MD 99 is continued to right in an East/West direction.

PROPOSED SIGNS

13,17 — R 3-5(L) 30" x 36"

14,16 — R 3-6(R) 30" x 36"

PROPOSED VIDEO CAMERAS

a,b,c — Video Detector Camera

EXISTING SIGNS

10 — Old Mill ROAD / Bethany LANE

11 — Bethany LANE / Old Mill ROAD

D-3(1)

EXISTING SIGNS TO BE RELOCATED

12 — Old Frederick Rd WEST MARYLAND 99 EAST

15 — Old Frederick Rd EAST MARYLAND 99 WEST

M1-5(4)

EXISTING SIGNS TO BE REPLACED

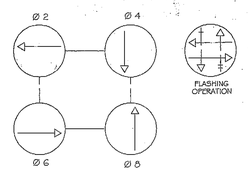
(14),(16) — ONLY

EXISTING SIGNALS

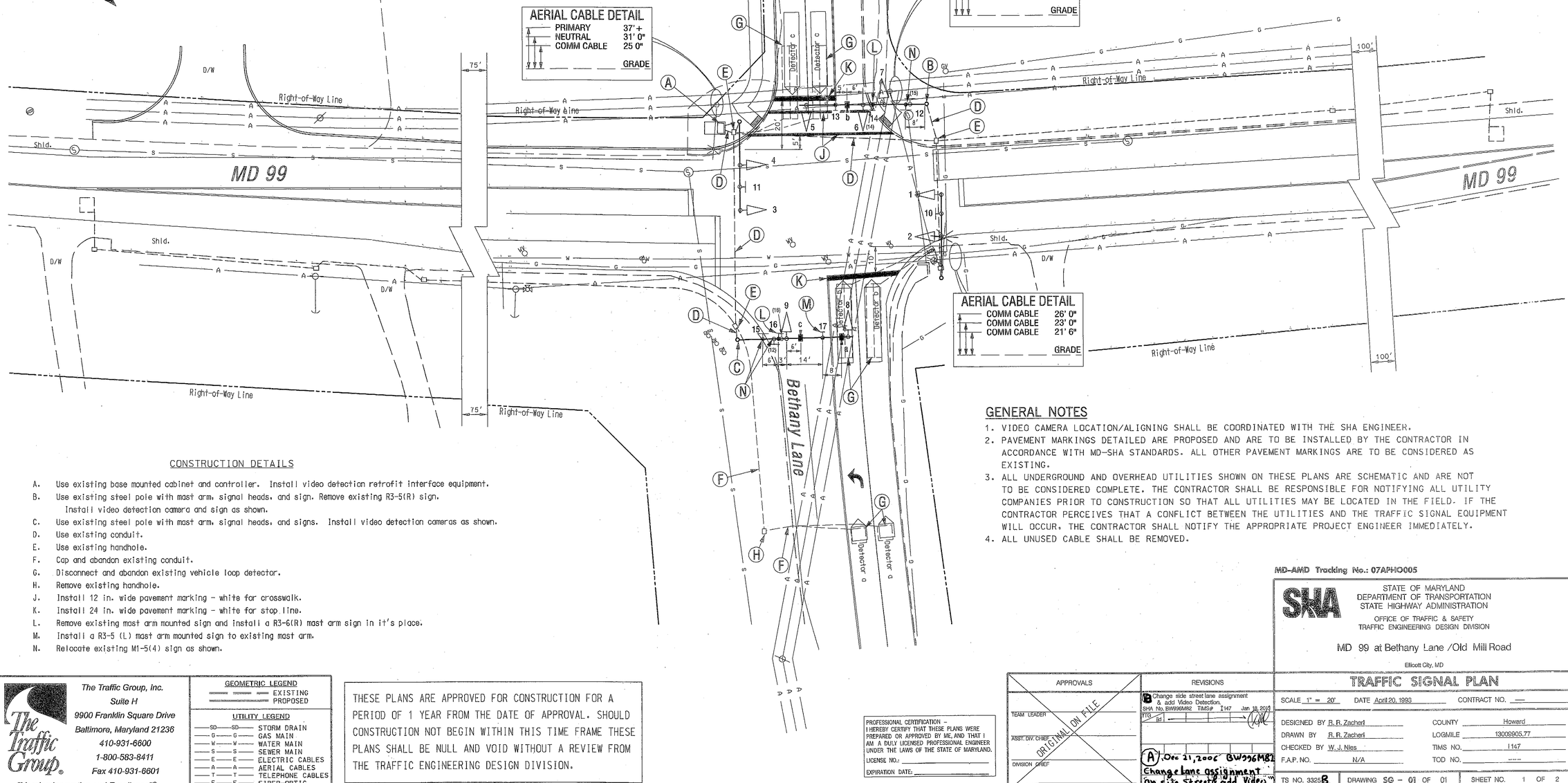
1,2,3,4, 5,6,8,9 — R, Y, G — 12"

7 — R, Y, G — 8"

EXISTING NEMA PHASING



NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.



CONSTRUCTION DETAILS

A. Use existing base mounted cabinet and controller. Install video detection retrofit interface equipment.
B. Use existing steel pole with mast arm, signal heads, and sign. Remove existing R3-5(R) sign. Install video detection camera and sign as shown.
C. Use existing steel pole with mast arm, signal heads, and signs. Install video detection cameras as shown.
D. Use existing conduit.
E. Use existing handhole.
F. Cap and abandon existing conduit.
G. Disconnect and abandon existing vehicle loop detector.
H. Remove existing handhole.
J. Install 12 in. wide pavement marking - white for crosswalk.
K. Install 24 in. wide pavement marking - white for stop line.
L. Remove existing mast arm mounted sign and install a R3-6(R) mast arm sign in it's place.
M. Install a R3-5 (L) mast arm mounted sign to existing mast arm.
N. Relocate existing M1-5(4) sign as shown.

GENERAL NOTES

1. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MD-SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS ARE TO BE CONSIDERED AS EXISTING.
3. 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.
4. ALL UNUSED CABLE SHALL BE REMOVED.

The Traffic Group, Inc.
Suite H
9900 Franklin Square Drive
Baltimore, Maryland 21236
410-931-6600
1-800-583-8411
Fax 410-931-6601
"Merging Innovation and Excellence"®

PLOTTED BY: JDindorfer

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

PROFESSIONAL CERTIFICATION -
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.:
EXPIRATION DATE:

APPROVALS
TEAM LEADER — ORIGINAL ON FILE
ASSIT. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
B Change side street lane assignment & add Video Detection. SHA No. BW996M82 TIMS# 1147 Jan 18, 2013 TYG Jld
A Dec 21, 2006 BW996M82 Change lane assignment on side street & add Video Detection

MD-AMD Tracking No.: 07APHO005

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

MD 99 at Bethany Lane /Old Mill Road
Ellicott City, MD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE April 20, 1993 CONTRACT NO. —
DESIGNED BY R. R. Zacherl COUNTY Howard
DRAWN BY R. R. Zacherl LOGMILE 13009905.77
CHECKED BY W. J. Niles TIMS NO. 1147
F.A.P. NO. N/A TOD NO. ----
TS NO. 3325B, DRAWING SG - 01 OF 01 SHEET NO. 1 OF 2

PLOTTED: Monday, January 21, 2013 AT 12:34 PM
FILE: F:\2012\2012-176A\dns\Signal Plan.dgn