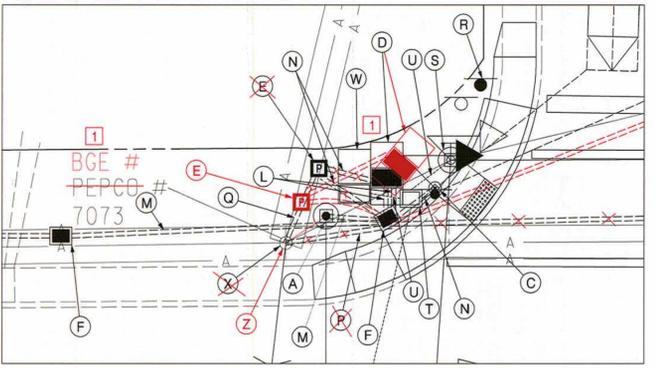


NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

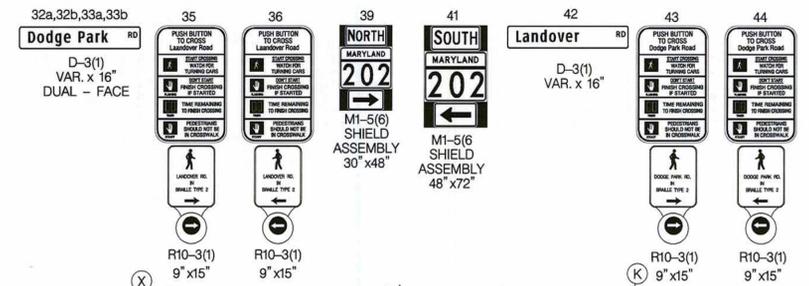
DETAIL A



UTILITY HEIGHTS:
COMMUNICATION - 19' 7"
COMMUNICATION - 21' 3"
COMMUNICATION - 22' 3"

DODGE PARK RD.

PROPOSED SIGNS



EXISTING AERIAL INTERCONNECT TO 75th AVE/KENT TOWN PL.

MD 202 NB (LANDOVER RD.)

MD 202 SB (LANDOVER RD.)

CONSTRUCTION DETAILS:

- A. INSTALL CONCRETE FOUNDATION FOR A 16.5 FT. STEEL POLE WITH 50 FT. MAST ARM, LED TRAFFIC SIGNAL HEADS AND SIGNS. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- B. INSTALL CONCRETE FOUNDATION FOR A 27 FT. STEEL POLE WITH TWIN 5060 FT. MAST ARMS, LED TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, A 15 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND PHOTOCELL. (NOTE: INSTALL 1-3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- C. INSTALL 10' PEDESTAL POLE WITH BREAKAWAY COUPLINGS (MD 818.16-01), AND MODIFIED BASE, COUNTDOWN PEDESTRIAN SIGNAL, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: 1-2 IN. PVC SCHEDULE 80 CONDUIT BEND).
- D. INSTALL NEMA 'S' BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC SCHEDULE 80 BENDS).
- E. INSTALL METERED SERVICE PEDESTAL EMBEDDED.
- F. INSTALL HANDHOLE.
- G. INSTALL HANDHOLE ORIENTED FOR NON-INVASIVE PROBES.
- H. INSTALL NON-INVASIVE DETECTOR AND LEAD IN CABLE.
- J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- K. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- L. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- P. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE.
- Q. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, PROVIDE CONDUIT BEND AT THE BASE OF UTILITY POLE.

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 EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. 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.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, 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. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.
8. THE ENGINEER SHALL CONTACT LAUREL W.S.C FOR THE REPLACEMENT OF THE EXISTING BENCH MARK LOCATED ON THE EXISTING SIGNAL CABINET FOUNDATION.

1 RED LINE REVISION NO. 1 04/25/2012

TEDD APPROVAL 6/5/2012



SUA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 202 (LANDOVER RD.) AT DODGE PARK RD.
LANDOVER, MD

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

APPROVALS	REVISIONS
TEAM LEADER	01/12 TMS-K945 SHA NO. XX4395185 REMOVE SPAN SIGNALS AND INSTALL SIGNAL POLES
ASST. DIV. CHIEF	DM
DIVISION CHIEF	E CHANGE EASTBOUND E/P PHASE TO AN EXCLUSIVE LEFT TURN PHASE TMS #E095 9/2000
OFFICE DIRECTOR	D REVISED FOR BRICK PAVEMENT CROSSWALKS. 8/27
	JDH MMN DAZ DM BEK BRK

SIGNALIZATION PLAN SHEET

SCALE 1" = 20'. ADVERTISED DATE _____ CONTRACT NO. _____

DESIGNED BY _____ COUNTY PRINCE GEORGE'S
DRAWN BY LES TOWNSEND LOGMILE 160202H.46
CHECKED BY ROBERT TYSON TMS NO. _____
F.A.P. NO. _____ TOD NO. _____

TS NO. 660F DRAWING SG - 1 OF 2 SHEET NO. 1 OF 3