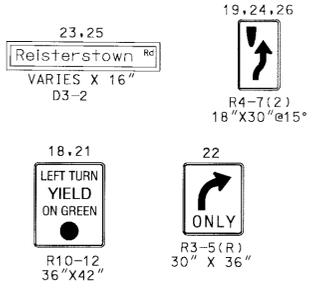
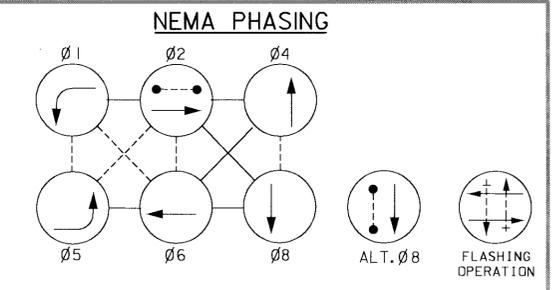
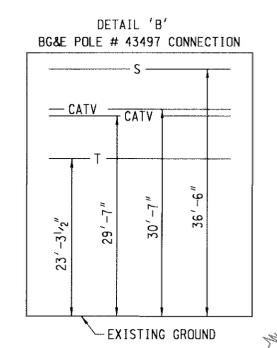
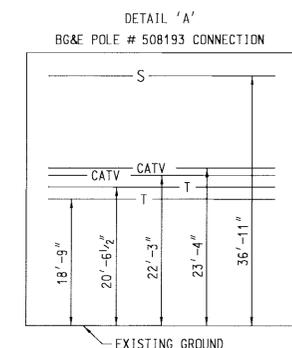
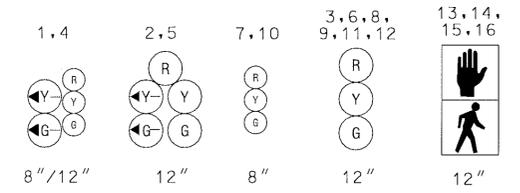


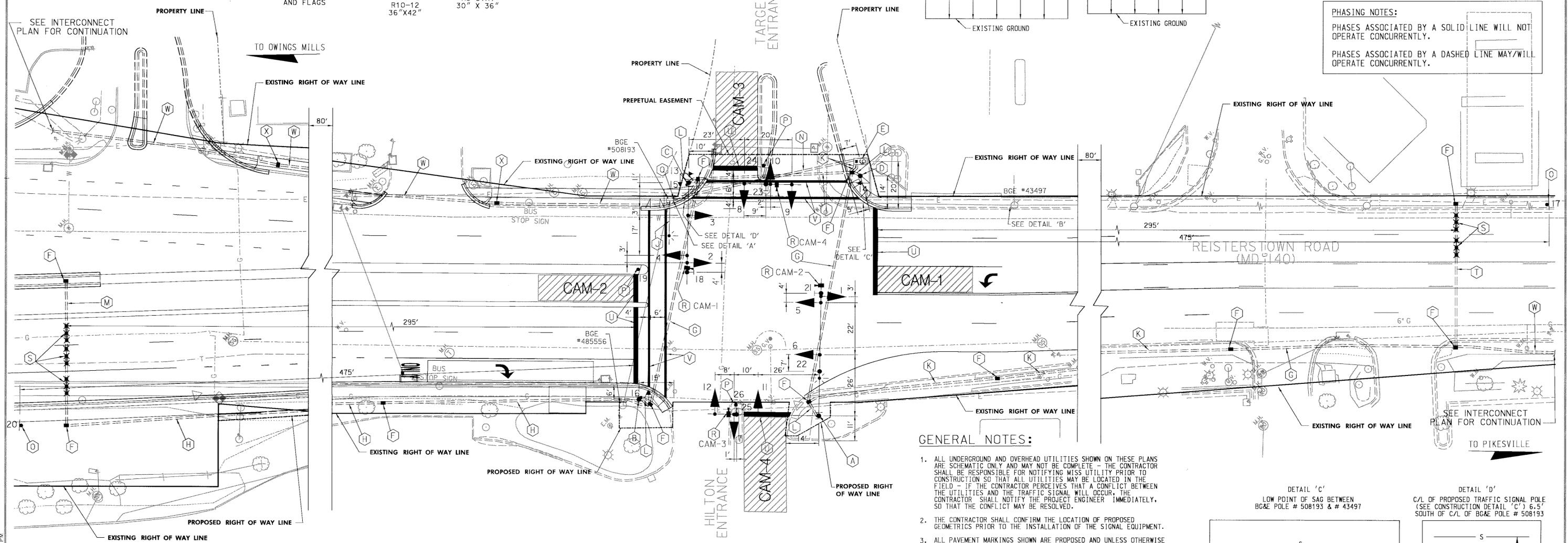
PROPOSED SIGNS



PROPOSED SIGNALS

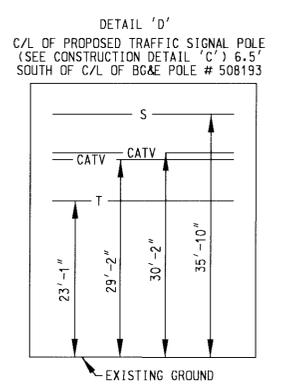
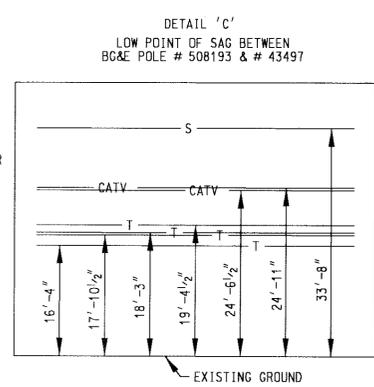


