

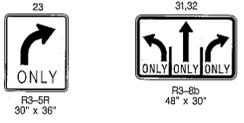
Revised: 27, 2007

DRILL HOLES

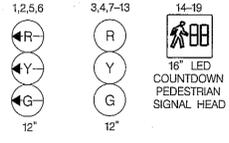
DRILL HOLES

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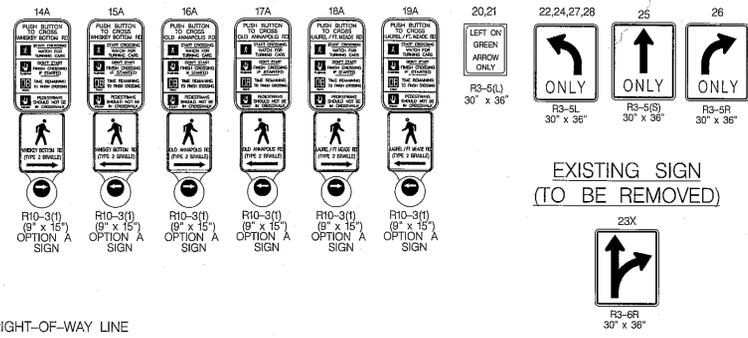
PROPOSED SIGNS



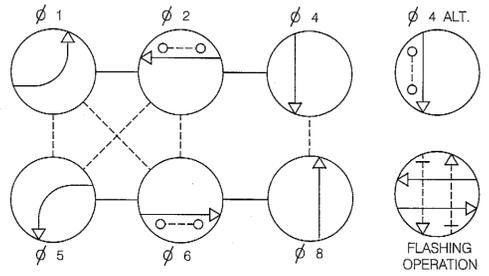
EXISTING SIGNALS



EXISTING SIGNS



NEMA PHASING



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

GENERAL NOTES

- 1. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME...
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY...
3. THE CONTRACTOR SHALL REMOVE ALL UNUSED CABLE.
4. FOR ADDITIONAL SIGNING AND PAVEMENT MARKING SEE PLAN SHEET 2 OF 2.
5. INSTALL CONDUIT AND DETECTION PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
6. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR...
7. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
8. ALL PAVEMENT MARKINGS DETAILED SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
10. INSTALL PRESENCE LOOP DETECTORS 1 FT. BEHIND STOPBARS.
11. DISCONNECT AND ABANDON ALL EXISTING DETECTION FOR OLD ANNAPOLIS ROAD.

OLD ANNAPOLIS ROAD LANE DROP SIGNING & PAVEMENT MARKING LOCATION TABLE

Table with 2 columns: TRAFFIC CONTROL DEVICE, DISTANCE FROM STOPLINE. Rows include ARROW, R3-8b SIGN, ONLY, END SOLID LINES-BEGIN 3-9 SKIP LINES, etc.

SHA TRACKING NO. 13-AP-AA-024

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 198 (LAUREL - FORT MEAD ROAD) & OLD ANNAPOLIS ROAD / WHISKEY BOTTOM ROAD MARYLAND CITY, MARYLAND

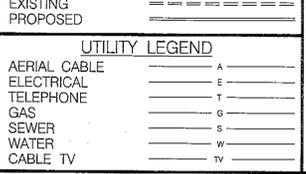
TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 3-18-1998 CONTRACT NO. AT 3585/85 DESIGNED BY H. KILIAN COUNTY ANNE ARUNDEL DRAWN BY H. KILIAN LOGMILE 02019801.02 CHECKED BY N/A TMS NO. H 412 F.A.P. NO. N/A TOD NO. DRAWING NO. TS-1893 F SHEET NO. 1 OF 2

CONSTRUCTION DETAILS

- A. USE EXISTING CONDUIT
B. USE EXISTING HANDHOLE
C. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE CONDUIT - DETECTOR SLEEVE
D. INSTALL 12 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
E. INSTALL 24 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
F. INSTALL WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
G. INSTALL WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING "ONLY"
H. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
I. INSTALL 6 FT. X 6 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-TURNS)
J. USE EXISTING HANDHOLE. SPLICE NEW LOOP WIRE TO EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE
K. REMOVE EXISTING SIGN FROM SPAN WIRE
L. INSTALL R3-8b SIGN ON TWO - 4 IN. X 4 IN. WOOD POSTS
M. INSTALL 4 IN. SKIP WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (3 FT. LINE - 9 FT. GAP)
N. INSTALL R3-SR SIGN ON EXISTING SPAN WIRE AS SHOWN
O. INSTALL 4 IN. SOLID WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE
P. INSTALL 4 IN. SOLID YELLOW, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE

GEOMETRIC LEGEND



TRAFFIC CONCEPTS, INC. 325 Gambrills Road Suite B Gambrills, MD 21054 (410) 923-7101 FAX: (410) 923-6473 EMAIL: KSCHMID@TRAFFIC-CONCEPTS.COM M:1942

APPROVALS: TEAM LEADER, ASST. DIV. CHIEF, DIVISION ENGINEER, OFFICE DIRECTOR. APPROVALS ON FILE.

REVISIONS: (E) MODIFICATIONS TO NORTHBOUND LANE USE 7-18-2013 TMS: M022, SHA NO. BW998M822 TMZ: [Signature] -> MZ-CSW (2-2000) E INSTALL PEDESTRIAN PHASES SHA NO. AT 7825185 D CHANGE MD 198 E.B. AND W.B. TO EXCLUSIVE PHASING 3-18-2005 SHA NO. SW 998M822 [Signature] DAZ [Signature] BK

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