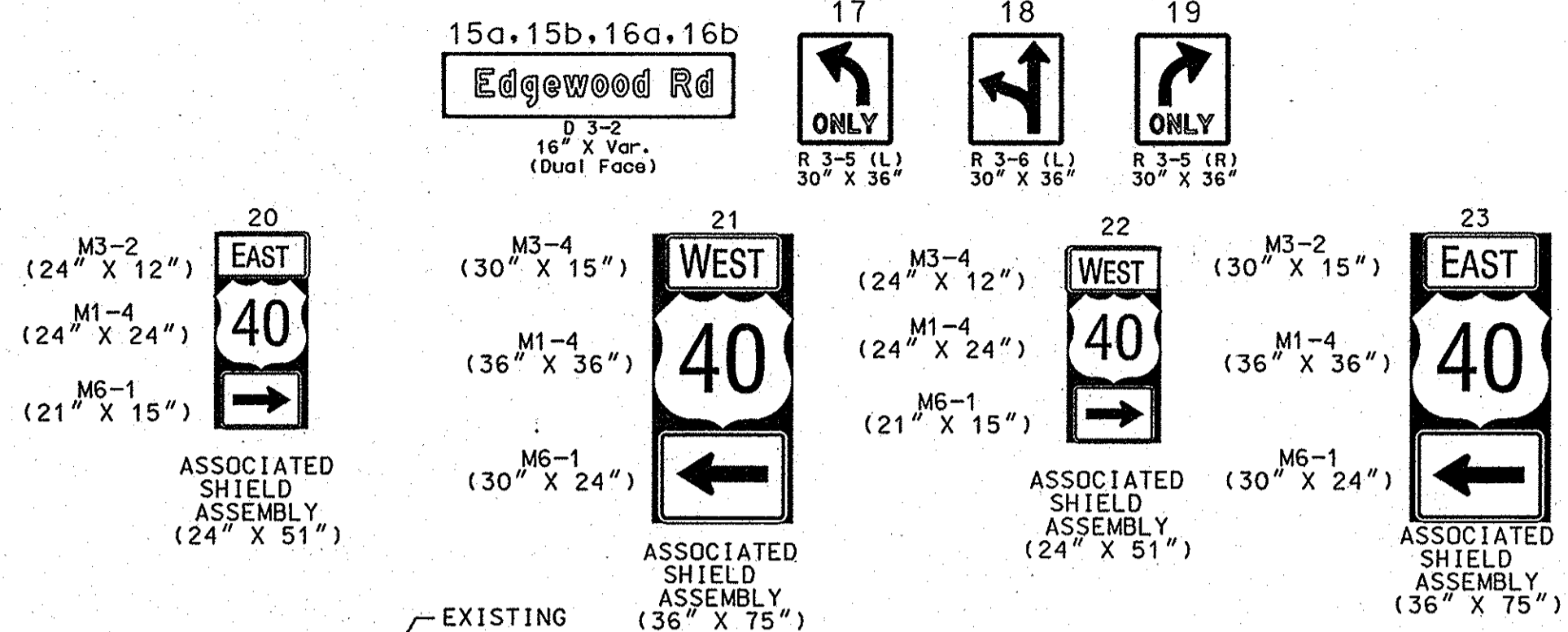
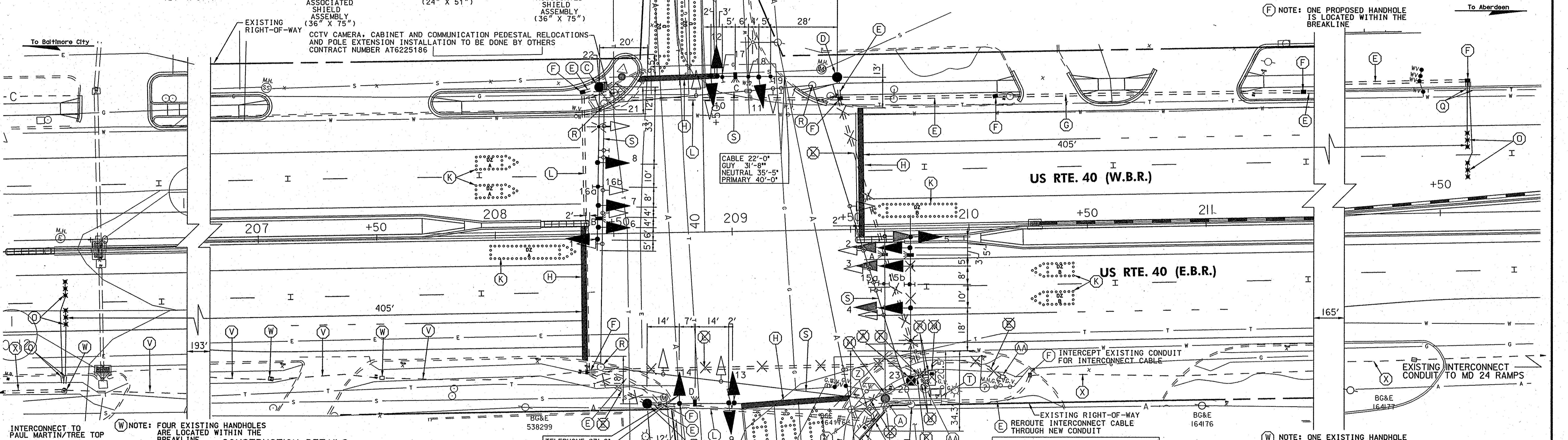
