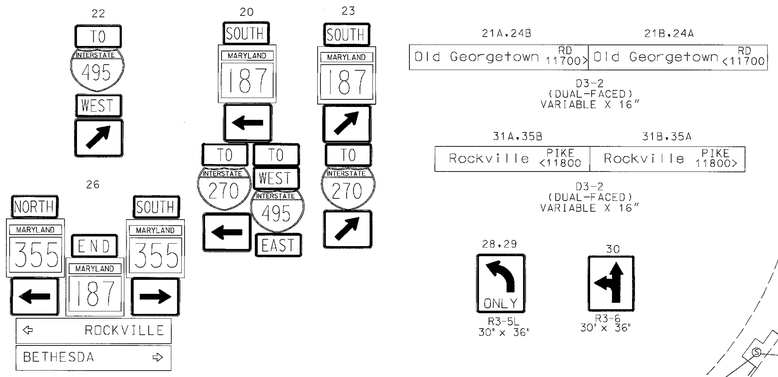
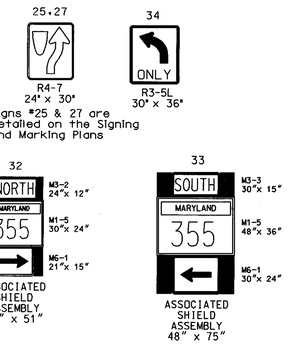
NOTE: MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS

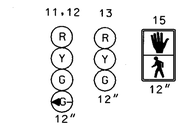


PROPOSED SIGNS



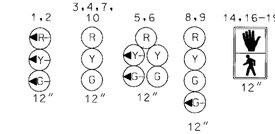
Note: Signs #25 & 27 are detailed on the Signing and Marking Plans

