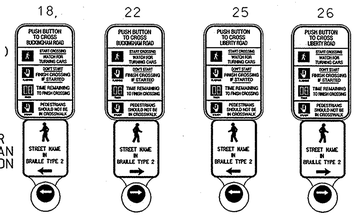
1 PROPOSED SIGNS

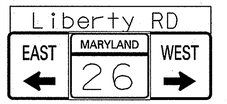
1 RENUMBERED FOR THE COORDINATION OF OPERATION WITH CROYDON ROAD SEE SHEET # 15

1 R10-4(1) NEW MOD 9"x12"

1 NAVIGATOR PEDESTRIAN PUSHBUTTON AND SIGN



30



D3-2 DUAL FACED VARx16"

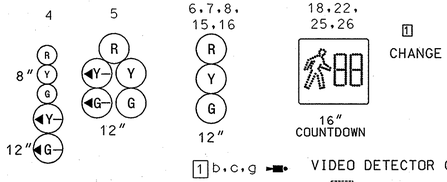
34

M95-1(MOD) VARx 42"

MD 26 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

1 PUSHBUTTON SIGN NUMBERS INDICATE THE ASSOCIATED PEDESTRIAN SIGNAL HEAD NUMBER

1 PROPOSED LED SIGNAL HEADS



1 CHANGE

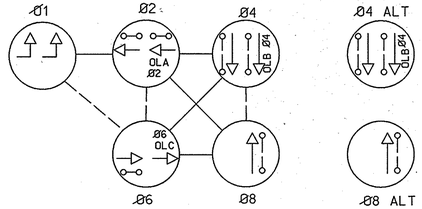
1 b,c,g VIDEO DETECTOR CAMERA

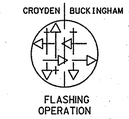
DETECTOR ZONE

M METERED SERVICE PEDESTAL

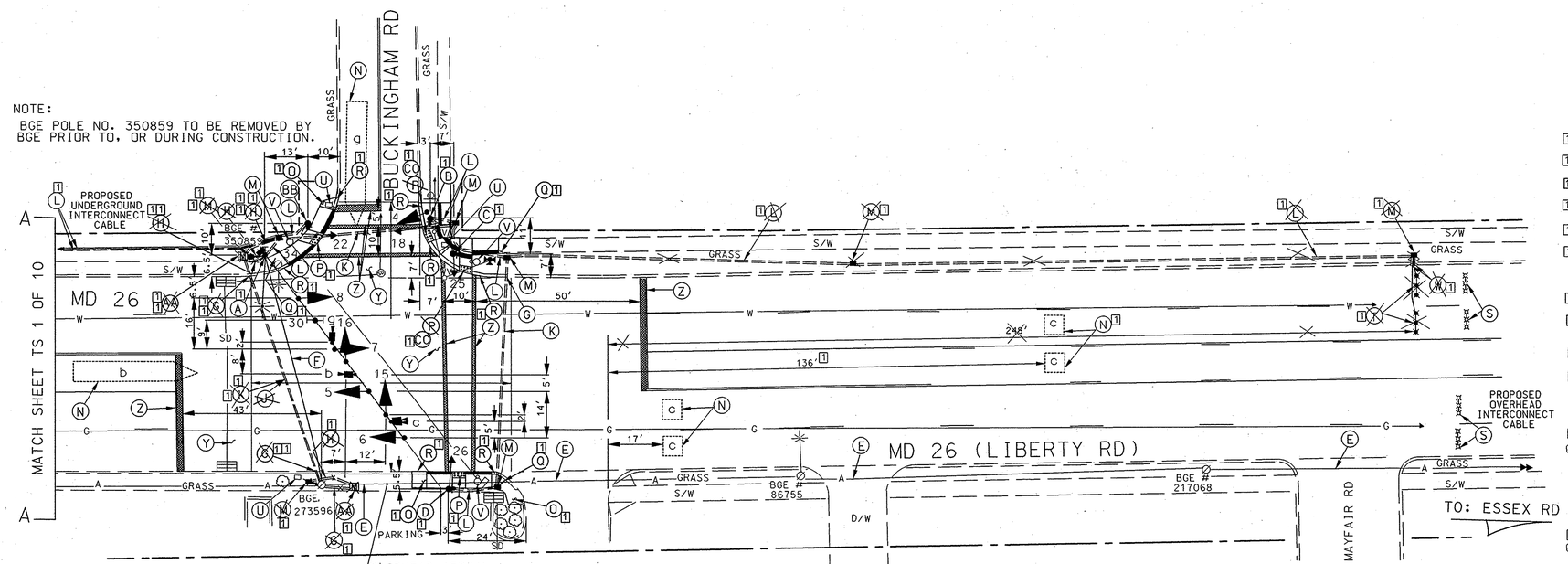
1 2' BRICK PAVERS

NEMA PHASING





NOTE:
BGE POLE NO. 350859 TO BE REMOVED BY BGE PRIOR TO, OR DURING CONSTRUCTION.



CONSTRUCTION DETAILS

1 A. INSTALL 27' STEEL POLE WITH 70' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO CAMERAS, 15' LIGHTING ARM WITH 250 WATT HPS LUMINAIRE, ~~AND TERMINAL CONTROLLER~~ OMIT ~~IN A POLE MOUNTED CABINET.~~ (NOTE: 1-3" & 2-2" 90° PVC BEND, 3" WEATHERHEAD).

1 B. INSTALL 14' PEDESTAL POLE WITH BREAKAWAY BASE, TRAFFIC SIGNAL HEAD, COUNTDOWN PEDESTRIAN SIGNAL HEAD AND NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON AND SIGN NO. 15, (NOTE: 1-3" PVC BEND). RELOCATED DUE TO THE RAMP