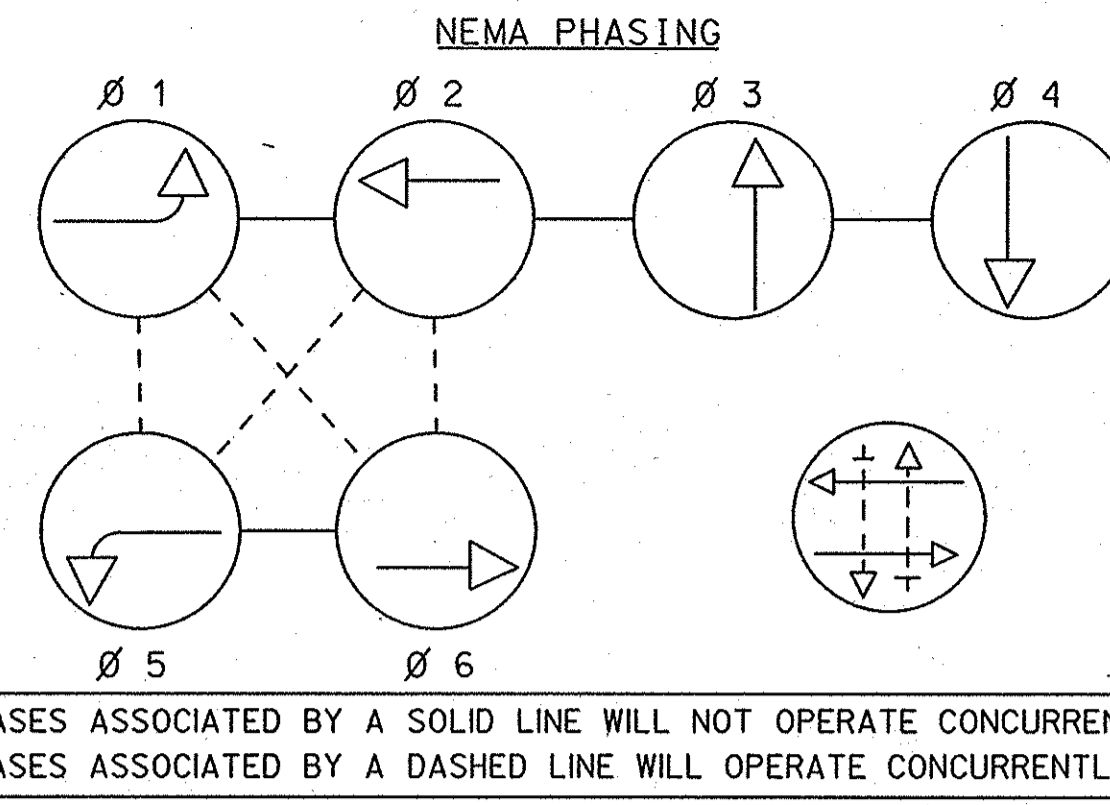
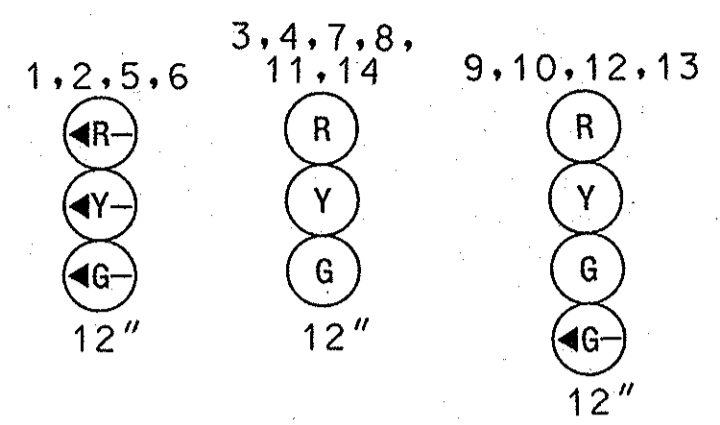


