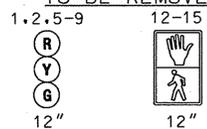
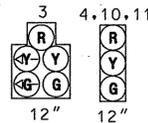


MD 261 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS TO BE REMOVED



EXISTING SIGNALS TO REMAIN



NOTE: SIGNALS 3, 4, 10 AND 11 ARE OPTICALLY PROGRAMMED

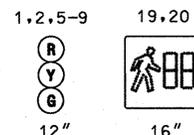
EXISTING SIGNS TO BE REMOVED



EXISTING SIGNS TO REMAIN



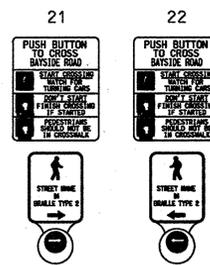
PROPOSED L.E.D. SIGNALS



PROPOSED VIDEO DETECTION CAMERAS

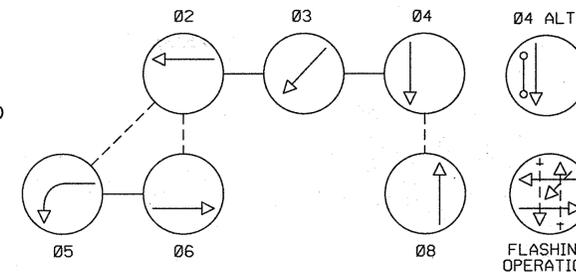
a, b, c, d, e

PROPOSED AUDIBLE PUSHBUTTON AND SIGN



BAYSIDE ROAD

NEMA PHASING



R10-4(1) 9"x12"

NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES

1. ABANDON ALL EXISTING LOOP DETECTORS AND REMOVE EXISTING 2-CONDUCTOR CABLE FROM HANDHOLES, CONDUIT AND CABINET.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. FOR ADDITIONAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING / SIGNING PLANS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND AND AERIAL UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT.

GENERAL NOTES (CONT.)

6. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
7. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, OR AT THE HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04.
8. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES AND LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
9. ALL UNUSED ELECTRICAL CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
10. ACCESSIBLE PEDESTRIAN CONTROL EQUIPMENT SHALL BE DELIVERED TO THE SHA SIGNAL SHOP FOR TESTING AND PROGRAMMING PRIOR TO INSTALLATION. CONTACT MR. EDWARD RODENHIZER TO COORDINATE AT 410-787-7652.

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

CONSTRUCTION DETAILS

- A. INSTALL NEW L.E.D. SIGNAL HEADS AND VIDEO DETECTION CAMERAS ON EXISTING MAST ARM. REMOVE EXISTING SIGNAL HEADS AND SIGN AS NOTED.
- B. INSTALL VIDEO DETECTION CAMERA ON EXISTING LIGHTING ARM.
- C. INSTALL NEW L.E.D. SIGNAL HEADS ON EXISTING MAST ARM POLE. REMOVE EXISTING SIGNAL HEADS AS NOTED.
- D. INSTALL L.E.D. PEDESTRIAN COUNTDOWN SIGNAL HEAD, APS PUSHBUTTON AND SIGN ON EXISTING PEDESTAL POLE. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD.
- E. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH L.E.D. PEDESTRIAN COUNTDOWN SIGNAL HEAD, PUSHBUTTON AND SIGNS AT STATION 123+96 OFFSET 25.8' RT. (NOTE: INSTALL 1-3 IN. PVC CONDUIT BEND)
- F. INSTALL L.E.D. SIGNAL HEAD ON EXISTING PEDESTAL POLE. REMOVE EXISTING SIGNAL HEAD.
- G. CAP AND ABANDON EXISTING CONDUIT (PAYMENT FOR THIS ITEM SHALL BE INCIDENTAL TO "REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT")
- H. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS AND PUSH BUTTON FROM SIGNAL POLE. PLUG ALL UNUSED HOLES.
- J. INSTALL DETECTION RACK AND VIDEO DETECTION INTERFACE EQUIPMENT INTO EXISTING CABINET.
- K. ADJUST ELECTRICAL HANDHOLE FRAME AND COVER TO EXISTING GRADE
- L. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
- M. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

CONSTRUCTION DETAILS (CONT.)

- N. PROPOSED VIDEO DETECTION ZONE
- P. USE EXISTING CONDUIT
- Q. USE EXISTING HANDHOLE
- R. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- S. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- T. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD. PLUG UNUSED HOLES IN POLE.

ADDENDUM NO. 2
3/30/06
REPLACES SHEET 106

BY: \$USERNAMES

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APPROVALS	REVISIONS
<p>TEAM LEADER</p> <p>ASSY. DIV. CHIEF</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p>	<p>© INSTALL COUNTDOWN PEDESTRIAN SIGNALS, APS PUSHBUTTONS AND VIDEO DETECTION CONTRACT C44215184</p> <p>D/E [Signature]</p> <p>B INSTALL EXCLUSIVE / PERMISSIVE LEFT-TURN PHASING ON SOUTHBOUND MD 261</p> <p>A REDESIGN TRAFFIC SIGNAL DISPLAY TO AVOID UTILITY CONFLICTS, ADD INDICATIONS AND DETECTION FOR MARGA DRIVEWAY</p>

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 261 (BAYSIDE RD) AND
MEARS AVE / HARBOR ROAD
CHESAPEAKE BEACH, MARYLAND

TRAFFIC SIGNAL PLAN			
SCALE	1"=20'	DATE	MARCH, 2003
CONTRACT NO.	23855125068019	DESIGNED BY	J.E.H./J.A.
COUNTY	CALVERT	DRAWN BY	J.F.L.
LOGMILE	04026105.73	CHECKED BY	
TMS NO.	H420	FAP NO.	STP-G-1993(048)E
TOD NO.		TS NO.	3328C
DRAWING	OF	SHEET NO.	108A OF 146

PLOTTED: 02/26/2003
FILE: SFLB