



- CONSTRUCTION DETAILS**
- (A) INSTALL LOCAL CONTROLLER IN A NEMA SIZE 6 BASE MOUNTED CABINET (NOTE: 2-4" AND 2-2" PVC 90 DEGREE BENDS AND A 2" CONDUIT FOR PHONE DROP)
 - (B) INSTALL 27 FT. STEEL POLE WITH SINGLE 70" MAST ARM TRAFFIC SIGNAL HEADS, SIGNS, VIDEO CAMERA, 20 FT. STREET LIGHTING ARM WITH 250 WATT LUMINAIRE (NOTE: 1-4" PVC 90 DEGREE CONDUIT BEND)
 - (C) INSTALL 27 FT. STEEL POLE WITH SINGLE 70" MAST ARM TRAFFIC SIGNAL HEADS, SIGNS, VIDEO CAMERA, 20 FT. STREET LIGHTING ARM WITH 250 WATT LUMINAIRE (NOTE: 1-4" PVC 90 DEGREE CONDUIT BEND)
 - (D) INSTALL 27 FT. STEEL POLE WITH SINGLE 60" MAST ARM TRAFFIC SIGNAL HEADS, SIGNS, VIDEO CAMERA (NOTE: 1-4" PVC 90 DEGREE CONDUIT BEND)
 - (E) INSTALL 27 FT. STEEL POLE WITH SINGLE 60" MAST ARM TRAFFIC SIGNAL HEADS, SIGNS, (NOTE: 1-4" PVC 90 DEGREE CONDUIT BEND)
 - (F) INSTALL ELECTRICAL HAND HOLE.
 - (G) INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
 - (H) INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
 - (I) INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
 - (J) INSTALL 24" WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
 - (K) INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
 - (L) ABANDON EXISTING ELECTRICAL HAND HOLE.
 - (M) REMOVE STEEL POLE, SIGNS AND SIGNAL HEADS AND ALL ASSOCIATED EQUIPMENT REMOVE FOUNDATION ONE FOOT BELOW GRADE.
 - (N) REMOVE EXISTING POLE MOUNTED CONTROLLER AND CABINET.
 - (O) ABANDON EXISTING LOOP DETECTORS.
 - (P) ABANDON EXISTING CONDUIT.
 - (Q) PROPOSED OVERHEAD SERVICE.
 - (R) VIDEO DETECTION AREA.
 - (S) INSTALL GROUND MOUNT SIGN.
 - (T) INSTALL MICROLOOP PROBES 1000' LEAD - IN (NON-EVASIVE).
 - (U) INSTALL MICROLOOP PROBES 500' LEAD - IN (NON-EVASIVE).
 - (V) INSTALL 2" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES

- GENERAL NOTES**
- PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
 - THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
 - PAVEMENT MARKING DETAILS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
 - SEE PAVEMENT SHEET FOR ADDITIONAL STRIPING.
 - STREET NAMES AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.
 - ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
 - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
 - ALL HOLES TO BE DRILLED IN THE MAST ARMS FOR THE SIGNAL WIRES SHOULD BE DRILLED AT THE FINAL SIGNAL HEAD LOCATION.

REVISIONS	APPROVALS
(B) RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS 5/02	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
C. MURPHY	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
A RECONSTRUCT SIGNAL 12.3.93	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 113 (WORCESTER HWY) AND
HAMMOND RD / MD 610 (WHALEYVILLE RD)
TEMPORARY SIGNAL PHASE 1

DRAWN BY:	F.A.P. NO. WO 685-501-176	TS NO. 1848 B
CHECKED BY:	S.H.A. NO. WORCESTER	SHEET NO. 33 OF 38
SCALE: 1" = 20'	COUNTY: WORCESTER	T.I.M.S. NO. E-116
DATE: 05/23/02	LOG MILE: 23011337.04	

FILE: m:\us113\jor\Phase 1B\sig_us113_md610.dgn
DATE: 05/23/02