U.S. 40 is assumed to run in an East / West direction

PROPOSED SIGNS



PROPOSED SIGNALS



- ### CONSTRUCTION DETAILS
- A. INSTALL CONCRETE FOUNDATION WITH A 27' MAST ARM POLE WITH 70 FT MAST ARM, SIGNS, SIGNALS, VIDEO DETECTION CAMERA, 15 FOOT LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL, INSTALL ELECTRICAL UTILITY SERVICE EQUIPMENT FOR OVERHEAD POWER FEED, 1-3" GALVANIZED RISER FOR OVERHEAD PHONE DROP. (NOTE: FOUNDATION REQUIRES 2-2" AND 1-3" CONDUIT BEND)
 - B. INSTALL CONCRETE FOUNDATION WITH A 27' MAST ARM POLE WITH 38 FT MAST ARM, SIGNS, VIDEO DETECTION CAMERA. (NOTE: FOUNDATION REQUIRES 1-3" CONDUIT BEND)
 - C. INSTALL CONCRETE FOUNDATION WITH A 27' MAST ARM POLE WITH 70 FT MAST ARM, SIGNS, SIGNALS, VIDEO DETECTION CAMERA, 15 FOOT LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOCELL. (NOTE: FOUNDATION REQUIRES 1-3" CONDUIT BEND AND ONE 2" CONDUIT BEND FOR CCTV COMM.)
 - D. INSTALL CONCRETE FOUNDATION WITH A 27' MAST ARM POLE WITH 60 FT MAST ARM, SIGNS, SIGNALS, VIDEO DETECTION CAMERA. (NOTE: FOUNDATION REQUIRES 1-3" CONDUIT BEND)
 - E. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
 - F. INSTALL ELECTRICAL HANDHOLE
 - G. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED
 - H. INSTALL 24" HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE)
 - I. OVERHEAD POWER FEED - 4" CONDUIT TRENCHED FOR POWER FEED
 - J. VIDEO TRAFFIC DETECTION ZONE
 - K. VIDEO TRAFFIC DETECTION ZONE
 - L. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED (PRIOR TO FINAL PAVEMENT SURFACE INSTALLATION)
 - M. INSTALL EXISTING NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER ONTO NEW PAD (NOTE: TWO - 4" AND TWO - 2" PVC CONDUIT BENDS)
 - N. OVERHEAD PHONE DROP - 2" CONDUIT TRENCHED FOR PHONE DROP
 - O. FURNISH AND INSTALL MICROLOOP PROBE SET WITH 1000' LEAD-IN
 - P. INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
 - Q. FURNISH AND INSTALL 1 IN. ELECTRICAL CONDUIT - GALVANIZED SLEEVE
 - R. REMOVE EXISTING STRAIN POLE, FOUNDATION AND ALL ASSOCIATED EQUIPMENT THEN BACKFILL
 - S. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT
 - T. REMOVE EXISTING BASE MOUNTED CABINET AND FOUNDATION THEN BACKFILL 12" BELOW GRADE, RELOCATE CABINET TO NEW FOUNDATION
 - U. INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
 - V. USE EXISTING CONDUIT
 - W. USE EXISTING HANDHOLE
 - X. USE CONDUIT (SEE INTERCONNECT PLAN)
 - Y. REPLACE SECTIONS OF 5" CONCRETE SIDEWALK AS REQUIRED
 - Z. INSTALL METERED SERVICE PEDESTAL
 - AA. REMOVE EXISTING HANDHOLE
- ### UTILITY LEGEND
- G - GAS MAIN
 - W - WATER MAIN
 - S - SEWER MAIN
 - E - ELECTRIC CABLES
 - A - AERIAL CABLES
 - T - TELEPHONE CABLES
 - FO - PROPOSED FIBER
 - SD - STORM DRAIN PIPE
 - CAT - CABLE TV
- ### GENERAL NOTES
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN 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 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 FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- ### APPROVALS
- APPROVAL
REDLINE NO. *[Signature]* 7-26-06
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
- | REVISIONS | | APPROVALS | |
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| | | | |
| | | | |
- 1 REDLINE REVISION NO. 1
JULY 25, 2006
- RUMMEL, KLEPPER & KAHL, LLP**
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270
- SUA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 40 (PULASKI HWY) @ MD 755 (EDGEWOOD RD)
EDGEWOOD, MARYLAND
- | | | | |
|-----------------------|--------------------------------------|---------------------|---------------------|
| DRAWN BY: W MALCOLM | F.A.P. NO. - | TS NO. 3252-D | SHEET NO. 54 OF 100 |
| CHECKED BY: W MALCOLM | S.H.A. NO. H-933-501-485 | T.I.M.S. NO. 6897 | |
| SCALE: 1" = 20' | COUNTY: HARFORD | LOG MILE: 1200400J2 | |
| DATE: 08 / 1992 | DIRECTOR, OFFICE OF TRAFFIC & SAFETY | | |

SG-09