



- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 70 FT. AND 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, RELOCATED VIDEO DETECTION CAMERA, TWO-250 WATT HPS LUMINAIRES WITH PHOTOCELLS AND TWO-15 FT. LIGHTING BRACKET ARMS (NOTE: ONE 3 IN. SCHEDULE 80 CONDUIT BEND), STA. 94+90 LT. 9' AND STA. 96+37 RT. 2'
 - B. USE EXISTING HANDHOLE
 - C. INSTALL CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL HEAD (NOTE: ONE 3 IN. SCHEDULE 80 CONDUIT BEND), STA. 95+94 LT. 101'
 - D. USE EXISTING CONDUIT
 - E. INSTALL CONCRETE FOUNDATION WITH 10' STEEL PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNALS, PUSHBUTTON AND SIGN (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND), STA. 96+28 LT. 83' AND STA. 95+06 RT. 80'
 - F. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS), STA 94+55 LT. 84'
 - G. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF POWER POLE AND COIL UP 35 FT. OF SLACK CABLE 3 WIRE 1-CONDUCTOR # 4 AWG. (PEPCO 802439-5910)
 - H. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
 - K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - L. INSTALL HANDHOLE.
 - M. INSTALL 24 IN. WHITE, HEAT APPLIED, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
 - N. INSTALL 12 IN. WHITE, HEAT APPLIED, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.
 - O. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
 - P. REMOVE EXISTING POLE, ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - Q. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

- GENERAL NOTES**
1. Video Camera placement shall be coordinated with the SHA Engineer.
 2. Contractor shall verify all proposed pole and cabinet locations, prior to installation.
 3. For final pavement markings, except stop lines and crosswalks, refer to the project pavement marking plans.
 4. All existing traffic signal equipment shall become the property of the signal contractor upon completion of the proposed signal.
 5. All proposed luminaires shall be supplied with a photocell.
 6. The contractor shall verify all underground utilities prior to installing proposed signal equipment; if conflicts with these utilities are identified the contractor shall contact the project engineer.
 7. All signal equipment shall be installed to it's final grade.
 8. Montgomery county forces shall remove the controller and all auxiliary equipment from the cabinet.

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

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REVISIONS	APPROVALS
① SHA NO. MD9005111 RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES S/WA 3/03	REAL LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
② SHA NO. EW-737-802-312 REVISE LANE USAGE ON LOCKWOOD DRIVE AND REPLACE LOOPS FRZ 6/89	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
③ ADD ACT. PEDS ACROSS MD 650 AND CONCURRENT PEDS ACROSS LOCKWOOD DCD	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

MD 650 (NEW HAMPSHIRE AVENUE) AND LOCKWOOD DRIVE

DRAWN BY: DCP	F.A.P. NO.:	TS NO.:	SHEET NO.:
CHECKED BY: DCD	S.H.A. NO. NOT ON FILE	2552 C.	
SCALE: 1" = 20'	COUNTY:	T.J.M.S. NO.:	
DATE:	LOG MILE: 150650002.94	E966	164 OF 223

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