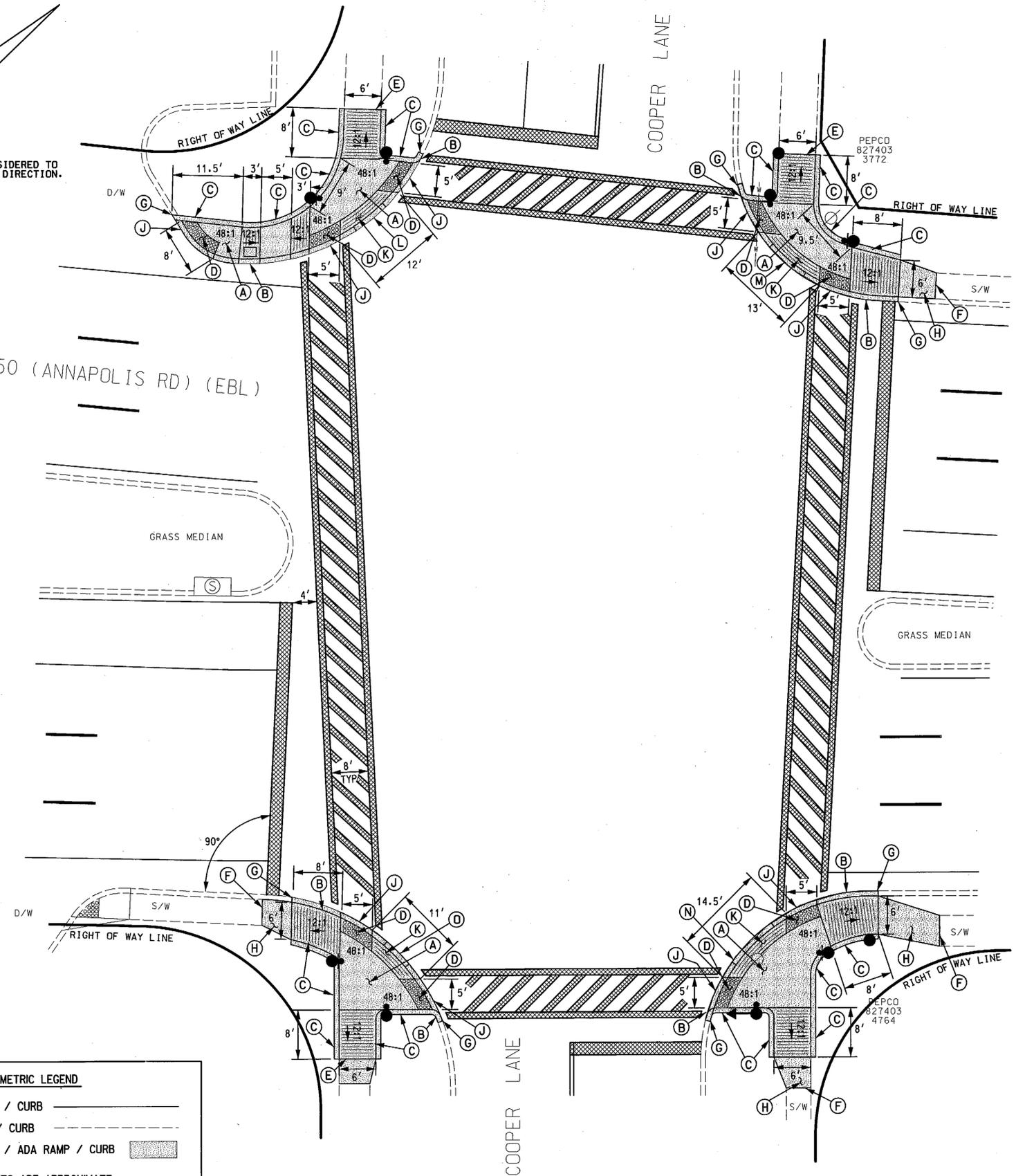
BORDER REV. DATE: June 1, 2004

DRILL HOLES

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NOTE: MD 450 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.



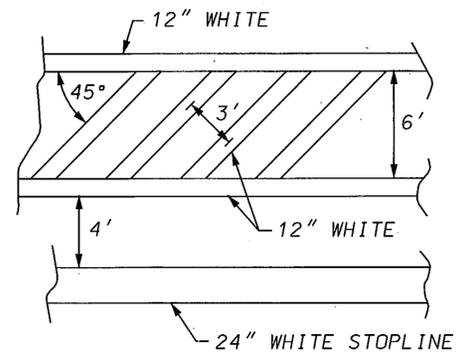
APS NOTES:

1. 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%.
2. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
3. Pushbutton arrows are to be parallel to the crossing for which they are intended.
4. 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.
5. APS will function as follows:
 - TO CROSS ANNAPOLIS ROAD
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Annapolis at Cooper 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 COOPER LANE
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Cooper at Annapolis 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.

CONSTRUCTION DETAILS

- A. Install parallel sidewalk ramp (Std No. MD 655.12).
- B. Install standard Type 'A' combination curb and gutter (Standard No. MD 620.02)
- C. Install 8" curb as shown.
- D. Install detectable warning surface (Standard No. MD 655.40).
- E. Tie in ramp with existing sidewalk at joint.
- F. Tie in sidewalk with existing sidewalk at joint.
- G. Tie new curb to existing curb at joint.
- H. Install sidewalk section as shown.
- J. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02) (depressed)
- K. Install sidewalk sloped from top of curb to 48:1 in 2'.
- L. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02). Slope curb from grade to 3" height in 3' with 6" of 3" curb and slope back to grade in 3'.
- M. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02). Slope curb from grade to 3" height in 3' with 7" of 3" curb and slope back to grade in 3'.
- N. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02). Slope curb from grade to 3" height in 3' with 9" of 3" curb and slope back to grade in 3'.
- O. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02). Slope curb from grade to 3" height in 3' with 5" of 3" curb and slope back to grade in 3'.

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

ST
STREET TRAFFIC STUDIES, LTD.
400 Credit Alley, N.W.
Glen Burnie, MD 21061
Ph: (410) 590-5500
Fax: (410) 590-6637
6059ada.dgn T-143

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 450 (ANNAPOLIS RD) AND
COOPER LANE
LANDOVER, MARYLAND

ADA RAMP DETAIL PLAN

SCALE 1" = 10' DATE 5/18/12 CONTRACT NO. XX4395185

DESIGNED BY R R ZACHERL COUNTY PRINCE GEORGES
DRAWN BY W J NIES LOGMILE 1604500.20
CHECKED BY _____ TMS NO. K924
F.A.P. NO. _____ TOD NO. _____

TS NO. 430D DRAWING NO. 2 OF 3 SHEET NO. OF