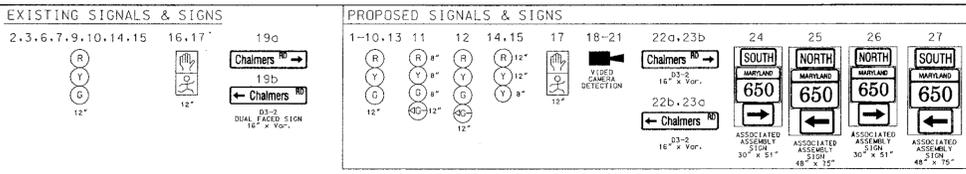
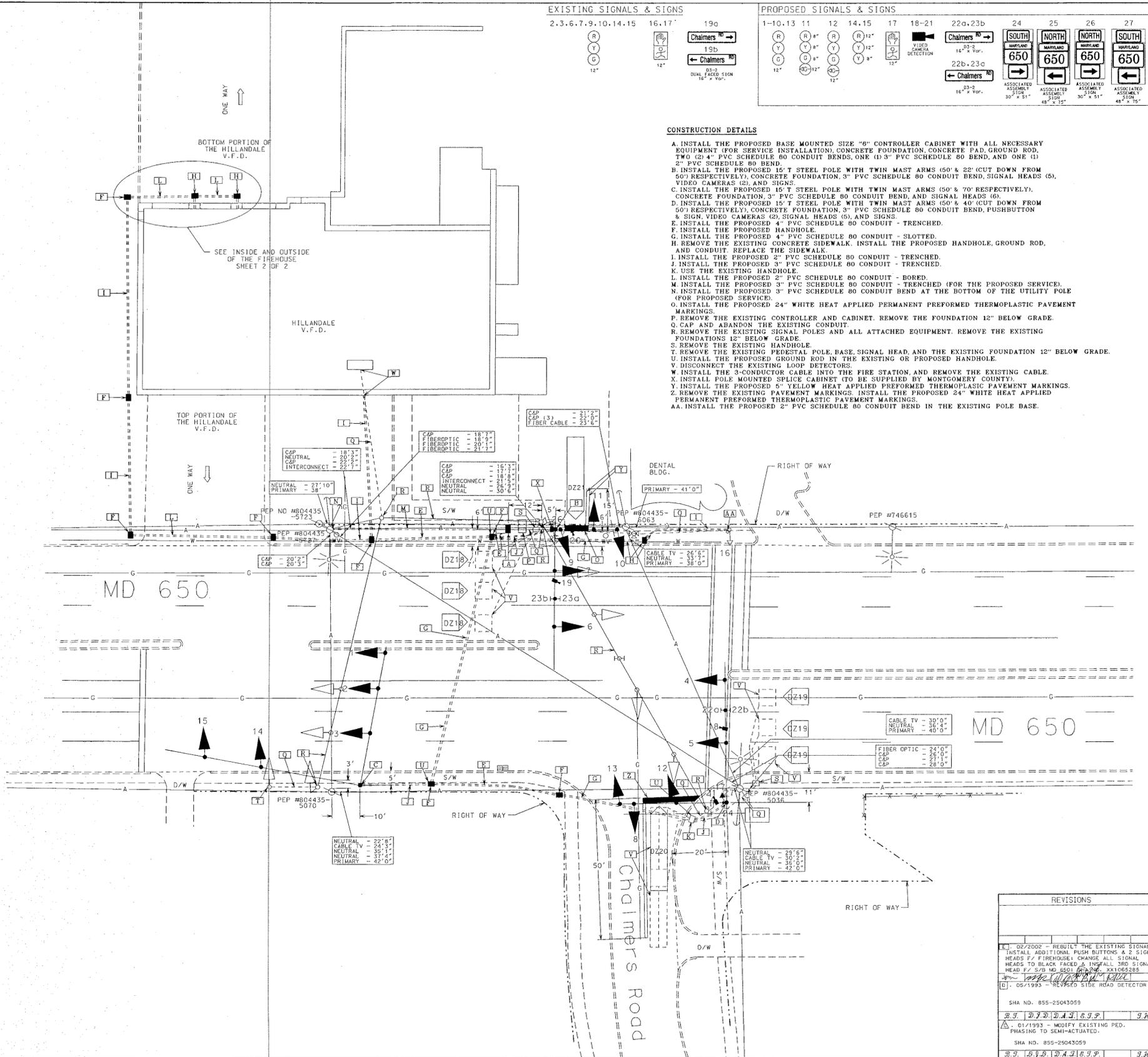
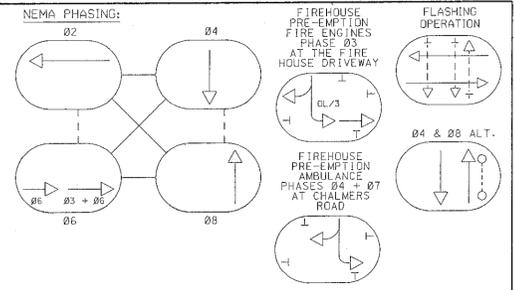


MD 650 RUNS IN A NORTH-SOUTH DIRECTION.

