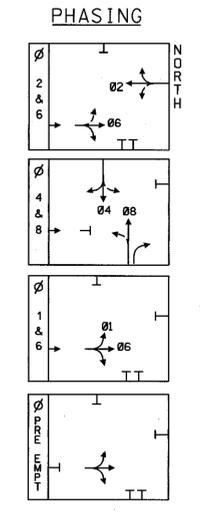
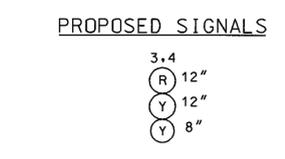
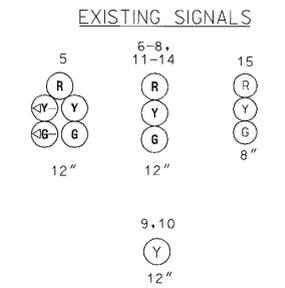
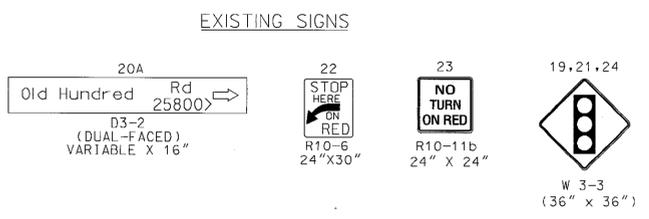


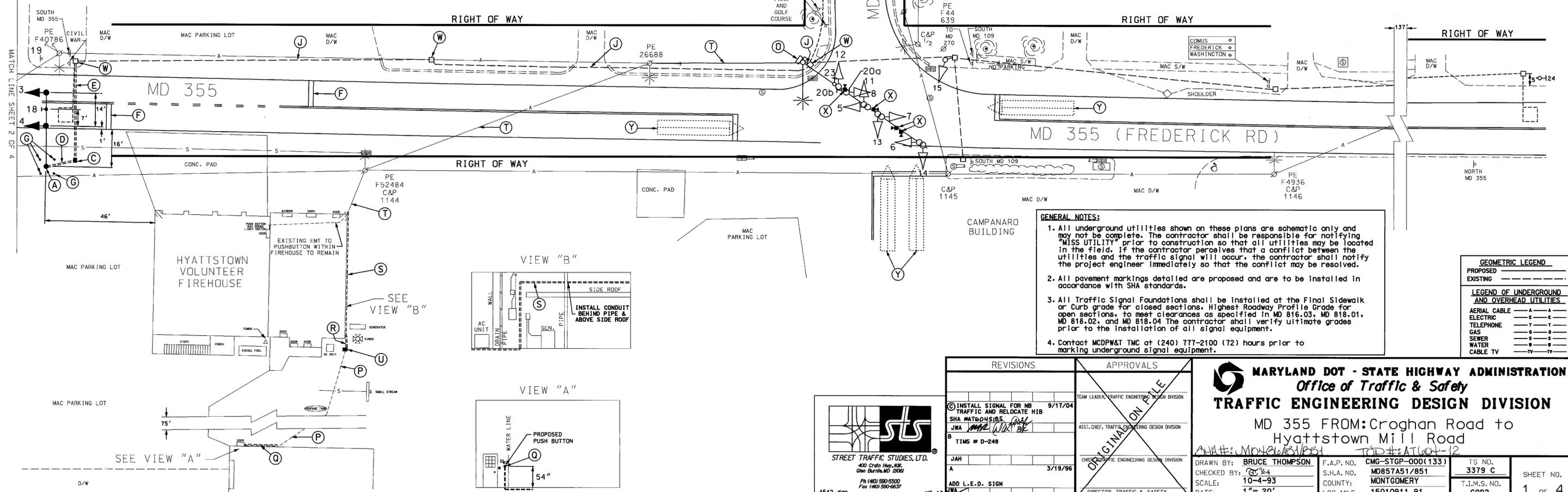
NOTE: MD 355 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.



**CONSTRUCTION DETAILS**

- A. Install 27' steel pole with a 30' mast arm, traffic signal heads and sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- C. Install handhole.
- D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- E. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- F. Remove existing stopline as shown.
- G. Install bollards (4" galvanized conduit filled with concrete) as shown.
- J. Use existing conduit.
- D. Use existing pole mounted cabinet and controller
- P. Use existing conduit to install pushbutton wire.
- Q. Install proposed pushbutton on wall and drill through wall with 3/4" galvanized conduit and tie into existing conduit with pull string as shown.
- R. Install 1" galvanized conduit (trenched) from bottom of building wall to proposed handhole as shown
- S. Install 3/4" EMT conduit onto wall from rear of building to front of building as shown.
- T. Install proposed 3 conductor cable to existing span wire as shown.
- U. Install handhole and tie into existing 2" polyvinyl chloride electrical conduit.
- W. Use existing handhole.
- X. Install video detection camera on existing mast arm.
- Y. Install video detection zone.

Note: See sheets 2 of 4 and 3 of 4 for Construction Details B, H, K, L, M, N and V.



**GENERAL NOTES:**

- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" 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 will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
- All Traffic Signal Foundations shall be installed at the 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, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- Contact MCDPW&T TMC at (240) 777-2100 (72) hours prior to marking underground signal equipment.

**GEOMETRIC LEGEND**

PROPOSED ————

EXISTING - - - - -

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE — A — A

ELECTRIC — E — E

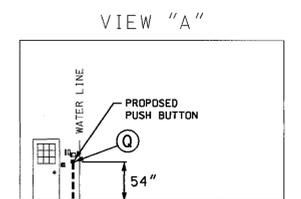
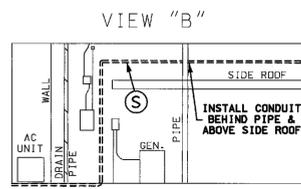
TELEPHONE — T — T

GAS — G — G

SEWER — S — S

WATER — W — W

CABLE TV — TV — TV



REVISIONS		APPROVALS	
1	INSTALL SIGNAL FOR NB TRAFFIC AND RELOCATE HIB	9/17/04	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
2	SHA #AT045185		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
3	TMS # D-248		CHEIEF, TRAFFIC ENGINEERING DESIGN DIVISION
4	ADD L.E.D. SIGN	3/19/96	DIRECTOR, TRAFFIC & SAFETY

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

MD 355 FROM: Croghan Road to Hyattstown Mill Road

SHA #: MD045185  
 TMS #: AT045185

DRAWN BY: BRUCE THOMPSON  
 CHECKED BY: [Signature]  
 SCALE: 1" = 20'  
 DATE: [Blank]

F.A.P. NO. CMG-STGP-000(133)  
 S.H.A. NO. MD87A51/851  
 COUNTY: MONTGOMERY  
 LOG MILE: 15010911.91

TS NO. 3379 C  
 T.I.M.S. NO. 6092

SHEET NO. 1 OF 4

**STREET TRAFFIC STUDIES, LTD.**  
 400 Croft Hwy., N.W.  
 Glen Burnie, MD 21061  
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 Fax (410) 590-6637

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