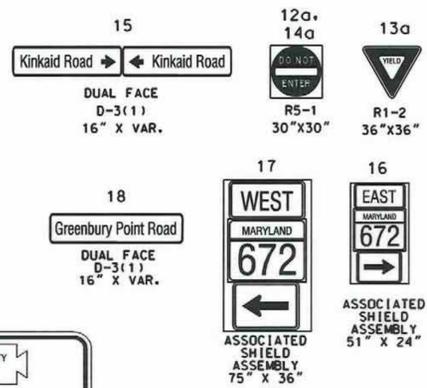
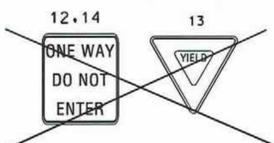


MD 672 (GREENBURY POINT ROAD) IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

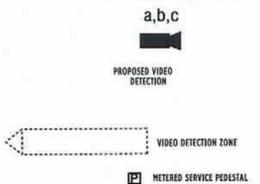
PROPOSED SIGNS



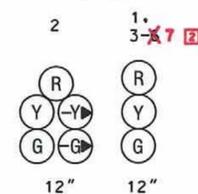
REMOVE EXISTING SIGNS



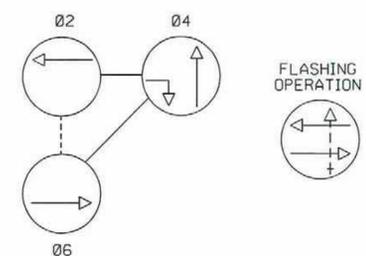
PROPOSED CAMERA



PROPOSED LED SIGNAL HEADS



NEMA PHASING



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

GENERAL NOTES:

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. 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.
4. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE UNUSED CABLES FROM THE EXISTING HANDHOLES AND CONDUIT.
5. ALL EXISTING SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL.
6. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY MR. ROBERT SNYDER OF SHA AT (410) 787-7631 TO ARRANGE FOR THE PHONE DROP LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MR. SNYDER WITH THE NEAREST STREET ADDRESS, ZIP CODE, AND PHONE NUMBER.
7. ALL PROPOSED LUMINAIRE SHALL BE SUPPLIED WITH A PHOTOCELL.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
9. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

CONSTRUCTION DETAILS

- A. INSTALL STEEL MAST ARM POLE 27' WITH TWIN 50' MAST ARMS (CUT MAINLINE ARM TO 30' AND SIDE STREET ARM TO 35'). CONCRETE FOUNDATION, L.E.D TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERAS, 15' LIGHTING ARM AND 250" WATT HPS LUMINAIRE AND SIGNS (NOTE: 1-3" PVC BEND).
- B. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- C. INSTALL HANDHOLE.
- D. INSTALL NEMA 6 BASE MOUNTED CABINET AND CONTROLLER WITH NECESSARY EQUIPMENT NEXT TO EXISTING CABINET.
- E. DISCONNECT AND REMOVE EXISTING OVERHEAD SERVICE BY BGE.
- F. VIDEO DETECTION ZONE.
- G. REMOVE EXISTING SPAN POLE WITH ALL ATTACHED EQUIPMENT AND THE FOUNDATION 12" BELOW GROUND GRADE AND BACKFILL.
- H. REMOVE EXISTING SPAN WIRE, AND SIGNAL HEADS.
- J. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICTS WITH PROPOSED PAVEMENT MARKING (EXISTING PAVEMENT MARKING NOT SHOWN ON PLAN).
- K. REMOVE EXISTING GROUND MOUNTED SIGN(S) AND REPLACE WITH PROPOSED SIGN(S) ON ONE 4" X 4" WOOD SUPPORT AS SHOWN.
- L. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED).
- M. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED, LEAVING 1' STUB ABOVE GROUND AND IDENTIFY FOR SERVICE AT POLE C&P #5/G&E 207754.47416).
- N. INSTALL ASSOCIATED SHIELD ASSEMBLY ON ONE 4" X 6" WOOD SUPPORTS
- O. INSTALL METERED SERVICE PEDESTAL.
- P. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED, LEAVING 1' STUB ABOVE GROUND AND IDENTIFY FOR PHONE DROP AT POLE C&P #5/G&E 207754.47416).
- Q. INSTALL 2 - 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- R. DISCONNECT EXISTING CONTROLLER AND REMOVE EXISTING CABINET AND CONTROLLER. CAP AND ABANDON ALL EXISTING CONDUIT.
- S. INSTALL 24" HEAT APPLIED WHITE PERMANENT PERFORMED THEROPLASTIC PAVEMENT MARKING.
- T. INSTALL 5" HEAT APPLIED DOUBLE YELLOW PERMANENT PERFORMED THEROPLASTIC PAVEMENT MARKING.
- U. TIE INTO EXISTING PAVEMENT MARKINGS.

- V. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT (BORED).
- W. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED).
- X. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED).
- Y. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT (BORED).
- Z. INSTALL PROPOSED SIGNAL HEAD.

TEDD APPROVAL - RED LINE #2
INSTALL ADDITIONAL SIGNAL HEAD - 3/3/09

W. Wood 3/3/09

BY: WSTROUD

GEOMETRIC LEGEND	
---	EXISTING
- - -	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
GD	GAS MAIN
WM	WATER MAIN
SM	SEWER MAIN
EC	ELECTRIC CABLES
TC	TELEPHONE CABLES
FO	FIBER-OPTIC

CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031

APPROVALS	REVISIONS
TEAM LEADER	RECONST. OF TRAFFIC SIGNAL WITH LED SIGNAL HEADS, VIDEO DETECTION, SHA# AT9155185 TINS# H 770 3/2008
ASST. DIV. CHIEF	E.N.B.
DIVISION CHIEF	
OFFICE DIRECTOR	

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 672 (GREENBURY POINT ROAD) AT
KINKAID ROAD IN ANNAPOLIS, MD

TRAFFIC SIGNAL PLAN	
SCALE 1" = 20'	DATE 9/2007 CONTRACT NO. AT9155185
REDESIGNED BY E.N.B.	COUNTY ANNE ARUNDEL
REDRAWN BY E.N.B.	LOGMILE 02067200.12
CHECKED BY	T.I.M.S. NO. H 770
F.A.P. NO.	TOD NO.
DRAWING NO. TS-10078	OF SHEET NO. 1 OF 2

REVISION A 25003.71
MONDAY, MARCH 02, 2009 AT 09:22 AM

PLOTTED FILE: