

DRILL HOLES

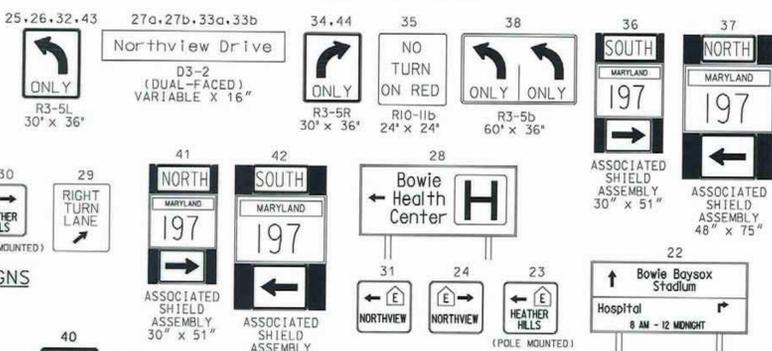
DRILL HOLES

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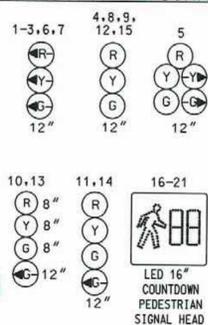
REVISION DATE: June 1, 2006

NOTE: MD 197 IS CONSIDERED TO RUN IN AN NORTH-SOUTH DIRECTION.

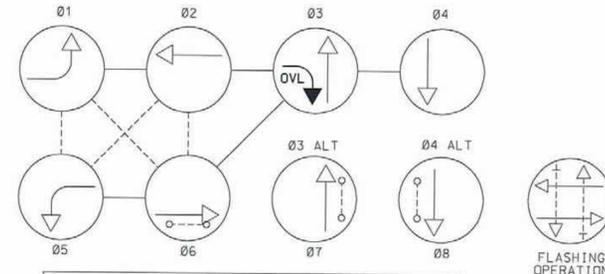
EXISTING SIGNS



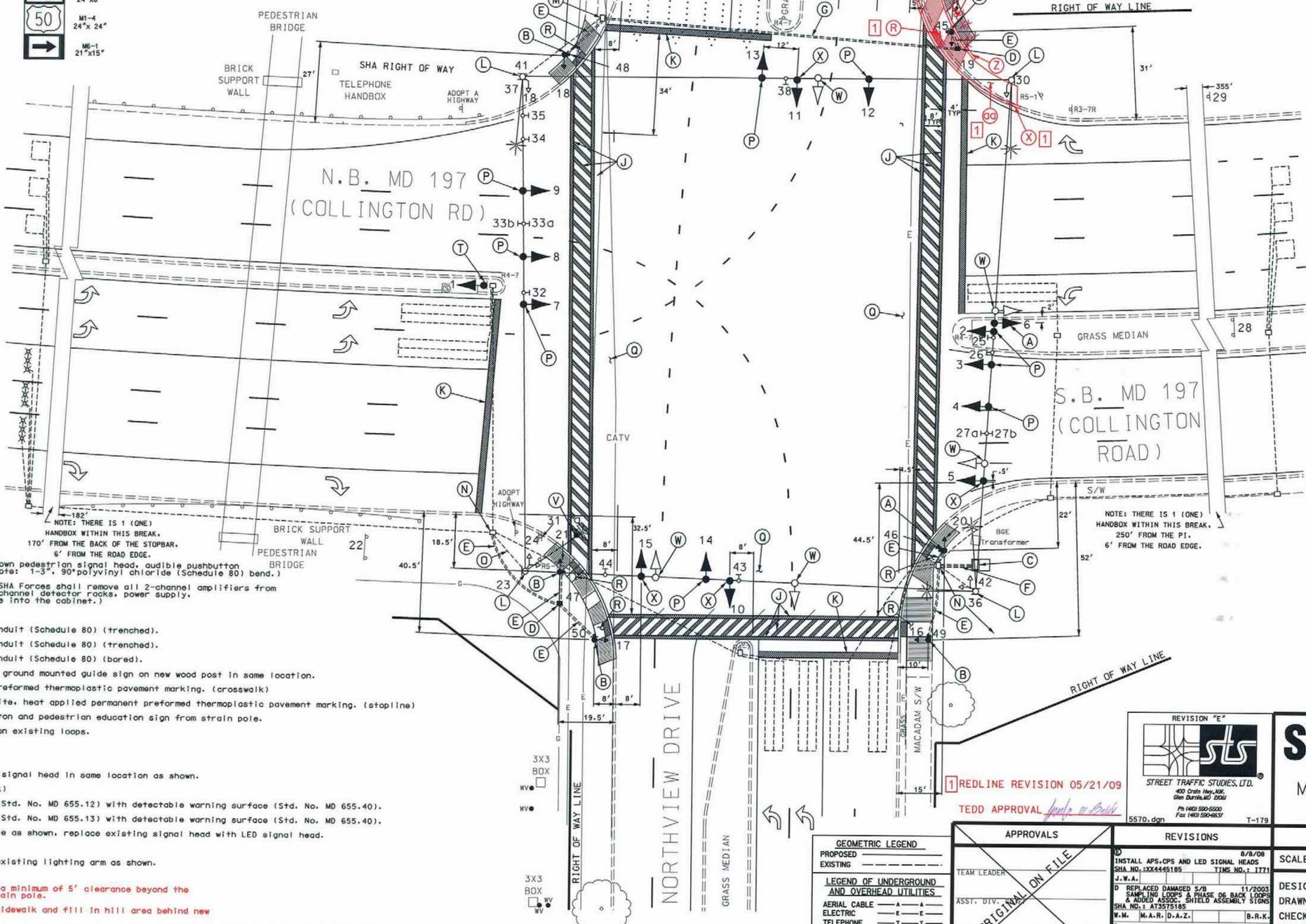
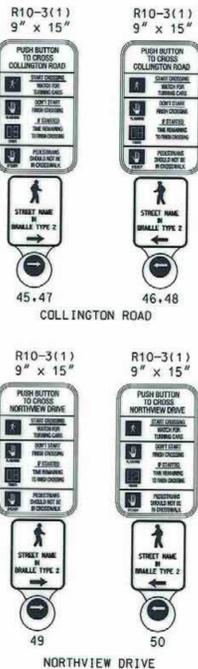
PROPOSED LED SIGNALS