PROPOSED SIGNALS

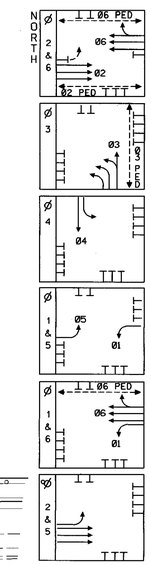


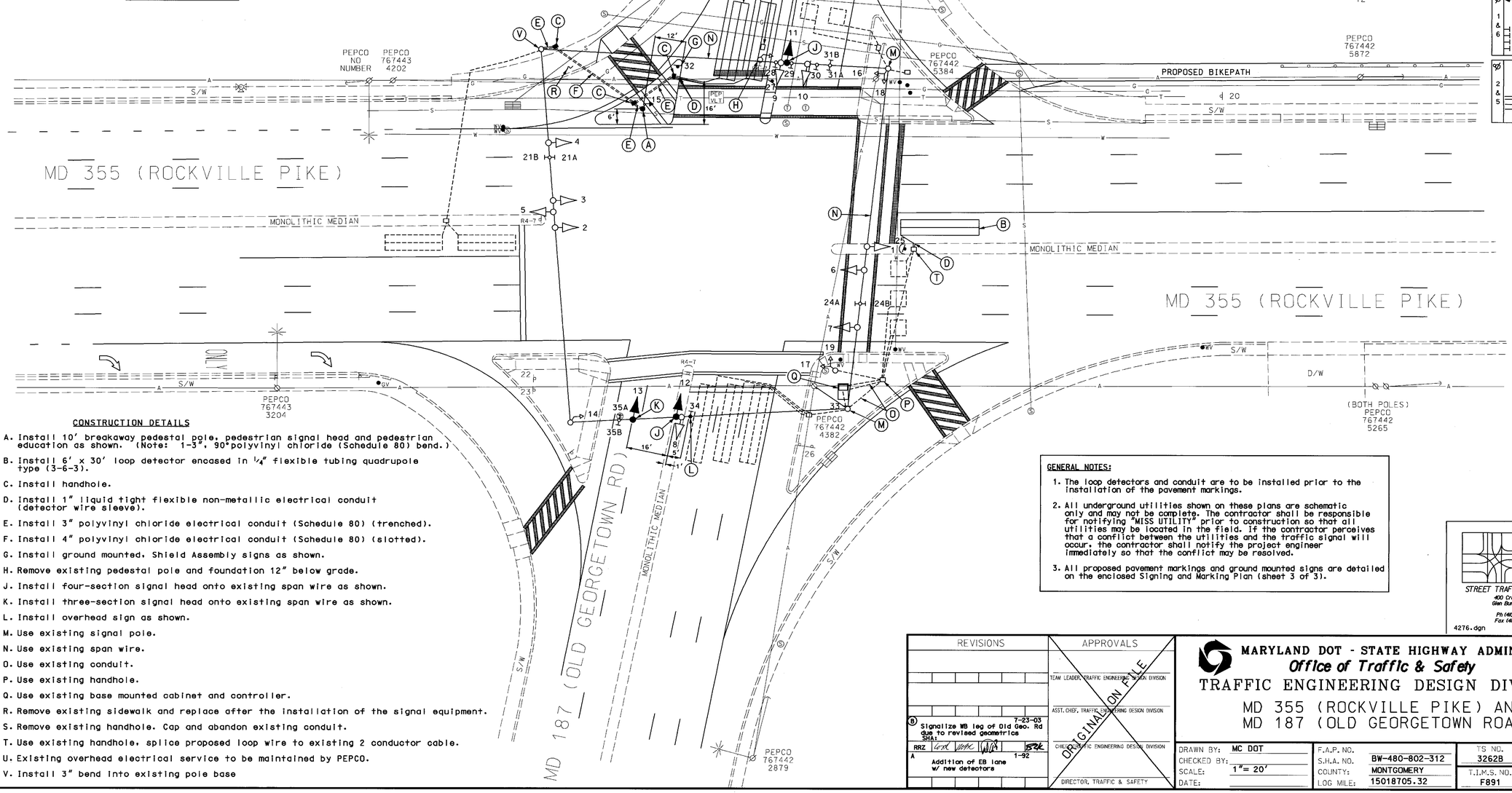
All proposed signal heads are to be Black Faced

EXISTING SIGNALS



PHASING





CONSTRUCTION DETAILS

A. Install 10' breakaway pedestal pole, pedestrian signal head and pedestrian education as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

B. Install 6' x 30' loop detector encased in ¼" flexible tubing quadrupole type (3-6-3).

C. Install handhole.

D. Install 1" liquid tight flexible non-metallic electrical conduit (detector wire sleeve).

E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

F. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

G. Install ground mounted, Shield Assembly signs as shown.

H. Remove existing pedestal pole and foundation 12" below grade.

J. Install four-section signal head onto existing span wire as shown.

K. Install three-section signal head onto existing span wire as shown.

L. Install overhead sign as shown.

M. Use existing signal pole.

N. Use existing span wire.

O. Use existing conduit.

P. Use existing handhole.

Q. Use existing base mounted cabinet and controller.

R. Remove existing sidewalk and replace after the installation of the signal equipment.

S. Remove existing handhole. Cap and abandon existing conduit.

T. Use existing handhole, splice proposed loop wire to existing 2 conductor cable.

U. Existing overhead electrical service to be maintained by PEPCO.

V. Install 3" bend into existing pole base

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
2. 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.
3. All proposed pavement markings and ground mounted signs are detailed on the enclosed Signing and Marking Plan (sheet 3 of 3).

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—

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

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REVISIONS			
B	Signalize WB leg of Old Geo. Rd due to revised geometrics SHA:	7-23-03	
A	Addition of EB lane w/ new detectors	1-92	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 (ROCKVILLE PIKE) AND
MD 187 (OLD GEORGETOWN ROAD)

DRAWN BY: MC DOT	F.A.P. NO.	TS NO. 3262B	SHEET NO.
CHECKED BY:	S.H.A. NO. BW-480-802-312		
SCALE: 1"= 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. F891	1 OF 3
DATE:	LOG MILE: 15018705.32		

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