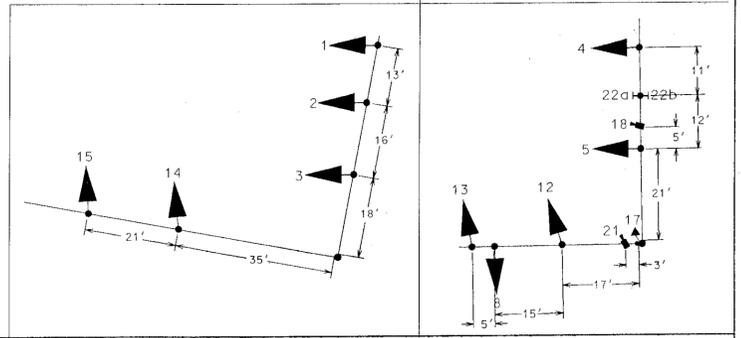
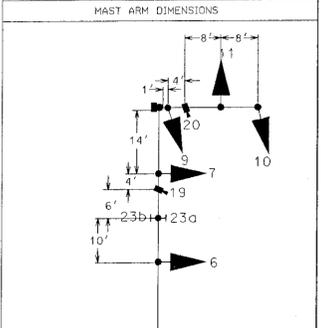


- CONSTRUCTION DETAILS**
- INSTALL THE PROPOSED BASE MOUNTED SIZE "6" CONTROLLER CABINET WITH ALL NECESSARY EQUIPMENT (FOR SERVICE INSTALLATION, CONCRETE FOUNDATION, CONCRETE PAD, GROUND ROD, TWO (2) 4" PVC SCHEDULE 80 CONDUIT BENDS, ONE (1) 3" PVC SCHEDULE 80 BEND, AND ONE (1) 2" PVC SCHEDULE 80 BEND.
 - INSTALL THE PROPOSED 15' T STEEL POLE WITH TWIN MAST ARMS (50' & 22' CUT DOWN FROM 50') RESPECTIVELY, CONCRETE FOUNDATION, 3" PVC SCHEDULE 80 CONDUIT BEND, SIGNAL HEADS (5), VIDEO CAMERAS (2), AND SIGNS.
 - INSTALL THE PROPOSED 15' T STEEL POLE WITH TWIN MAST ARMS (50' & 70' RESPECTIVELY), CONCRETE FOUNDATION, 3" PVC SCHEDULE 80 CONDUIT BEND, AND SIGNAL HEADS (2).
 - INSTALL THE PROPOSED 15' T STEEL POLE WITH TWIN MAST ARMS (50' & 40' CUT DOWN FROM 50') RESPECTIVELY, CONCRETE FOUNDATION, 3" PVC SCHEDULE 80 CONDUIT BEND, PUSHBUTTON & SIGN, VIDEO CAMERAS (2), SIGNAL HEADS (2), AND SIGNS.
 - INSTALL THE PROPOSED 4" PVC SCHEDULE 80 CONDUIT - TRENCHED.
 - INSTALL THE PROPOSED HANDHOLE.
 - INSTALL THE PROPOSED 4" PVC SCHEDULE 80 CONDUIT - SLOTTED.
 - REMOVE THE EXISTING CONCRETE SIDEWALK, INSTALL THE PROPOSED HANDHOLE, GROUND ROD, AND CONDUIT, REPLACE THE SIDEWALK.
 - INSTALL THE PROPOSED 2" PVC SCHEDULE 80 CONDUIT - TRENCHED.
 - INSTALL THE PROPOSED 3" PVC SCHEDULE 80 CONDUIT - TRENCHED.
 - USE THE EXISTING HANDHOLE.
 - INSTALL THE PROPOSED 2" PVC SCHEDULE 80 CONDUIT - BORED.
 - INSTALL THE PROPOSED 3" PVC SCHEDULE 80 CONDUIT BEND AT THE BOTTOM OF THE UTILITY POLE (FOR PROPOSED SERVICE).
 - INSTALL THE PROPOSED 24" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
 - REMOVE THE EXISTING CONTROLLER AND CABINET, REMOVE THE FOUNDATION 12" BELOW GRADE.
 - CAP AND ABANDON THE EXISTING CONDUIT.
 - REMOVE THE EXISTING SIGNAL POLES AND ALL ATTACHED EQUIPMENT, REMOVE THE EXISTING FOUNDATIONS 12" BELOW GRADE.
 - REMOVE THE EXISTING HANDHOLE.
 - REMOVE THE EXISTING PEDESTAL POLE, BASE, SIGNAL HEAD, AND THE EXISTING FOUNDATION 12" BELOW GRADE.
 - INSTALL THE PROPOSED GROUND ROD IN THE EXISTING OR PROPOSED HANDHOLE.
 - DISCONNECT THE EXISTING LOOP DETECTORS.
 - INSTALL THE 3-CONDUCTOR CABLE INTO THE FIRE STATION, AND REMOVE THE EXISTING CABLE.
 - INSTALL POLE MOUNTED SPICE CABINET (TO BE SUPPLIED BY MONTGOMERY COUNTY).
 - INSTALL THE PROPOSED 5" YELLOW HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
 - REMOVE THE EXISTING PAVEMENT MARKINGS, INSTALL THE PROPOSED 24" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
 - INSTALL THE PROPOSED 2" PVC SCHEDULE 80 CONDUIT BEND IN THE EXISTING POLE BASE.