NEMA PHASING



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



CONSTRUCTION DETAILS

- A. Install LED signal head as shown.
B. Install 10' breakaway pedestal pole, Countdown pedestrian signal head, audible pushbutton with pedestrian education sign as shown.
C. Install 4" elbow into cabinet base.
D. Install handhole.
E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
F. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
H. Remove existing guide signs and install new ground mounted guide sign on new wood post in same location.
I. Install 12" white, heat applied permanent preformed thermoplastic pavement marking.
J. Remove existing stopline and install 24" white, heat applied permanent preformed thermoplastic pavement marking.
K. Remove existing pedestrian signals, pushbutton and pedestrian education sign from strain pole.
L. Use existing handhole. Disconnect and abandon existing loops.
M. Use existing handhole.
N. Use existing handhole.
O. Use existing conduit.
P. Remove existing signal head and install LED signal head in same location as shown.
Q. Remove existing pavement markings (crosswalk).
R. Install proposed parallel handicapped ramp (Std. No. MD 655.12) with detectable warning surface (Std. No. MD 655.40).
S. Install proposed parallel handicapped ramp (Std. No. MD 655.13) with detectable warning surface (Std. No. MD 655.40).
T. Remove existing pushbutton from pedestal pole as shown, replace existing signal head with LED signal head.
U. Replace existing sidewalk as shown.
V. Install proposed video detection camera on existing lighting arm as shown.
W. Remove existing signal head.
X. Install proposed curb and gutter to provide a minimum of 5' clearance beyond the foundations of existing ped pole and the strain pole.
Y. Contractor shall remove existing ramp with sidewalk and fill in hill area behind new proposed ramp with sidewalk.
Z. Install proposed retaining curb. Curb shall be of sufficient height to maintain a 2:1 slope when hill is backfilled.
aa. Install proposed 5' sidewalk as shown.

- 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. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60"x60" level landing area with a cross slope of less than or equal to 2%.
5. The 10' separation between pushbuttons is to be measured from face of pushbutton to face of pushbutton, not center to center of pole.
6. Pushbutton arrows are to be parallel to the crossing for which they are intended.
7. Location of Accessible Pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2 and the NCHRP publication, Accessible Pedestrian Signal: Guide to Best Practice.
8. The contractor shall remove all unused wiring.



STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
MD 197 AND NORTHVIEW DRIVE
BOWIE, MARYLAND

Table with columns for APPROVALS and REVISIONS. Includes a 'REVISION E' section and a 'REDLINE REVISION 05/21/09' note.

Table with columns for DESIGNED BY, DRAWN BY, CHECKED BY, F.A.P. NO., TS NO., DRAWING NO., and SHEET NO.

Table with columns for GEOMETRIC LEGEND and LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES.

PLOTTED: #DATE/TIME# FILE: #FILE#