

DRILL HOLES

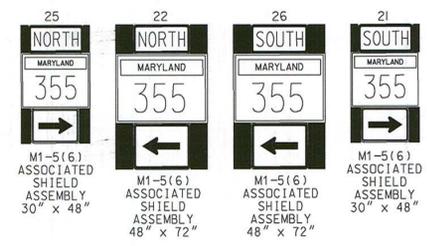
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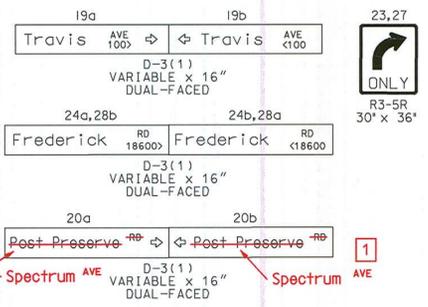
BORDER REV. DATE: June 1, 2004



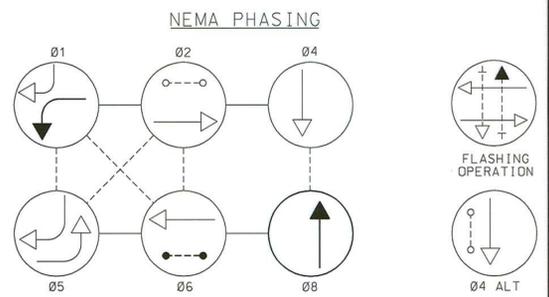
MD 355 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.



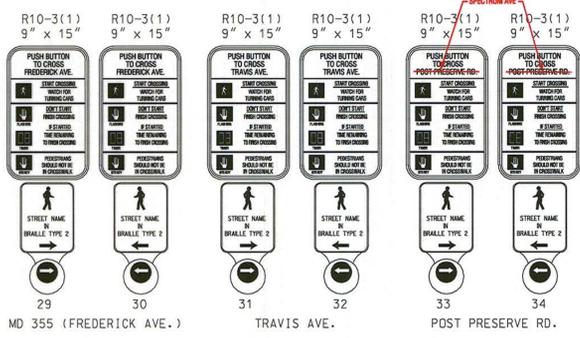
PROPOSED SIGNS



PROPOSED LED SIGNALS



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



EXISTING UNDERGROUND INTERCONNECT NORTH TO PROFESSIONAL DRIVE

MD 355 (FREDERICK ROAD)

CONSTRUCTION DETAILS

- A. Install 10' breakaway pedestal pole with countdown pedestrian signal head and APS pushbutton with pedestrian education sign (R10-3(1)).
B. Install 5' breakaway pedestal pole with APS pushbutton and pedestrian education sign (R10-3(1)).
C. Use existing NEMA size "6" base-mounted cabinet and controller.
D. Install handhole.
E. Install 2-4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
F. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
G. Remove existing stopline pavement marking.
H. Remove existing crosswalk pavement marking.
I. Install 12" white heat applied preformed thermoplastic pavement marking.
J. Install 24" white heat applied preformed thermoplastic pavement marking.
K. Install 24" white heat applied preformed thermoplastic pavement marking.
L. Use existing handhole.
M. Use existing conduit.
N. Remove existing traffic signal from span wire and install LED signal head and tether as shown.
O. Install LED traffic signal on existing span and tether as shown.
P. Remove existing traffic signal from span wire.
Q. Remove existing pedestrian signal heads, pushbutton and sign from strain pole.
R. Remove existing pedestrian signal head, pushbutton and sign from strain pole.
S. Remove existing pedestrian signal and install countdown pedestrian signal head as shown.
T. Use existing strain pole. Rotate existing lighting arm to align above span as shown.
U. Remove existing sign from span wire.
V. Install proposed span mounted sign.
W. Existing underground interconnect to remain.
X. Existing underground electrical service to remain.
Y. Install detectable warning surface (60"x24") Standard No. MD 655.40 onto existing median cut-through as shown.

NOTE: All proposed sidewalk ramps, median cut-throughs and detectable warning surfaces are to be installed by the road contractor unless otherwise noted.

CONSTRUCTION DETAILS (cont.)

- aa. Install 100' of 5" white thermoplastic pavement marking.
bb. Install white heat applied preformed thermoplastic pavement marking (right arrow).
cc. Remove existing lane line pavement marking (5' length).

Table with 2 columns: LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES, and symbols for AERIAL CABLE, ELECTRIC, TELEPHONE, GAS, SEWER, WATER, CABLE TV.

REVISION "B" logo for STREET TRAFFIC STUDIES, LTD. with contact information.

Redline Revision stamp: Redline Revision Dated August 10th, 2011. SNA MDOT-SHA O.O.T.S. S.H.A. Approval Date 8/1/2011 T.S. # 3555B T.I.M.S. # J905

- GENERAL NOTES: 1. All underground utilities shown on these plans are schematic only and may not be complete. 2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. 3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. 4. Poles are to be located so that they can be activated by a person in a wheelchair from a 60"x60" level landing area. 5. If the location of Accessible Pedestrian Signal Pushbuttons must be changed the contractor shall notify the Project Engineer to get approval for new location to ensure proper requirements of the MUTCD are still met. 6. Pushbutton is to be located so that a pedestrian in a wheelchair located on the level landing area, does not have to reach more than 18". 7. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole. 8. Pushbutton arrows are to be parallel to the crossing for which they are intended. 9. The contractor shall remove all unused wiring. 10. If existing pedestrian pushbuttons are made inaccessible during the construction phase, notify Kamal Hamud (240) 777-8761 immediately. 11. Newly installed pedestrian signals, pushbuttons and signs, and vehicle signals should be completely covered with opaque material; the contractor is responsible to maintain this covering until they are placed in service.

SNA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION MD 355 (FREDERICK RD) AND TRAVIS AVE / POST-PRESERVE RD SPECTRUM AVE GAITHERSBURG, MARYLAND

Table with columns: APPROVALS, REVISIONS, and TRAFFIC SIGNAL PLAN. Includes fields for TEAM LEADER, ASST. DIV., DIVISION CHIEF, OFFICE DIRECTOR, SCALE, DATE, CONTRACT NO., DESIGNED BY, DRAWN BY, CHECKED BY, F.A.P. NO., TS NO., DRAWING NO., SHEET NO.

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