1 C. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AND NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON AND SIGN NO. 16, (NOTE: 1-3" 90° PVC BEND). RELOCATED DUE TO THE RAMP

1 D. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AND NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON AND SIGN NO. 17, (NOTE: 1-3" 90° PVC BEND). RELOCATED DUE TO THE RAMP

GENERAL NOTES:

1. ALL UNDERGROUND UTILITIES SHOWN ON 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 THE UTILITIES AND THE PROPOSED TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTION, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL PROPOSED SIGNAL EQUIPMENT.

OMIT 1 3. THE CONTRACTOR ~~SHALL~~ PURCHASE AND DELIVER ~~NAVIGATOR~~ CENTRAL CONTROL UNIT FOR THE CONTROLLER TO SHA ~~SIGNAL SHOP AT 7491 CONNELLEY DRIVE, HANOVER, MD 21076. MR. EDWARD RODENHIZER AT(410) 787-7652 SHALL BE CONTACTED AT LEAST THREE (3) DAYS PRIOR TO THE DELIVERY.~~

4. PROPOSED SIGNAL EQUIPMENT SHALL BE INSTALLED PRIOR TO 5" SIDEWALK AND THE PEDESTRIAN BRICK PAVERS.

1 5. THIS INTERSECTION IS COORDINATED WITH MD 26 AND CROYDON RD. ~~THE VIDEO DETECTOR CAMERA~~ CABLES FROM BUCKINGHAM RD. AND INTERCONNECT CABLE FROM MD 26 AND ESSEX RD. SHALL CONTINUE TO THE MASTER CONTROLLER/CABINET AT CROYDON RD.

6. THE CONDUIT AND CURB MODIFICATION SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.

ALL OPERATIONAL SIGNAL

UTILITY LEGEND

O	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
BC	BURIED CABLES
SD	STORM DRAIN

CONSTRUCTION DETAILS cont.

