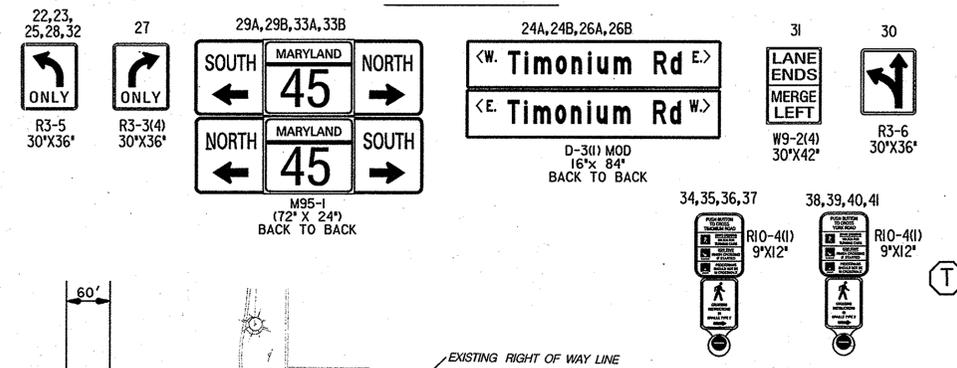


MD 45 (YORK ROAD) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

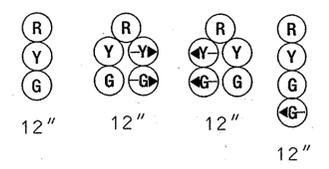
EXISTING SIGNS TO BE REMOVED



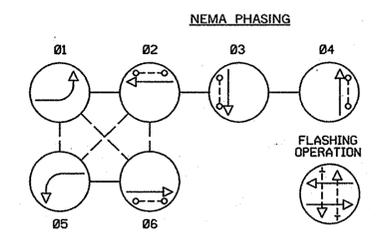
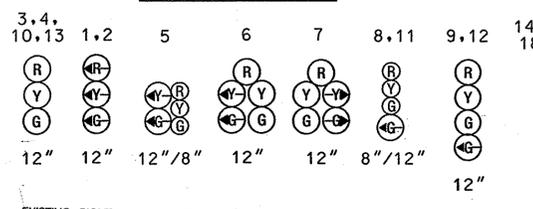
PROPOSED SIGNS



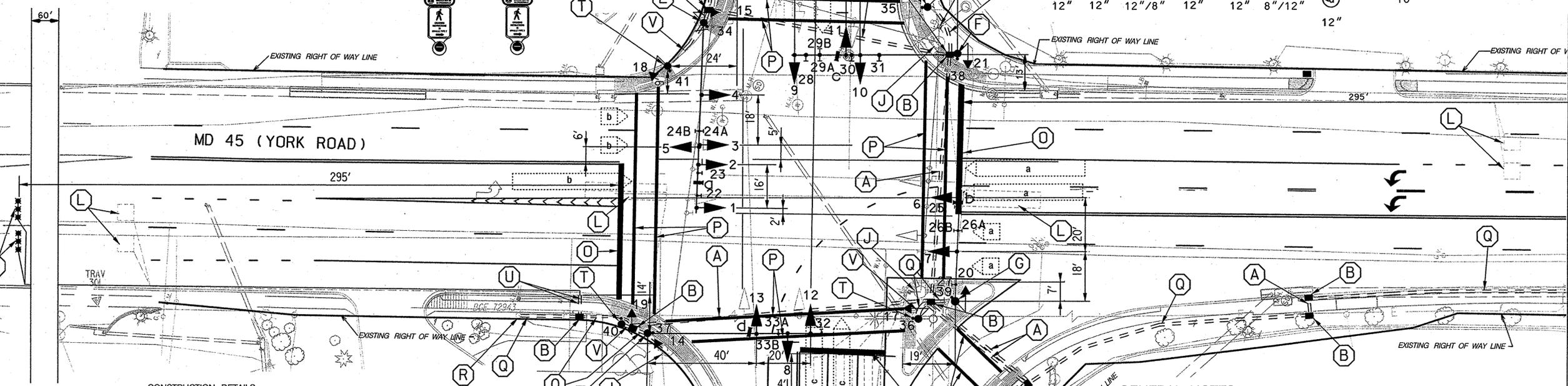
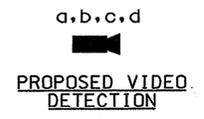
EXISTING SIGNALS TO BE REMOVED



