



MD 765 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING LED SIGNALS TO REMAIN

1,2, 5,6	3,4,7, 8,11,14	9,10, 12,13	15,17
16" COUNTDOWN PEDESTRIAN SIGNAL			
12"	12"	46	12"

EXISTING LED SIGNALS TO BE REMOVED



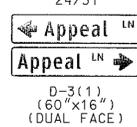
16" COUNTDOWN PEDESTRIAN SIGNAL

PROPOSED LED SIGNALS

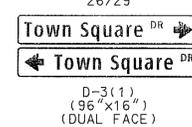


16" COUNTDOWN PEDESTRIAN SIGNAL

EXISTING SIGNS TO REMAIN



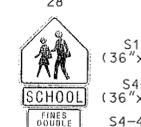
Town Square DR



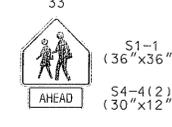
Town Square DR



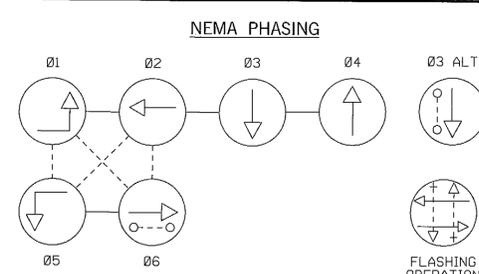
SCHOOL



SCHOOL

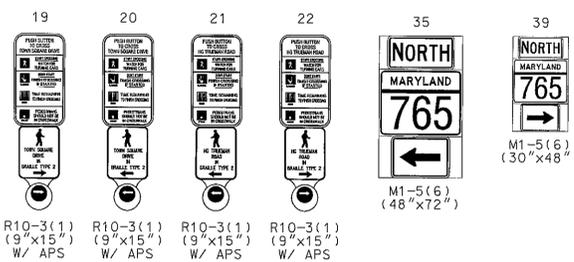


SCHOOL

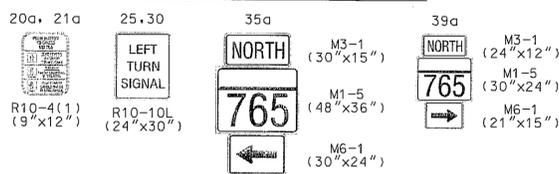


PHASING NOTES: 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY. 2. PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