E. REMOVE EXISTING OVERHEAD INTERCONNECT CABLE AND INSTALL PROPOSED I/C CABLE, IN KIND.

F. INSTALL PROPOSED INTERCONNNECT CABLE OVERHEAD FROM THE MAST ARM POLE TO BGE POLE NO. 273596.

1 G. INSTALL 4" SCHEDULE 80 PVC CONDUIT - TRENCHED.

1 H. INSTALL 2" SCHEDULE 80 PVC CONDUIT - TRENCHED.

1 ~~J. INSTALL 2" SCHEDULE 80 PVC CONDUIT - SLOTTED.~~ CHANGED TO 'K'

1 K. INSTALL 4" SCHEDULE 80 PVC CONDUIT - SLOTTED.

1 L. INSTALL 3" SCHEDULE 80 PVC CONDUIT - TRENCHED.

1 M. INSTALL ELECTRICAL HANDHOLE.

N. CAMERA DETECTOR ZONE.

1 O. EXCAVATE THE AREA IDENTIFIED AND INSTALL 5" SIDEWALK.

1 P. EXCAVATE AND INSTALL PEDESTRIAN TYPE $\frac{655.12}{A}$ RAMP WITH 2' OF BRICK PAVERS AT THE ROAD EDGE.

1 Q. EXCAVATE EXISTING AND INSTALL PROPOSED 5" SIDEWALK.

1 R. REMOVE EXISTING CURB AND GUTTER AND INSTALL STANDARD TYPE 'A' ~~(DEPRESSED).~~ 8" CURB AND 12" GUTTER PAN.

S. DISCONNECT AND ABANDON EXISTING PROBES.

1 T. OMIT ~~INSTALL MICROLOOP PROBE SETS WITH 500' LEND-IN CABLE TO CONTROLLER.~~

U. REMOVE EXISTING HANDHOLE, CAP AND ABANDON EXISTING CONDUIT.

V. REMOVE EXISTING POLE AND ALL ATTACHED EQUIPMENT AND FOUNDATION 12" BELOW GROUND GRADE.

1 W. OMIT ~~INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METELLIC CONDUIT FOR DETECTOR SLEEVE.~~

Y. REMOVE EXISTING PAVEMENT MARKINGS, NOT SHOWN.

Z. INSTALL PROPOSED PAVEMENT MARKINGS, AS INDICATED.

~~RELOCATED TO THE NORTHSIDE~~

1 1 AA. OMIT INSTALL ~~METERED~~ SERVICE PEDESTAL (~~NOTE: 1-4" 90° BEND~~ WITH 4" CONDUIT TO ~~BGE POLE NO. 273596.~~ PROVIDE A 1' STUB AT THE POLE BASE, ~~A PULL STRING~~ AND A 1-2" 90° BEND TO HANDHOLE ~~AND A 1-2"~~ BEND TO CONTROLLER AND CABINNET.

BB. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AND NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON AND SIGN NO. 14, (NOTE: 1-3" 90° PVC BEND).

1 CC. EXCAVATE AND INSTALL PEDESTRIAN RAMP TYPE 655.13 WITH 2' OF BRICK PAVER AT ROAD EDGE.

TS 2 OF 10

GREENLINE REVISION 1 /06

REDLINE REVISION 1 /06

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031
Phone: (410) 823-8070 Fax: (410) 823-2184

REVISIONS

E RECONST. TO MAST ARMS, ADD VIDEO CAMERAS & AUDIO PED'S SHA NO. BA 4845176 R/TIMS # G503 1					12/05/05 1
EMM	TH				
D INSTALL MD 26 DETECTORS					7/94
SEW					
C ADD E/P LT WESTBOUND					5/88
GHP	SEW				
B STEEL POLE, LOOPS, AND 12" HEADS					8/77
MSF	CPN				

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
MD 26 AT BUCKINGHAM ROAD

DRAWN BY:	E.L.FEIST	F.A.P. NO.		TS NO. 4437E	SHEET NO. 16 OF 28
CHECKED BY:	XXXXX	S.H.A. NO.	?		
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO. G503	
DATE:	1/26/68	LOG MILE:	03002608.57		

THISISWHERE$YOUR$FILENAME$WILL$PLOT THIS$SPACE$ISFORTHE$DATE