PROPOSED SIGNALS



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



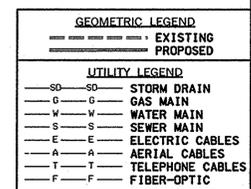
CONSTRUCTION DETAILS

- (A) SLOT 4 INCH SCHEDULE 80, PVC ELECTRICAL CONDUIT.
- (B) FURNISH AND INSTALL NEW HANDHOLE.
- (C) TRENCH ONE 4 INCH SCHEDULE 80, ELECTRICAL CONDUIT.
- (D) INSTALL NEMA SIZE "6" BASE MOUNTED CABINET, FOUNDATION AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2- 2 INCH AND 2- 4 INCH SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN CABINET BASE).
- (E) INSTALL 27 FT. STEEL POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS /W PUSH BUTTON, SIGNS AND VIDEO DETECTION CAMERA (NOTE: 1-3 INCH, SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND IN POLE BASE).
- (F) INSTALL 15 FT. "T" STEEL POLE WITH 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA (NOTE 1-3 INCH SCHEDULE 80, 90 DEGREE PVC BEND IN POLE BASE).
- (G) INSTALL 27 FT. STEEL POLE WITH ONE 50 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PUSH BUTTON, SIGNS AND VIDEO DETECTION CAMERAS (NOTE: 1-3 INCH SCHEDULE 80, 90 DEGREE PVC BEND IN POLE BASE).
- (H) FURNISH AND INSTALL METERED SERVICE PEDESTAL.
- (J) REMOVE EXISTING SIGNAL HEADS, STRAIN POLES AND FOUNDATIONS (TO 1 FOOT BELOW EXISTING GROUND).
- (K) REMOVE EXISTING CONTROL CABINET AND FOUNDATION TO 1 FOOT BELOW GROUND).
- (L) EXISTING VEHICLE DETECTOR TO BE ABANDONED.
- (M) REMOVE AND DISPOSE OF TEMPORARY WOOD POLE AND STRAIN WIRE. REMOVE SIGNAL HEADS (SIGNAL HEADS TO BECOME PROPERTY OF SHA).
- (N) INSTALL NEW MICRO-LOOP DETECTOR AND LEAD-IN CABLE.
- (O) INSTALL 24 INCH THERMOPLASTIC PAVEMENT MARKINGS FOR STOP LINE.
- (P) INSTALL 12 INCH THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
- (Q) TRENCH ONE 3 INCH SCHEDULE 80, ELECTRICAL CONDUIT
- (R) FURNISH AND INSTALL 3 INCH RISER FOR INTERCONNECT CABLE. PULL BACK AND RE-ROUTE EXISTING INTERCONNECT CABLE TO NEW CONTROL CABINET LOCATION.
- (S) TRENCH ONE 4 INCH SCHEDULE 80, ELECTRICAL CONDUIT BETWEEN METER PEDESTAL AND BGE POLE 170781. BGE TO EXTEND SERVICE TO METERED SERVICE PEDESTAL.
- (T) INSTALL 10 FOOT PEDESTAL POLE, COUNTDOWN PEDESTRIAN SIGNALS W/AUDIBLE PUSH BUTTON AND SIGN (NOTE 1-2 INCH, SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND IN POLE BASE).
- (U) INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE
- (V) TRENCH ONE 2 INCH SCHEDULE 80 ELECTRICAL CONDUIT

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.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
**MD 45 (YORK ROAD)
AT TIMONIUM ROAD**



REVISION B CONSULTANT

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APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
B	SIGNAL RECONSTRUCTION 12-23-05 REVISION OF DETAILING APR CONSULTING REVISIONS BA4945187 MIA/FAB/2/19/08

SIGNAL PLAN		
SCALE 1" = 20'	DATE 2/19/82	CONTRACT NO.
DESIGNED BY	COUNTY BALTIMORE	
DRAWN BY W.R.SMITH	LOGMILE 03004505.16	
CHECKED BY	T.-I.-M.S. NO. H176	
F.A.P. NO.	TOD NO.	
DRAWING NO. TS-03 OF 04	SHEET NO. 13 OF 14	

PLOTTED: WEDNESDAY, DECEMBER 21, 2005 AT 09:10 AM
FILE: M:\PROJ\201018\10\CAD\036-0001 MD45.DGN