PHASING NOTES:
 PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



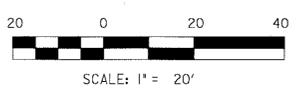
GENERAL NOTES:

- 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 CONFIRM THE LOCATION OF PROPOSED GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
- ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED AS SHOWN ON THE SIGNING AND MARKING PLANS IN ACCORDANCE WITH SH&A STANDARDS - THE CONTRACTOR SHALL CONTACT THE ASSISTANT DISTRICT ENGINEER - TRAFFIC AT (410)-321-2781, 48 HOURS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS TO CONFIRM LOCATIONS.
- ALL SLOTTING SHALL BE COMPLETED PRIOR TO PLACEMENT OF FINAL PAVING AND PLACEMENT OF FINAL PAVEMENT MARKINGS.
- ALL CONDUIT AND DETECTORS SHALL BE LOCATED UNDER THE ROADWAY PRIOR TO PLACEMENT OF FINAL PAVING AND PAVEMENT MARKINGS.
- ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL ROADWAY GRADE.
- ALL PROPOSED CONDUIT AND HANDHOLES LOCATED IN SIDEWALK SHALL BE INSTALLED PRIOR TO POURING SIDEWALK. HANDHOLE COVERS SHALL BE FLUSH WITH SIDEWALK.



CONSTRUCTION DETAILS

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| <p>A. INSTALL 27 FT. STEEL POLE WITH 50 FT./60 FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS AND A 15 FT. LUMINAIRE ARM WITH A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE. CUT, CLEAN AND GALVANIZE THE 60 FT. MAST ARM TO 57 FT. CUT CLEAN AND GALVANIZE THE 50 FT. MAST ARM TO 44 FT. (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)</p> <p>B. INSTALL 10 FT. PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL, PUSH BUTTON AND SIGN. (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)</p> <p>C. INSTALL 27 FT. STEEL POLE, CUT TO 21 FT., WITH 50 FT./50 FT. MAST ARMS USING 15'-0" TT (SEE MD. STD. NO. 818.13-01), SIGNAL HEADS, PEDESTRIAN SIGNALS, PUSH BUTTON AND SIGN, CUT, CLEAN AND GALVANIZE THE 50 FT. MAST ARM ACROSS MD 140 TO 42 FT. CUT, CLEAN AND GALVANIZE THE 50 FT. MAST ARM ACROSS THE SIDE STREET TO 46 FT. (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)</p> <p>D. INSTALL 10 FT. PEDESTAL POLE WITH BREAKAWAY BASE AND PEDESTRIAN SIGNAL. (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)</p> <p>E. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-2 IN. SCHEDULE 80, AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS.)</p> <p>F. INSTALL HANDHOLE.</p> <p>G. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - BORED.</p> <p>H. INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.</p> <p>I. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.</p> <p>J. PROPOSED 15 FT. LUMINAIRE ARM WITH A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE TO BE INSTALLED ON UTILITY POLE BGE # 508193 BY OTHERS.</p> | <p>K. INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.</p> <p>L. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.</p> <p>M. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - BORED.</p> <p>N. INSTALL 1-4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE - SLOTTED.</p> <p>O. INSTALL W3-3 SIGN (48"x48") WITH "NEW" PANEL AND FLAGS (30"x30") ON TWO 4"x6" TREATED WOOD POSTS APPROXIMATELY 475 FT. IN ADVANCE OF THE INTERSECTION ON MD 140.</p> <p>P. PROPOSED SIGN TO BE INSTALLED BY OTHERS.</p> <p>Q. INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND AT BASE OF UTILITY POLE FOR SERVICE.</p> <p>R. INSTALL VIDEO DETECTION CAMERA EQUIPMENT.</p> <p>S. INSTALL NON-INVASIVE MICROLOOP PROBE SET.</p> <p>T. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.</p> <p>U. INSTALL 24 IN. WHITE HEAT APPLIED PREFORMED THERMOPLASTIC MARKING (STOPLINE).</p> <p>V. INSTALL 12 IN. WHITE HEAT APPLIED PREFORMED THERMOPLASTIC MARKING (CROSSWALK).</p> <p>W. SEE INTERCONNECT PLAN FOR INSTALLATION OF ELECTRICAL CONDUIT.</p> <p>X. SEE INTERCONNECT PLAN FOR INSTALLATION OF HANDHOLE.</p> |
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8 NEW SHEET, REDLINE REVISION NO. 8 NEW SIGNAL INSTALLATION 02/10/02

| REVISIONS | | APPROVALS | |
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| | | <i>[Signature]</i> | |

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 140 (REISTERSTOWN ROAD) and
TARGET ENTRANCE / HILTON ENTRANCE
SIGNALIZATION PLAN

| | | | |
|--------------------------|---------------------------------|-----------------------|-------------------|
| DRAWN BY: K.J.S. | F.A.P. NO. S.H.A. NO. BA1935172 | SEE TITLE SHEET | TS NO. 4152 |
| CHECKED BY: T.A.R. (MRS) | COUNTY: BALTIMORE | LOG MILE: 03014001.76 | T.T.M.S. NO. DI15 |
| SCALE: 1" = 20' | DATE: 02-01-02 | | |

PREPARED BY
URS
 HUNT VALLEY, MARYLAND

02/10/02 PM 03:59:07 40A Plans 015p330.dgn