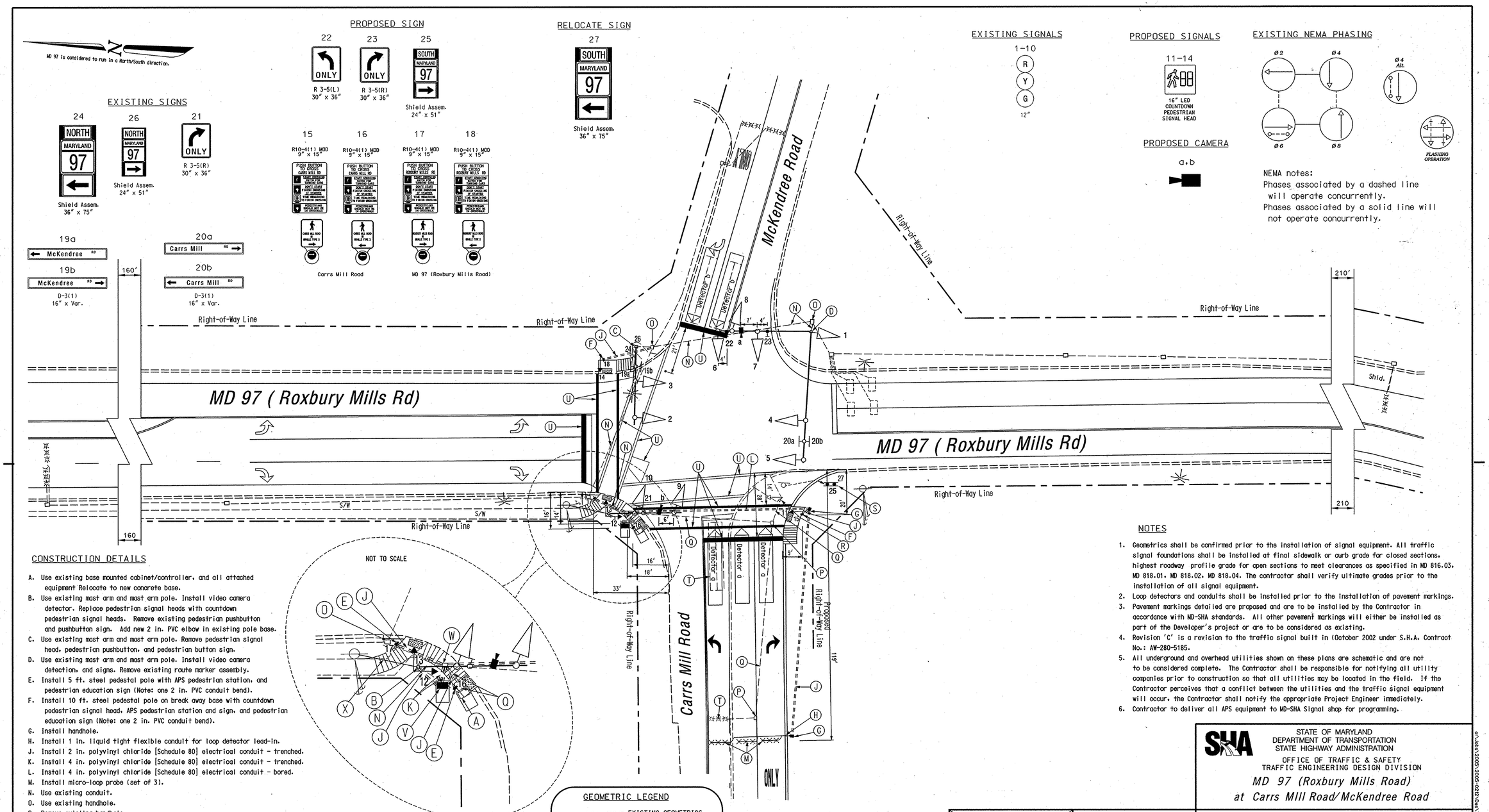


DRILL HOLES

DRILL HOLES

DRILL HOLES

## CONSTRUCTION DETAILS

A. Use existing base mounted cabinet/controller, and all attached equipment Relocate to new concrete base.
B. Use existing mast arm and mast arm pole. Install video camera detector. Replace pedestrian signal heads with countdown pedestrian signal heads. Remove existing pedestrian pushbutton and pushbutton sign. Add new 2 in. PVC elbow in existing pole base.
C. Use existing mast arm and mast arm pole. Remove pedestrian signal head, pedestrian pushbutton, and pedestrian button sign.
D. Use existing mast arm and mast arm pole. Install video camera detection, and signs. Remove existing route marker assembly.
E. Install 5 ft. steel pedestal pole with APS pedestrian station, and pedestrian education sign (Note: one 2 in. PVC conduit bend).
F. Install 10 ft. steel pedestal pole on break away base with countdown pedestrian signal head, APS pedestrian station and sign, and pedestrian education sign (Note: one 2 in. PVC conduit bend).
G. Install handhole.
H. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
J. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
L. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
M. Install micro-loop probe (set of 3).
N. Use existing conduit.
O. Use existing handhole.
P. Remove existing handhole.
Q. Cap and abandon existing conduit.
R. Remove existing pedestrian pole and all attached equipment.
S. Relocate existing ground mounted sign and install new sign shown.
T. Abandon existing detector.
U. Detailed as part of Pavement Marking Plan.
V. Relocate existing cabinet and all attached equipment to new cabinet base. Install video interface panel.
W. Use existing handhole. Pull back all cables from existing cabinet and rerun in new conduit to new cabinet.
X. Existing overhead electrical service.

## NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at 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.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'C' is a revision to the traffic signal built in October 2002 under S.H.A. Contract No.: AW-280-5185.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
6. Contractor to deliver all APS equipment to MD-SHA Signal shop for programming.

## GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

## UTILITY LEGEND

| | |
|---|---|
| G | GAS MAIN |
| W | WATER MAIN |
| S | SEWER MAIN |
| E | ELECTRIC CABLES |
| D | STORM DRAIN |
| A | AERIAL CABLES |
| T | TELEPHONE CABLES |


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APPROVALS

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

C Nov. 27, 2006 S.H.A. No.:BW996M82
Relocate Ped Pole & Install camera detection EB Carrs Mills,Rd & APS countdown Peds.
B October 15, 2002
ASBUILT for red light camera installation.
R.R.Z
A Upgrade ICB to fully actuate signal
S.H.A. No.:XX105785 Feboary, 2000

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

*MD 97 (Roxbury Mills Road)*
*at Carrs Mill Road/McKendree Road*

# TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE Oct. 14, 2002 CONTRACT NO. AW-280-5185

DESIGNED BY S. Bloss/N. Leary COUNTY Howard
DRAWN BY S. Bloss/N. Leary LOGMILE 13009705.10
CHECKED BY T. Hannan T.I.M.S. NO. H-823
F.A.P. NO. AC-STPG-0005(691) E TOD NO. 3744 C

DRAWING NO. TS - 3744C SHEET NO. 1 OF 2


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