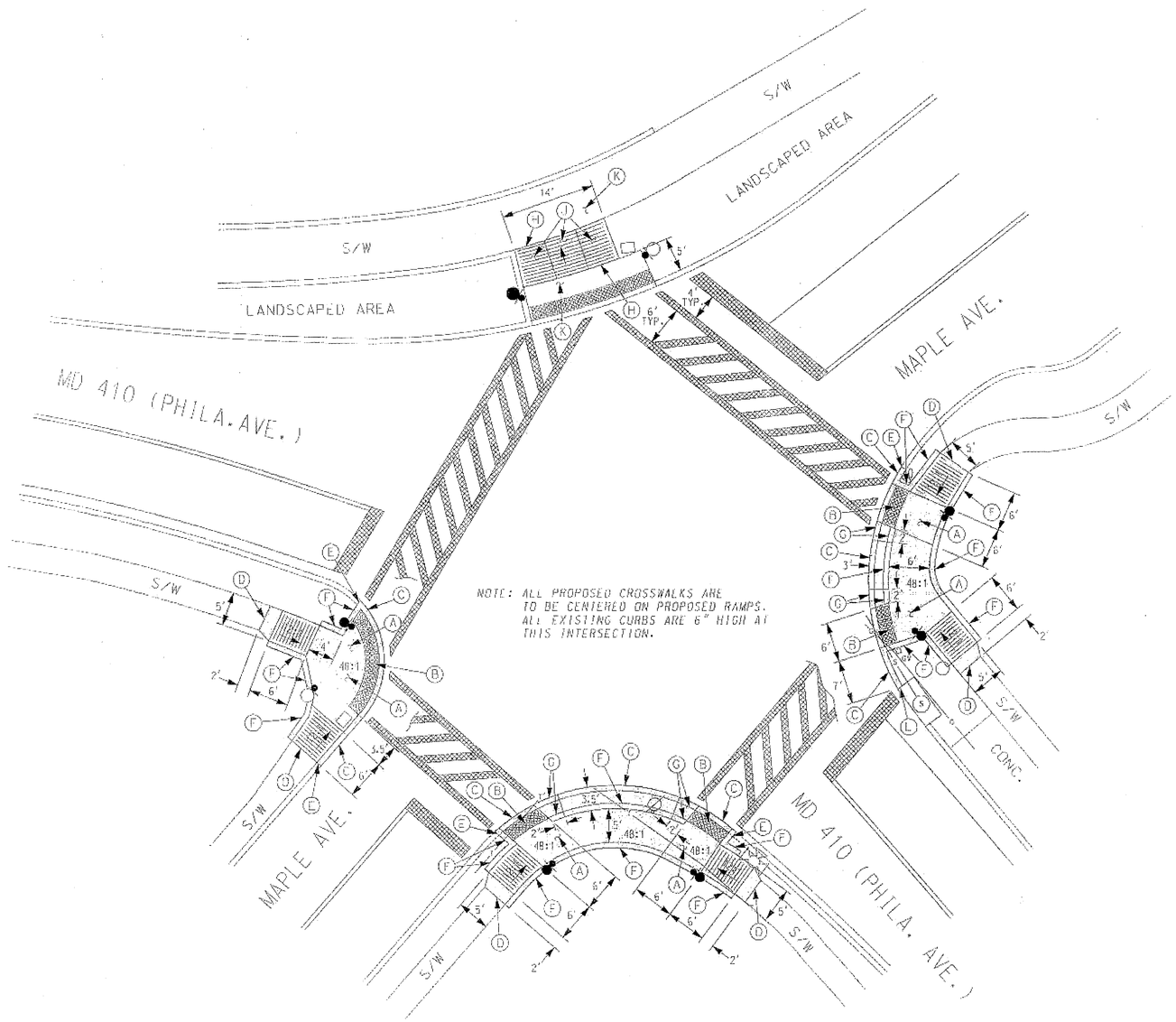
NOTE: MD 410 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.



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 PHILADELPHIA AVE

a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message " wait to cross Philadelphia at Maple 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 MAPLE AVENUE

a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message " wait to cross Maple at Philadelphia 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 655.121).

B. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.401).

C. INSTALL STANDARD TYPE "D" 6" HIGH COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02-011).

D. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.

E. TIE NEW CURB TO EXISTING CURB AT JOINT.

F. INSTALL STANDARD TYPE "D" CURB 6" HIGH (STANDARD NO. MD 620.02-011).

G. INSTALL STANDARD TYPE "D" CURB 6" HIGH (STANDARD NO. MD 620.02-011). INSTALL ON SLOPE FROM SIDEWALK LEVEL TO 6" HEIGHT IN 2' AS SHOWN.

H. SAWCUT SIDEWALK/RAMP AT JOINT.

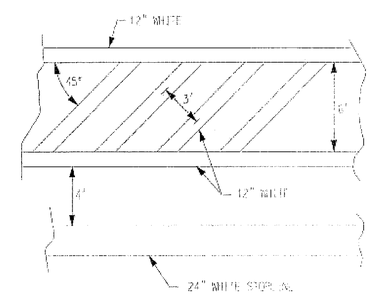
J. REMOVE EXISTING SIDEWALK AREA. INSTALL CONDUIT AS SHOWN ON SIGNAL PLAN AND REPLACE SIDEWALK.

K. EXISTING SIDEWALK / RAMP TO REMAIN.

L. TIE NEW CURB TO EXISTING CONCRETE INLET.

CROSSWALK / CROSSHATCH (TYPICAL)

SCALE: 1" = 5'



TOD NO: XX427-22
SHA NO: MO228858
MD 410 @ Maple Avenue

Greenline Revision
Dated June 14, 2011

SHA MDOT SHA O.O.T.S.
S.H.A. Approval Date
T.S. # 70 T.I.M.S. # 6517

GEOMETRIC LEGEND

PROPOSED SIDEWALK / CURB

EXISTING SIDEWALK / CURB

PROPOSED SIDEWALK / ADA RAMP / CURB

NOTE:
SIDEWALK JOINTS ARE APPROXIMATE

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 410 (PHILADELPHIA AVENUE) AT MAPLE AVENUE

ADELPHIA PARK, MARYLAND

ADA RAMP DETAIL PLAN

SCALE 1" = 10' DATE 9/10/2011 CON. NO. XX4275185

DESIGNED BY H.W. ZACHER COUNTY MONTGOMERY
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