NEMA NOTES:
 1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

- NOTES TO THE CONTRACTOR:**
- THE CONTRACTOR SHALL KEEP THE EXISTING SIGNAL OPERATIONAL UNTIL THE PROPOSED SIGNAL HAS BEEN TURNED ON, AND IS IN OPERATION.
 - THE CONTRACTOR SHALL NOTIFY MR JOHN PARKMAN OF WASHINGTON GAS (1-703-969-3630) BEFORE INSTALLING THE SLOTTED CONDUIT ACROSS MD 650 DUE TO LARGE GAS LINES IN THE ROADWAY.
 - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES 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 TRAFFIC SIGNAL EQUIPMENT WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
 - THE CONTRACTOR SHALL CONTACT CHIEF LOU SCHAUB OF THE HILLENDALE FIRE DEPARTMENT (1-301-434-2400) BEFORE BEGINNING THE INSTALLATION OF THE FIRE PRE-EMPTION EQUIPMENT AND ALSO THE SIGNAL.
 - THE CONTRACTOR SHALL CALL MR BOB GONZALES OF MONTGOMERY COUNTY (1-240-777-2190) CONCERNING PICKING UP A NEW POLE MOUNTED SPICE CABINET (CONSTRUCTION DETAIL 3) FROM MONTGOMERY COUNTY FOR INSTALLATION AT THIS INTERSECTION. THE MONTGOMERY COUNTY SIGNAL SHOP WILL UNHOOK THE EXISTING CABLES IN THE EXISTING SPICE CABINET, AND LATER ON WHEN THE PROPOSED SPICE CABINET IS INSTALLED WILL SPICE THE EXISTING CABLES INTO THE PROPOSED CABLE THAT WILL BE INSTALLED FROM THE BASE MOUNTED CABINET TO PROPOSED POLE MOUNTED SPICE CABINET. THESE NEW CABLES WILL BE USED FOR THE INTERCONNECT.



UTILITY LEGEND

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC MAIN
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES
— D —	STORM DRAIN

REVISIONS

1	02/2002 - REBUILD THE EXISTING SIGNAL
2	INSTALL ADDITIONAL PUSH BUTTONS & 2 SIGNAL HEADS AT FIREHOUSE, CHANGE ALL SIGNAL HEADS TO BLACK FACED & INSTALL 3RD SIGNAL HEAD AT 5/20 MD 650 (SEE DETAIL 2X105285)
3	05/1995 - REVERSE SIDE ROAD DETECTOR

SHA NO. 855-25043059
 01/1995 - MODIFY EXISTING PED. PHASING TO SEMI-ACTUATED.
 SHA NO. 855-25043059

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 650 (New Hampshire Avenue) and Chalmers Road/ Entrance to Hillendale Volunteer Fire Department
 Hillendale, MARYLAND

SHA NO. 855-25043059
 01/1995 - MODIFY EXISTING PED. PHASING TO SEMI-ACTUATED.
 SHA NO. 855-25043059

DATE: February 2, 1972

DRAWN BY: Bruce Thompson
 CHECKED BY: C.J.B.
 SCALE: 1" = 20'
 DATE: February 2, 1972

T.S. NO. TS-1326 (E)
 S.H.A. NO. M0619A59
 COUNTY: MONTGOMERY
 LOG MILE 15065001.74

SHEET NO. 1 OF 2