PROPOSED SIGNS



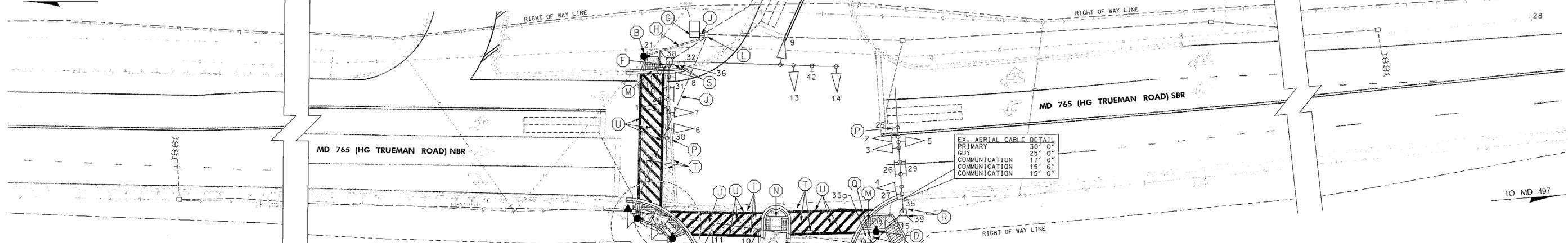
EXISTING SIGNS TO BE REMOVED



EXISTING SIGN TO BE RELOCATED



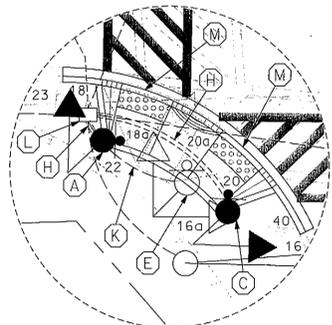
TO SOLOMONS ISLAND



CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD-801.01-01), LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON WITH R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS HG TRUEMAN ROAD") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE).
- B. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD-801.01-01) AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON WITH R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS HG TRUEMAN ROAD") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE).
- C. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD-801.01-01), LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON WITH R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS TOWN SQUARE DRIVE") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE).
- D. INSTALL CONCRETE FOUNDATION WITH 5 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY BASE (STANDARD NO. MD-801.01-01) AND AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON WITH R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS TOWN SQUARE DRIVE") (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN POLE BASE).
- E. REMOVE EXISTING PEDESTAL POLE AND ALL ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- F. REMOVE EXISTING PUSHBUTTON, SIGN, AND ASSOCIATED ELECTRICAL CABLE ONLY.
- G. USE EXISTING SIGNAL CONTROLLER CABINET. INSTALL 2-WIRE CENTRAL CONTROL UNIT.
- H. INSTALL 2 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT (TRENCHED).
- J. USE EXISTING CONDUIT.
- K. CAP AND ABANDON EXISTING CONDUIT.
- L. USE EXISTING HANDHOLE.
- M. INSTALL SIDEWALK RAMP (MODIFIED STANDARD NO. MD-655.12) WITH DETECTIBLE WARNING SURFACE (STANDARD NO. MD-655-40) AND TYPE 'A' CURB AND GUTTER.
- N. INSTALL SIDEWALK CUT THROUGH (MODIFIED STANDARD NO. MD-655.21) WITH DETECTIBLE WARNING SURFACE (STANDARD NO. MD-655-40) AND TYPE 'A' CURB AND GUTTER.
- P. REMOVE EXISTING OVERHEAD SIGN.
- Q. REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORT.
- R. INSTALL PROPOSED SIGN ON EXISTING SIGNAL POLE.
- S. RELOCATE EXISTING SIGN TO EXISTING SIGNAL POLE (PAYMENT IS COVERED BY ITEM 8040). REMOVE EXISTING SUPPORT.
- T. REMOVE EXISTING PAVEMENT MARKINGS.
- U. INSTALL 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES FOR CROSSWALK.
- V. INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES FOR STOPLINE.

REFER TO INSET A



INSET A SCALE: 1"=10'

GENERAL NOTES

- 1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- 3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO ANY SIDEWALKS CAUSED BY THE INSTALLATION OR REMOVAL OF SIGNAL EQUIPMENT.
- 4. ALL SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE TO MEET CLEARANCES AS SPECIFIED IN MD 816.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE LOCATIONS AND GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND SHALL PROPERLY LABEL EACH CABLE. ALL UNUSED SIGNAL CABLE SHALL BE PROPERLY REMOVED AND DISPOSED.
- 6. ALL EXISTING TRAFFIC EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- 7. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF THE LATEST MD-MUTC CHAPTER 4 "PEDESTRIAN CONTROL FEATURES" SEC. 4E.08 AND THE LATEST NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". NOTE: SHOULD FIELD CONDITIONS OBSTRUCT PROPER EQUIPMENT LOCATIONS, THE CONTRACTOR SHALL STOP ALL WORK AND NOTIFY THE SHA ENGINEER FOR REVIEW. AN ALTERNATE DESIGN WAIVER MAY BE NECESSARY AND OBTAINED FOR APPROVAL BY THE DIRECTOR, OFFICE OF TRAFFIC & SAFETY.
- 8. THE CONTRACTOR SHALL DELIVER APS PUSHBUTTONS AND THE CENTRAL CONTROL UNIT TO THE SHA SIGNAL SHOP FOR TESTING AT LEAST 3 WEEKS PRIOR TO THE BEGINNING OF WORK.
- 9. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- 10. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18 INCHES FROM A 60-INCH BY 60-INCH LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2 PERCENT.
- 11. THE 10-FOOT SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM THE FACE OF THE PUSHBUTTON TO THE FACE OF PUSHBUTTON, NOT FROM CENTER OF POLE TO CENTER OF POLE.
- 12. REFER TO GEOMETRIC DETAIL SHEET NO. 2 FOR CURB RAMP DETAILS AND DIMENSIONS.

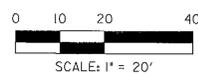
TOD NO: XX525-03
SHA NO: CA230B51
MD 765 @ Appeal Lane/Town Square Drive

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
**MD 765 (HG TRUEMAN ROAD) AT
APPEAL LANETOWN SQUARE DRIVE
LUSBY, MARYLAND**

APPROVALS		REVISIONS	
TEAM LEADER	ASST. DIV. CHIEF	1. INSTALL APS, CPS, AND ADA COMPLIANT CURB RAMPS	06/26/13 SHA NO. X1264986 TIMS NO. 1894
DIVISION CHIEF	OFFICE DIRECTOR	2. INSTALL EXISTING LEFT TURNS, SPLIT PHASING AND COUNTDOWN HEADS	SEPTEMBER 1, 2013 SHA NO. AT7825196
DESIGNED BY: DAE		COUNTY: CALVERT	
DRAWN BY: CHYDAE		LOGMILE: 04076502.35	
CHECKED BY: BLB		T.I.M.S. NO.	
F.A.P. NO.		T.O.D. NO.	
T.S. NO. 3997B		SG-01 OF SG-03	
SHEET NO. 1		OF 3	

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GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
---	STORM DRAIN
---	GAS MAIN
---	WATER MAIN
---	SEWER MAIN
---	ELECTRIC CABLES
---	AERIAL CABLES
---	TELEPHONE CABLES
---	FIBER-OPTIC



SCALE: 1"=20'

BY: P.Kerney