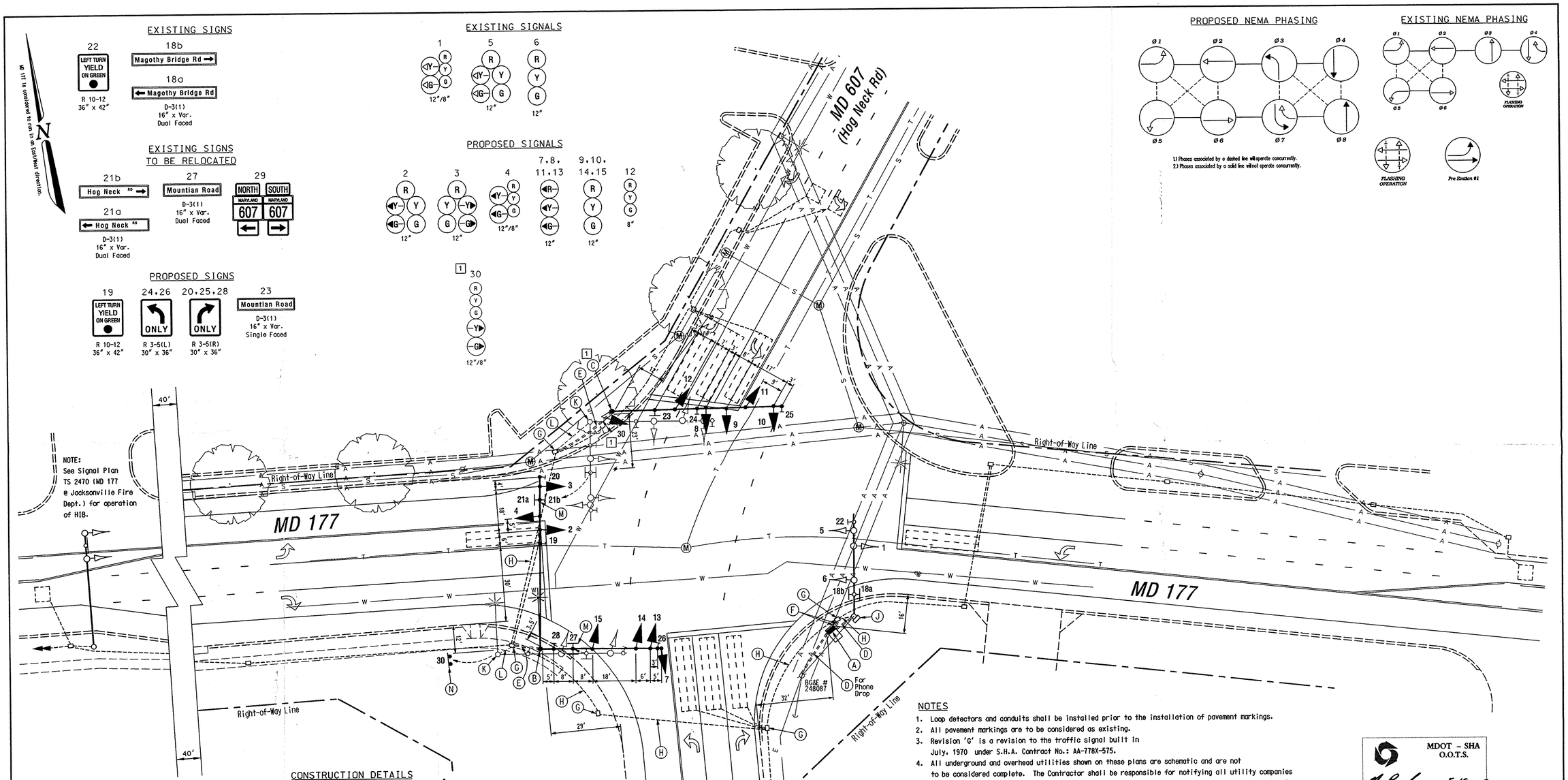

NOTES

1. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
2. All pavement markings are to be considered as existing.
3. Revision 'G' is a revision to the traffic signal built in July, 1970 under S.H.A. Contract No.: AA-778X-575.
4. 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.

MDOT - SHA
O.O.T.S.
S.H.A. Approval — Date 5-19-05
T.S. 106-G T.I.M.S. F-832

Red Line Revision No. 1
Dated 05-19-05

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment.
B. Install 27 ft. steel twin mast arm pole with a 50 ft. and 70 ft. mast arms, vehicle signal heads, signs, 20 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
1 C. Install 21 ft. steel mast arm pole [cut from a 27 ft. pole] with 70 ft. mast arm, vehicle signal heads, and signs (Note: one 3 in. PVC conduit bend). Install pole mounted signal.
D. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
E. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
F. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
G. Use existing handhole.
H. Use existing conduit.
J. Use existing mast arm pole, signs, and signal heads. Rewire existing signal heads to new base mounted cabinet. Disconnect and re-run all loop detector cables and cables for fire house pre-emption to new base mounted cabinet. Remove existing pole mounted cabinet/controller. Use existing overhead electrical service and re-route service to new base mounted cabinet.
K. Remove existing mast arm pole and all attached equipment.
L. Cap and abandon existing conduit.
M. Remove existing street name sign from existing mast arm and relocate as shown.
N. Remove existing route marker signs from existing mast arm pole and relocate to wood posts as shown.

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

Revision "G"

The Traffic Group
The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601

REVISIONS	
©	June 23, 2003
	Replace N/S Split Phase w/ Exclusive Lt's.
S.H.A. No.:	BW996M82
JJD	

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
(Traffic Signal Plan)

MD 177 at MD 607/Magothy Bridge Road

DRAWN BY: Robert Ligon	F.A.P. NO. N/A	TS NO. 106 G	SHEET NO. 1 OF 2
CHECKED BY: Steve Renzi	S.H.A. NO. AA-778X-575		
SCALE: 1" - 20'	COUNTY: Anne Arundel	T.I.M.S. NO. F-832	
DATE: July 1, 1970	LOG MILE: 02017704.21		

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