NOTE: MD 162 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS

14a,15a: Allwood DR →
14b,15b: ← Allwood DR
D3-2 VARIABLE x 16" (DUAL FACED)

19a,19b,20a,20b: Aviation BLVD
D3-2 VARIABLE x 16" (DUAL FACED)

18: ONLY
R3-5L 30" x 36"

16,17: LEFT TURN YIELD ON GREEN
R 10-12 36"X42"

EXISTING SIGNALS

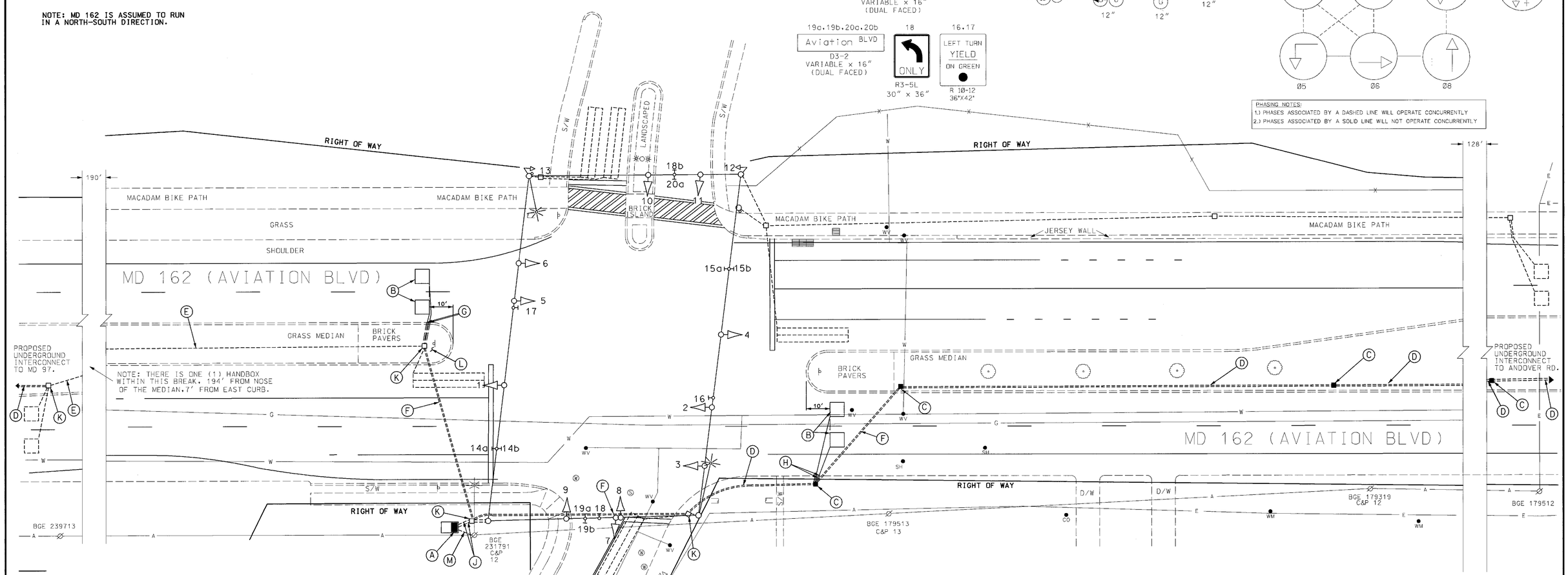
1,4 — 12" R 8" Y 8" G 8"
2,5 — R Y G 12"
3,6-11 — R Y G 12"
12,13 — 12"

NEMA PHASING

Ø1 Ø2 Ø4
Ø5 Ø6 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. Use base-mounted cabinet foundation. The contractor shall disconnect and pull back existing cable to remove the existing cabinet. Install a NEMA size "6" cabinet, system local controller, all necessary equipment for rewiring system and the installation of the interconnect and sampling cables.

B. Proposed 6' x 6' loop detector encased in 1/4" flex tubing (4-turns).

C. Proposed handhole.

D. Install 3" polyvinyl chloride (Schedule 80) electrical conduit (trenched) for the installation of I/C and/or sampling cables.

E. Use 2" polyvinyl chloride electrical conduit (Schedule 80) to install the interconnect cable.

F. Proposed 4" polyvinyl chloride electrical conduit (Schedule 80) (bored) for the installation of the interconnect and sampling cables.

G. Install 1" galvanized steel electrical conduit for the detector sleeve.

H. Install 1" liquid tight flexible non-metallic conduit for the detector sleeve.

J. Use existing 4" galvanized steel electrical conduit (Schedule 80).

K. Use existing handhole.

L. Remove and replace brick pavers for the installation of the signal equipment.

M. Existing underground electrical service by BGE to remain.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.

2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

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 "C"

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

3922B.DGN TASK 2

REVISIONS					
C 5/10/02 ASBUILT& REPLACE CABINET, ADD I/C AND SAMPLING SHA NO. XX1085185					
EMM					
B 5/23/92 ADD PED HEADS & PAVEMENT MARKINGS SHA NO. AA-463-501-571					
ERS	DJD			ETP	TH

APPROVALS (ORIGINAL ON FILE)
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

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

MD 162 (AVIATION BLVD) & ALLWOOD DRIVE

DRAWN BY: G SIMMERS	F.A.P. NO. —	TS NO. 3192C	SHEET NO. 2 OF 23
CHECKED BY: DJD	S.H.A. NO. ~~AA-463-501-571~~ 2		
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. E 451	
DATE: 11/10/91	LOG MILE: 02016201.11		