

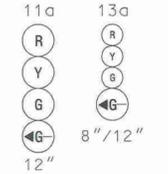
DRILL HOLES

DRILL HOLES

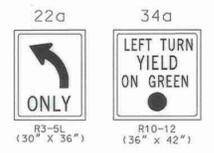
DRILL HOLES

MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EX. SIGNAL HEAD TO BE REMOVED



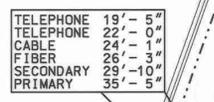
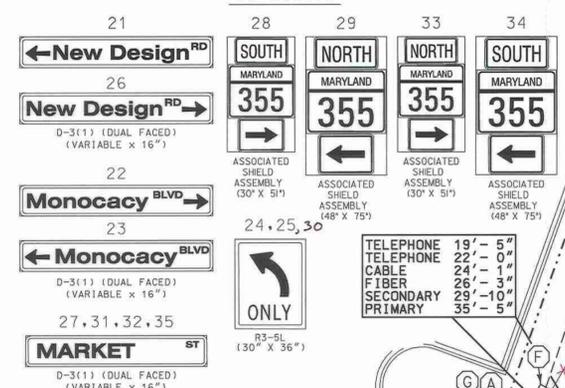
EXISTING SIGNS TO BE REMOVED



PROPOSED SIGNS



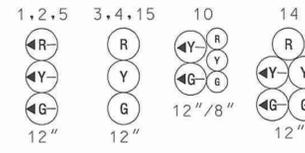
EXISTING SIGNS TO REMAIN



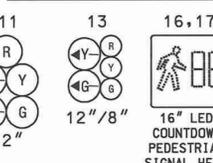
MATCH LINE AA - SEE SHEET TSP-10

VIDEO ZONE DETECTION

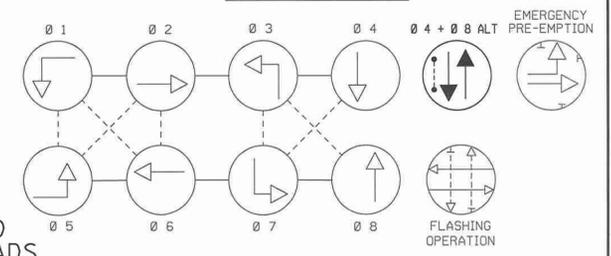
EX. SIGNAL HEADS TO BE UNBAGGED



PROPOSED SIGNAL HEADS



NEMA PHASING



PHASING NOTES: 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY. 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

EXISTING VIDEO DETECTION CAMERA EX. OPTICOM DETECTOR



CONSTRUCTION DETAILS

- A. USE EXISTING STEEL POLE AND MAST ARM. INSTALL SIGNAL HEAD AND SIGN, RELOCATE EXISTING SIGNAL HEAD AND SIGNS AND REMOVE EXISTING SIGNAL HEAD AND SIGN ON MAST ARM AS NOTED.
B. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
C. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
D. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
E. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN.
F. USE EXISTING HANDHOLE.
G. USE EXISTING CONDUIT.
H. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
J. ADJUST VIDEO DETECTION CAMERA(S) TO ENSURE PROPER DETECTION DUE TO SHIFTING OF TRAVEL LANES. ADJUSTING OF VIDEO DETECTION CAMERA WILL NOT BE MEASURED AND PAID BUT WILL BE INCIDENTAL TO THE VIDEO TRAFFIC DETECTION CAMERA UNIT COST.
K. REMOVE EXISTING STRAIN POLE. REMOVE FOUNDATION 12 IN. BELOW GRADE.
L. REMOVE EXISTING SPAN WIRE, TETHER WIRE, SIGNAL HEADS AND SIGNS.
M. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
N. CAP AND ABANDON EXISTING CONDUIT.
P. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN.
Q. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-3(1) SIGN.
R. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
S. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

GENERAL NOTES

- 1. 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.
2. INSTALL MICROLOOP PROBES PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL DETAILS.
3. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
5. 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.
6. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
7. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
9. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18\"/>

ULTIMATE SIGNAL - TSP-9

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 355 AND MD 914 (NEW DESIGN RD.)/MONOCACY BLVD. FREDERICK, MD

TRAFFIC SIGNALIZATION PLAN

SCALE 1\"/>

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MATCH LINE BB - SEE SHEET TSP-10

Table with columns for APPROVALS and REVISIONS. Includes signatures and dates for TEAM LEADER, ASST. DIR. CHIEF, DIVISION CHIEF, and OFFICE DIRECTOR. Revisions include REDLINE REVISION NO. 10 and ADDENDUM NO. 2.

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BY: \$USER\$