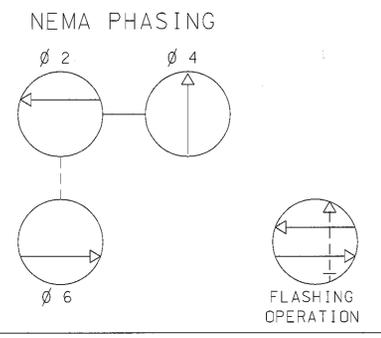
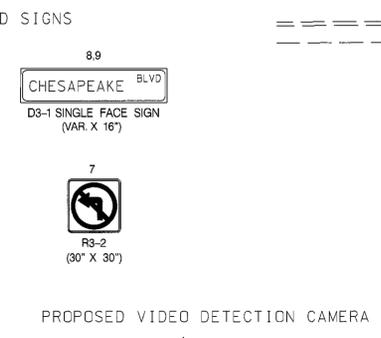
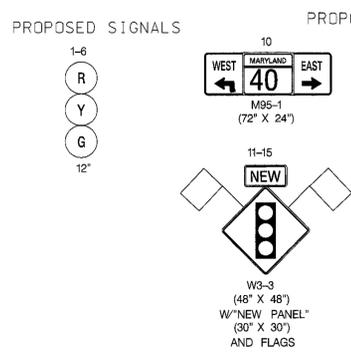


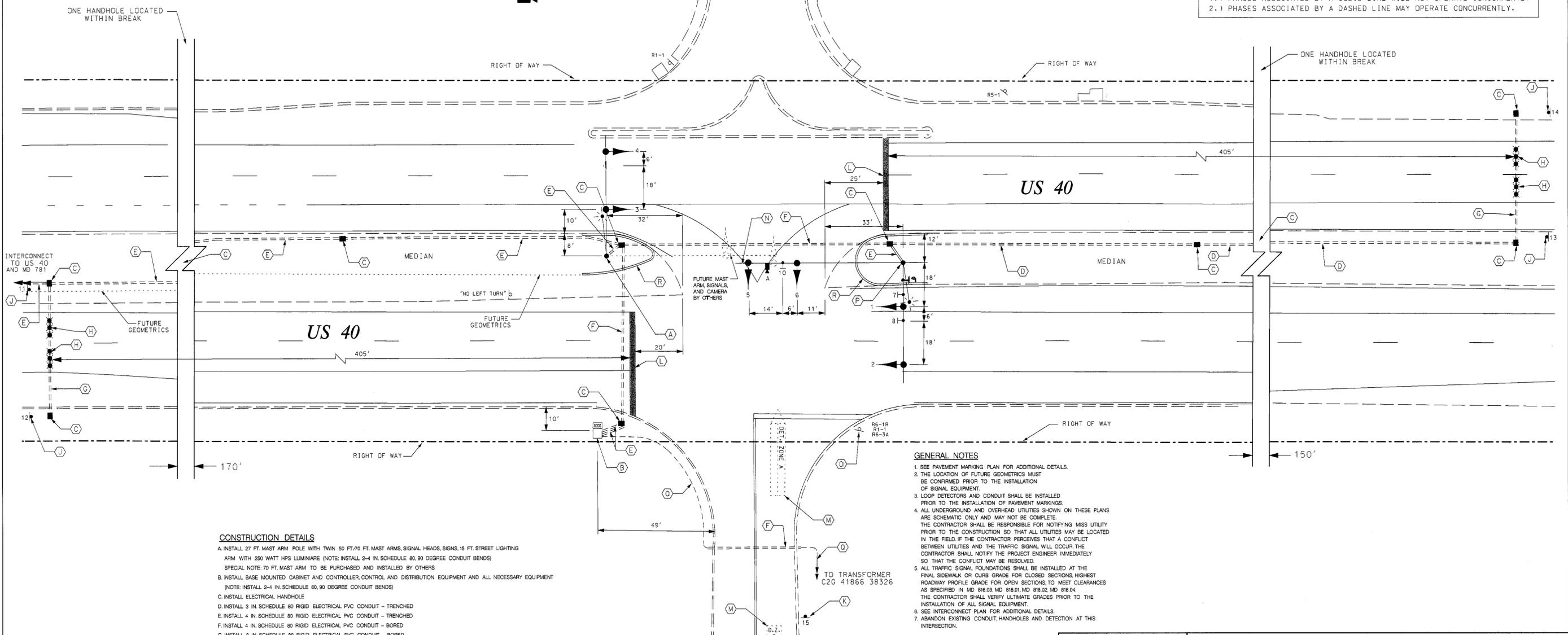
US 40 IS ASSUMED TO RUN AN EAST-WEST DIRECTION



PHASING NOTES:

1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



- GENERAL NOTES**
- SEE PAVEMENT MARKING PLAN FOR ADDITIONAL DETAILS.
 - THE LOCATION OF FUTURE GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
 - LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
 - 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 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 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 818.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
 - SEE INTERCONNECT PLAN FOR ADDITIONAL DETAILS.
 - ABANDON EXISTING CONDUIT, HANDHOLES AND DETECTION AT THIS INTERSECTION.

- CONSTRUCTION DETAILS**
- A. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM WITH 250 WATT HPS LUMINAIRE (NOTE: INSTALL 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
SPECIAL NOTE: 70 FT. MAST ARM TO BE PURCHASED AND INSTALLED BY OTHERS
- B. INSTALL BASE MOUNTED CABINET AND CONTROLLER, CONTROL AND DISTRIBUTION EQUIPMENT AND ALL NECESSARY EQUIPMENT
(NOTE: INSTALL 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- C. INSTALL ELECTRICAL HANDHOLE
- D. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
- E. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
- F. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
- G. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
- H. INSTALL NON-INVASIVE MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
- J. INSTALL W3-3 SIGN ON TWO 4 IN. X 4 IN. WOOD SUPPORT 400 FT. PRIOR TO INTERSECTION
- K. INSTALL W3-3 SIGN ON TWO 4 IN. X 4 IN. WOOD SUPPORT 150 FT. PRIOR TO INTERSECTION
- L. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING
- M. VIDEO DETECTION ZONE
- N. CUT, CLEAN AND CAP TRAFFIC SIGNAL MAST ARM TO 65 FT. LENGTH
- O. REMOVE EXISTING STOP SIGN FROM SUPPORT
- P. INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA 15 FT. STREET LIGHTING ARM WITH 250 WATT HPS LUMINAIRE (NOTE: INSTALL 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- Q. PROPOSED UNDERGROUND ELECTRICAL SERVICE
- R. INSTALL TYPE A CURB AND GUTTER (SEE G1 SHEET FOR DETAIL)

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

| | |
|--------------|----|
| AERIAL CABLE | A |
| ELECTRICAL | E |
| TELEPHONE | T |
| GAS | G |
| SEWER | S |
| WATER | W |
| CABLE TV | TV |

CHESAPEAKE BOULEVARD

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APPROVALS

Michael... 5/20/04
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

... 5/20/04
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

... 5/27
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
US 40 AT CHESAPEAKE BOULEVARD

| | | | |
|-----------------------|-----------------------|---------------------|------------------|
| DRAWN BY: MO | F.A.P. NO. N/A | TS NO. 4319 | SHEET NO. 1 OF 2 |
| CHECKED BY: T.Z. P... | S.H.A. NO. B/W | T.I.M.S. NO. G. 334 | |
| SCALE: 1" = 20' | COUNTY: CECIL | | |
| DATE: 3-18-04 | LOG MILE: 07004017.17 | | |