

APS NOTES:

- 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%.
- THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- 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.
- APS WILL FUNCTION AS FOLLOWS:

TO CROSS UNIVERSITY AT RHODE ISLAND

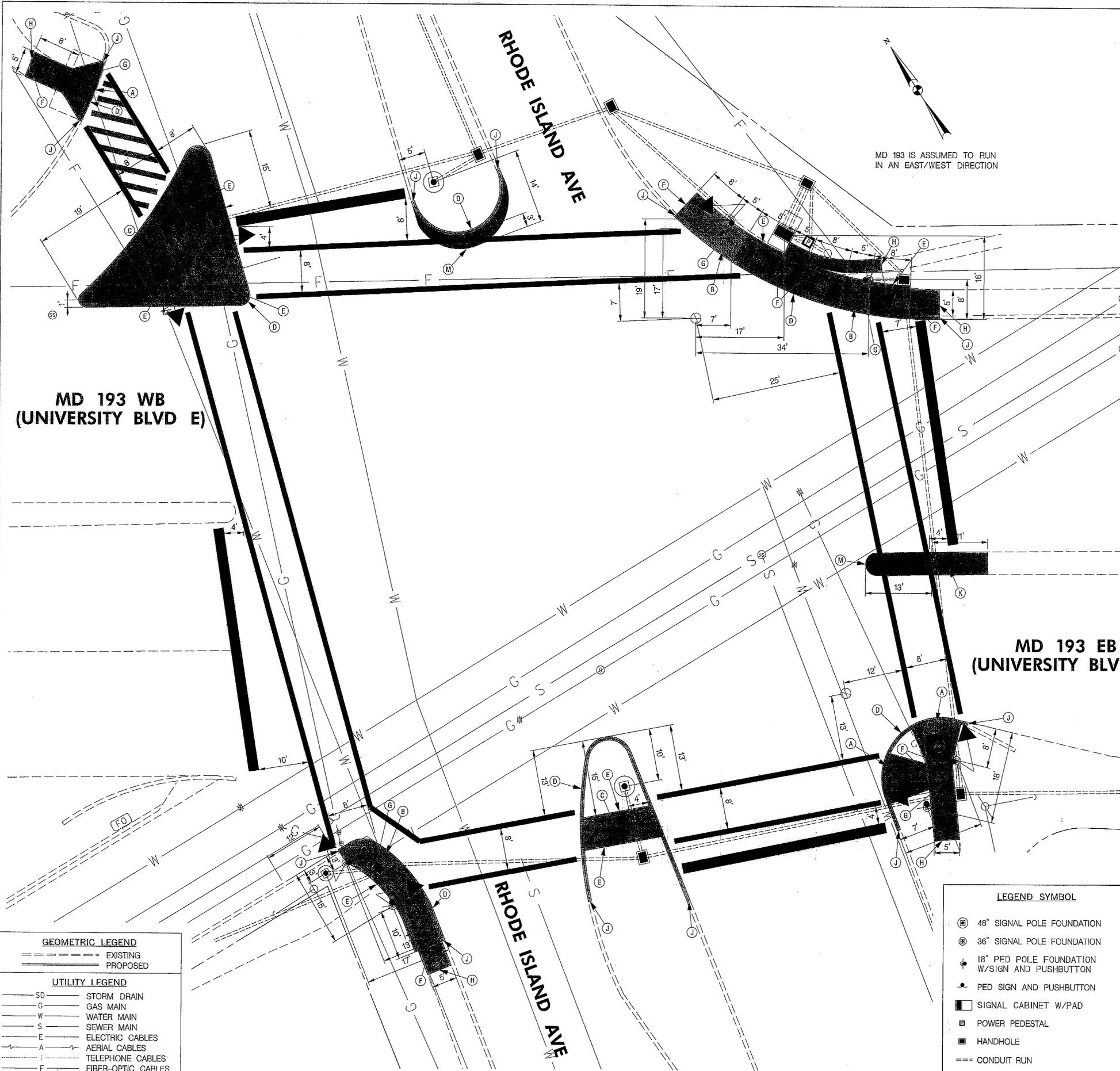
- WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS UNIVERSITY AT RHODE ISLAND, WAIT."
- WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS RHODE ISLAND AT UNIVERSITY

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GEOMETRIC CONSTRUCTION DETAILS:

- INSTALL PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11).
- INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- INSTALL CUT-THROUGH WALKWAY (STANDARD NO. MD 655.21).
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02) (NOTE: SLOPE OF CURB TO MATCH SIDEWALK GRADE).
- INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
- BEGIN 12:1 RAMP.
- 48:1 LEVEL LANDING AREA.
- TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- TIE NEW CURB TO EXISTING CURB AT JOINT.
- CUT BACK MEDIAN AND INSTALL MONOLITHIC CONCRETE MEDIAN TYPE A-3 (STANDARD NO. MD 645.01).
- REPAVE WHERE EXISTING MEDIAN WAS REMOVED.



MD 193 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

MD 193 WB
(UNIVERSITY BLVD E)

MD 193 EB
(UNIVERSITY BLVD E)

REDLINE 1
ADDITION OF SIGNAL TO PROJECT PG8925177

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC CABLES

LEGEND SYMBOL	DESCRIPTION
⊙	48" SIGNAL POLE FOUNDATION
⊙	36" SIGNAL POLE FOUNDATION
⊕	18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
⊙	PED SIGN AND PUSHBUTTON
□	SIGNAL CABINET W/PAD
■	POWER PEDESTAL
■	HANDHOLE
---	CONDUIT RUN

GEOMETRIC LEGEND	
■	NEW SIDEWALK AND ADA HANDICAP RAMP
■	NEW FULL DEPTH ASPHALT

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 193 (UNIVERSITY BLVD E) AND
RHODE ISLAND AVE
COLLEGE PARK, MD

GEOMETRIC PLAN SHEET			
SCALE 1" = 10'	ADVERTISED DATE 09/2012	CONTRACT NO. PG8925177	
DESIGNED BY CW	COUNTY PRINCE GEORGE'S		
DRAWN BY CW	LOGMILE 16019304.44		
CHECKED BY RM	TIMS NO. L274		
F.A.P. NO.	TOD NO.		
TS NO. 905B	DRAWING SG-3	OF 3	SHEET NO. 3 OF 26

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