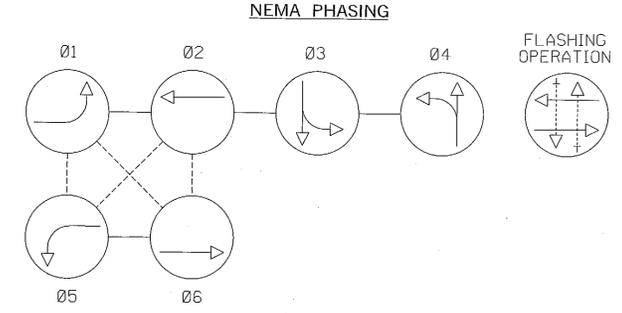
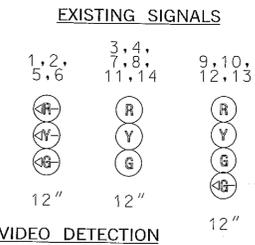
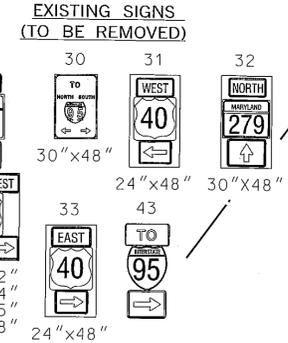
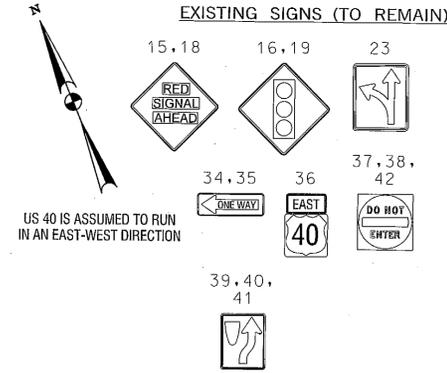


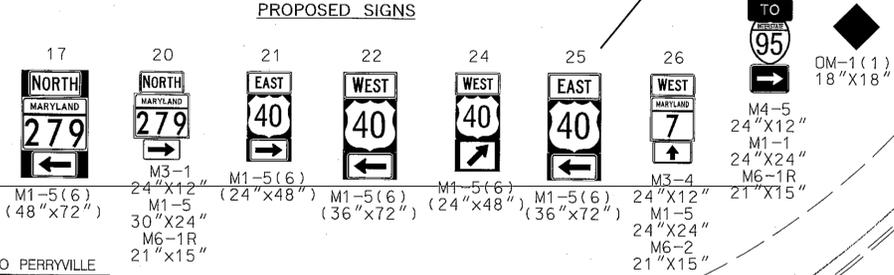
DRILL HOLES

DRILL HOLES

DRILL HOLES



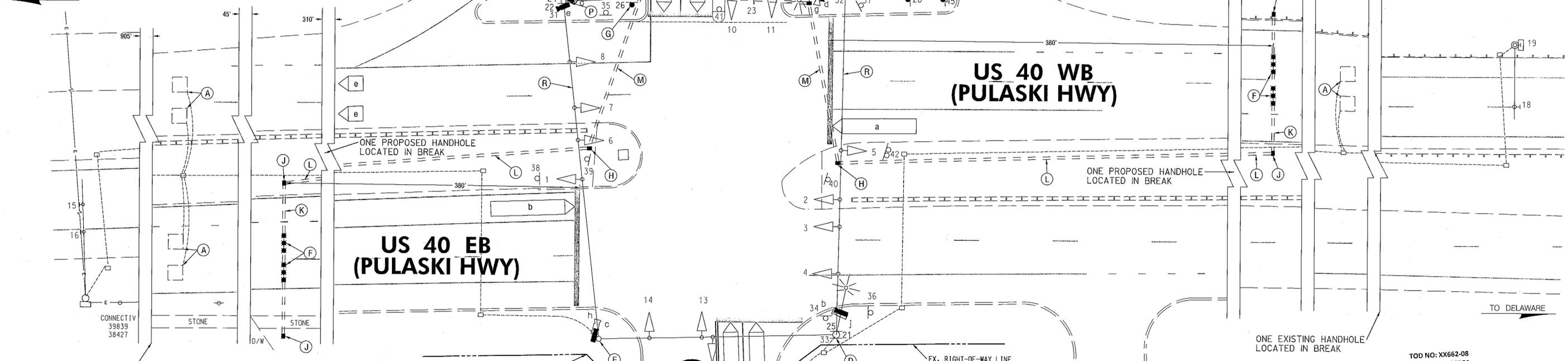
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



