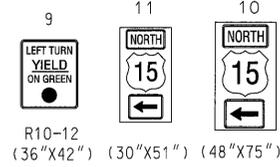
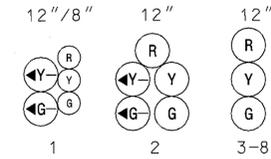


US 15 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

PROPOSED SIGNS

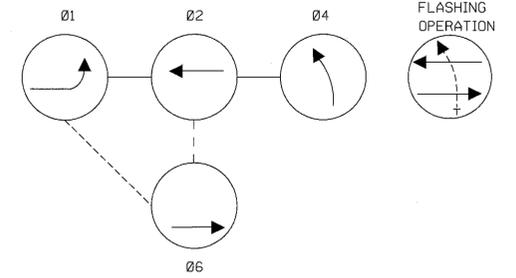


PROPOSED SIGNALS



OVERHEAD VIDEO DETECTION

NEMA PHASING



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

US 15 /US 340

JEFFERSON STREET

RAMP B-1

RAMP C-1

CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS WITH SIGNAL HEADS, OVERHEAD VIDEO DETECTION, 250 WATT HPS LUMINAIRE AND 15' LIGHTING ARM. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-1 3/4 IN. X 90 IN. ANCHOR BOLTS.) STA. 103+63 LT 54'
- B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 40 FT. MAST ARM, SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION, AND 250 WATT HPS LUMINAIRE AND 15' LIGHTING ARM. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-1 3/4 IN. X 90 IN. ANCHOR BOLTS.) STA 104+60 RT 45'
- C. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA 103+87 RT 67'
- D. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- TRENCHED.
- F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- SLOTTED.
- G. INSTALL HANDHOLE.
- H. INSTALL 24 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
- J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT- BORED
- K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- L. INSTALL 2 IN. PVC SCHEDULE 80 CONDUIT BEND AT THE BOTTOM OF UTILITY POLE AND COIL UP 35 FT OF SLACK CABLE WITH PULL STRING.
- M. INSTALL 6 FT X 22 FT. LOOP DETECTOR ENCASED IN 1/2" FLEXIBLE TUBING. (3 TURNS)
- N. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE)

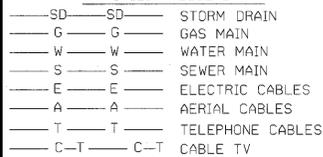
TIE / CONNECT PROPOSED 2" PVC SCHEDULE 80 CONDUIT IN TO BRIDGE CONDUIT

PROPOSED POLE LOCATION AP-597

GEOMETRIC LEGEND



UTILITY LEGEND



REVISIONS

APPROVALS

Michael... 11-25-01  
 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION  
 11-25-01  
 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 TRAFFIC SIGNAL PLAN

US 15 /US 340 @ JEFFERSON STREET ON RAMP

DRAWN BY: JAMES ALLEN JR. F.A.P. NO. 4143  
 CHECKED BY: S.R. S.H.A. NO. FR4095187  
 SCALE: 1" = 20' COUNTY: FREDERICK T.I.M.S. NO. E. 753  
 DATE: SEPTEMBER, 2001 LOG MILE: SHEET NO. 30 OF 48

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