MD 3 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

10 — R3-3 48" x 48"

EXISTING SIGNS

12 — WEST MARYLAND 175 — SHIELD ASSEMBLY

17 — WEST MARYLAND 175 — SHIELD ASSEMBLY

11 — WEST MARYLAND 175 — SHIELD ASSEMBLY

18 — R3-1 24"X24"

15 — R3-2 24"X24"

14 — SOUTH MARYLAND 3 — SHIELD ASSEMBLY

13 — NORTH MARYLAND 3 — SHIELD ASSEMBLY

16 — SOUTH MARYLAND 3 — SHIELD ASSEMBLY

PROPOSED SIGNALS

1-2 — Y 12"

EXISTING SIGNALS

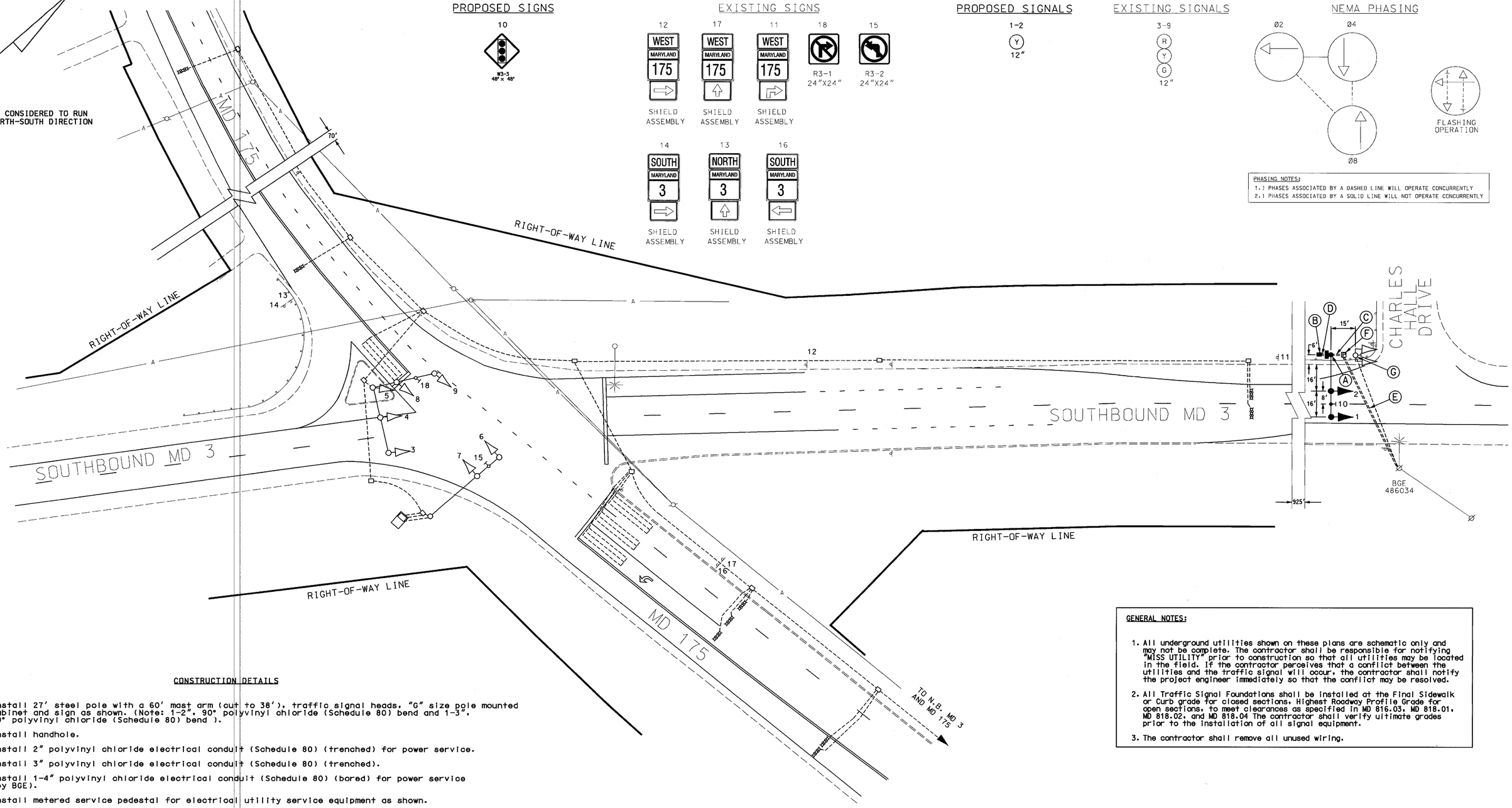
3-9 — R Y G 12"

NEMA PHASING

Ø2 Ø4 Ø8

FLASHING OPERATION

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 27' steel pole with a 60' mast arm (cut to 38'), traffic signal heads, "G" size pole mounted cabinet and sign as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend and 1-3", 90° polyvinyl chloride (Schedule 80) bend).

B. Install handhole.

C. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for power service.

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

E. Install 1-4" polyvinyl chloride electrical conduit (Schedule 80) (bored) for power service (by BGE).

F. Install metered service pedestal for electrical utility service equipment as shown.

G. Remove existing pedestal pole, all attached signal equipment, existing service and foundation 12" below grade. Cap and abandon existing conduit.

GENERAL NOTES:

1. 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.
2. 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.
3. The contractor shall remove all unused wiring.

SHA# AA287A5a/b5a TOD# XX10654-60

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—

REVISION "1"

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

4654.dgn WT-69

REVISIONS		
1	REPLACE GROUND MOUNTED H.I.B. WITH OVERHEAD H.I.B. SHA NO.: XX1065485	8-18-04
H	REPLACE LOOP DETECTION DUE TO WIDENING	8-15-00

JWA / DAZ / BRK — TMZ

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 3 (SOUTH BOUND) AND MD 175

DRAWN BY: B THOMPSON	F.A.P. NO.	TS NO. 179 I	SHEET NO.
CHECKED BY: S RENZI	S.H.A. NO.		1 OF 2
SCALE: 1"= 30'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. G407	
DATE: 7-20-98	LOG MILE: 02500305.65		

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