**EXISTING VIDEO DETECTION (TO BE REMOVED)**  
f, g, h, j

**PROPOSED VIDEO DETECTION**  
a, b, c, d, e

**PROPOSED VIDEO DETECTION ZONE**  
a, b, c, d, e



- CONSTRUCTION DETAILS**
- ABANDON EXISTING LOOP DETECTOR AND REMOVE ALL ASSOCIATED WIRES.
  - REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORTS.
  - REMOVE EXISTING SIGNS AND VIDEO DETECTION CAMERA AND INSTALL PROPOSED SIGNS AND VIDEO DETECTION CAMERAS ON EXISTING SIGNAL POLE.
  - REMOVE EXISTING SIGNS AND VIDEO DETECTION CAMERA. INSTALL PROPOSED SIGNS ON EXISTING SIGNAL POLE AND PROPOSED VIDEO DETECTION CAMERA ON EXISTING LIGHTING ARM.
  - REMOVE EXISTING VIDEO DETECTION CAMERA AND INSTALL PROPOSED VIDEO DETECTION CAMERA ON EXISTING SIGNAL POLE.
  - INSTALL NON-INVASIVE PROBES (SET OF 3).
  - INSTALL PROPOSED GROUND MOUNTED SIGN ON ONE 4 IN. X 6 IN. WOOD POST.
  - INSTALL ELECTRICAL HANDHOLE.
  - INSTALL PROPOSED VIDEO DETECTION CAMERA WITH LONG SIDE PERPENDICULAR TO ROADWAY AS SHOWN.
  - INSTALL 3 IN. SCHEDULE PVC CONDUIT - SLOTTED.
  - INSTALL 3 IN. SCHEDULE PVC CONDUIT - TRENCHED.
  - INSTALL 4 IN. SCHEDULE PVC CONDUIT - SLOTTED.
  - USE EXISTING CABINET AND CONTROLLER.
  - USE EXISTING HANDHOLE.
  - USE EXISTING CONDUIT.
  - USE EXISTING SPAN WIRE.
  - REMOVE EXISTING HANDHOLE. CAP AND ABANDON EXISTING CONDUIT.
  - INSTALL 4 IN. SCHEDULE PVC CONDUIT - BORED.
  - INSTALL PROPOSED GROUND MOUNTED SIGN ON ONE 4 IN. X 4 IN. WOOD POST.

**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

- GENERAL NOTES (CONT'D)**
- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
  - THE CONTRACTOR SHALL CONTACT SHA SIGNAL SHOP TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
  - ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE SIGNAL CABINET AND PROPERLY LABELING EACH CABLE. ALL INTERNAL CABINET WIRING WILL BE PERFORMED BY SHA FORCES.

**GENERAL NOTES**

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY 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 WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE SHA AFTER NOTIFICATION BY THE ENGINEER.

**MD 7 (E OLD PHILADELPHIA RD)**

**MD 279 (ELKTON RD)**

**US 40 WB (PULASKI HWY)**

**US 40 EB (PULASKI HWY)**

**PARSONS BRINCKERHOFF**  
100 S. Charles Street  
Tower 1, 10th Floor  
Baltimore, MD 21201  
(Ph) 410-787-5050  
(Fax) 410-727-4608  
http://www.pbworld.com

**APPROVALS**

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

**REVISIONS**

1	UPGRADE VIDEO DETECTION AND INSTALL NON-INVASIVE PROBES ALONG US 40	05/20/2013
2	REPLACE WB RED SIGNAL AHEAD SIGN	05/20/2013
3		
4		
5		

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
**US 40 (PULASKI HWY) AT MD 279 AND MD 7**  
ELKTON, MD

**SIGNALIZATION PLAN SHEET**

SCALE 1" = 20' DATE JUNE 24, 1978 CONTRACT NO. CE543X-276

DESIGNED BY L. TOWNSEND COUNTY CECIL  
DRAWN BY W. FITCH LOGMILE 07004013.40  
CHECKED BY T-8003(3) TMS NO. N/A  
F.A.P. NO. T-8003(3) TOD NO. N/A

TS NO. 0262E DRAWING SG-01 OF 02 SHEET NO. 01 OF 02

TOD NO: XX662-08  
SHA NO: CE398B56  
US 40 @ MD 272/US 40 @ MD 279,  
MD 7, US 40 @ Mechanics