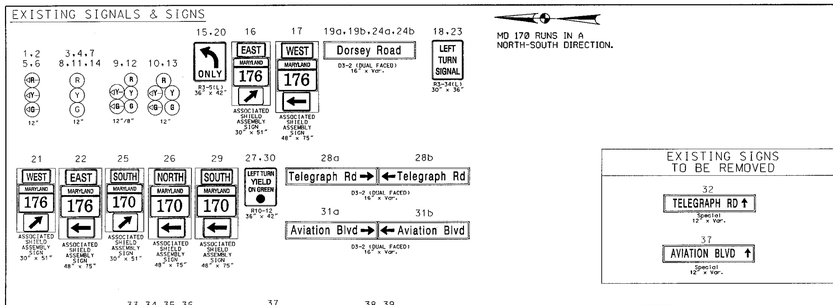
EXISTING SIGNALS & SIGNS



MD 170 RUNS IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS TO BE REMOVED

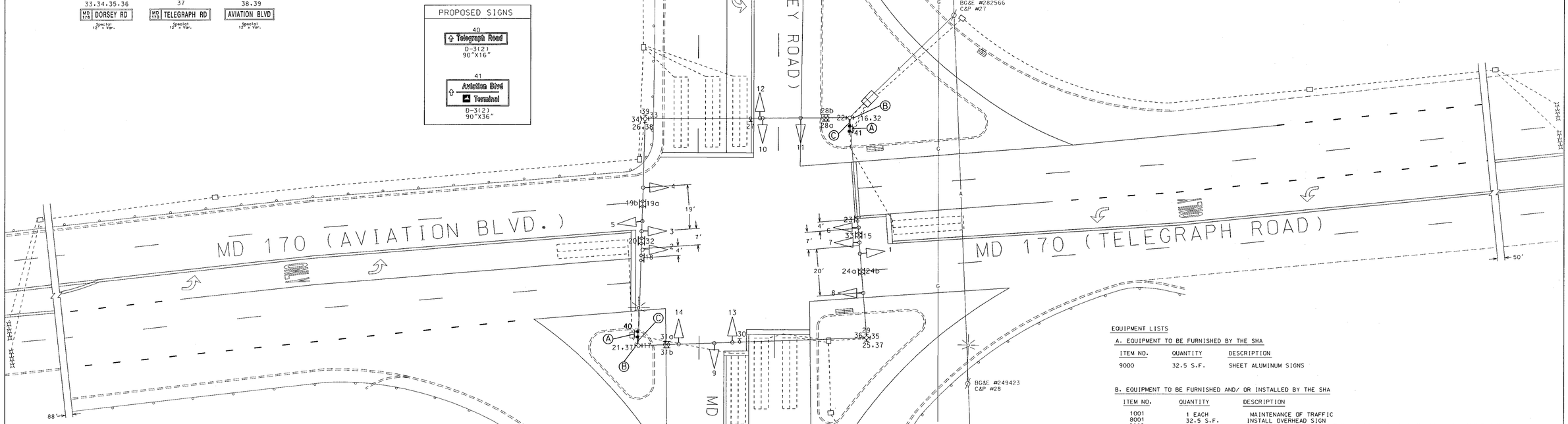
32 — TELEGRAPH RD ↑ (Special 12" x Var.)

37 — AVIATION BLVD ↑ (Special 12" x Var.)

PROPOSED SIGNS

40 — ⇧ Telegraph Road — D-3(2) 90"X16"

41 — Aviation Blvd / Terminal — D-3(2) 90"X36"



CONSTRUCTION DETAILS

A. INSTALL THE PROPOSED SIGN ON MINI-MAST ARM.
B. REMOVE THE EXISTING SIGN.
C. FURNISH AND INSTALL MINI-MAST ARM AT APPROX. 20' HEIGHT

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MS. KIMBERLY TRAN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 841-1019

MR. CHUCK GEORGE
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 841-1013

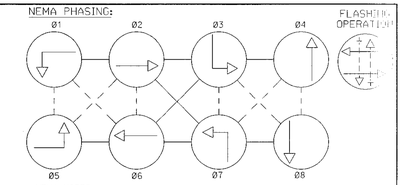
MR. JOHNN MAYS
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (410) 841-1039

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

NEMA PHASING:



NEMA NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9000	32.5 S.F.	SHEET ALUMINUM SIGNS

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	32.5 S.F.	INSTALL OVERHEAD SIGN
8002	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8003	2 EACH	10' MINI-MAST ARM

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PHASE 1 & 5	◄G-	◄G-	R	R	◄G-	◄G-	R	R	R	R	R	R	R	R
1 & 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 & 6, OR 2 & 5, OR 2 & 6													
PHASE 1 & 6	◄G-	◄G-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R
1 CHANGE	◄Y-	◄Y-	G	G	◄R-	◄R-	R	R	R	R	R	R	R	R
PHASE 2 & 5	◄R-	◄R-	R	R	◄G-	◄G-	G	G	R	R	R	R	R	R
5 CHANGE	◄R-	◄R-	R	R	◄Y-	◄Y-	G	G	R	R	R	R	R	R
PHASE 2 & 6	◄R-	◄R-	G	G	◄R-	◄R-	G	G	R	R	R	R	R	R
2 & 6 CHANGE	◄R-	◄R-	Y	Y	◄R-	◄R-	Y	Y	R	R	R	R	R	R
PHASE 3 & 7	◄R-	◄R-	R	R	◄R-	◄R-	R	R	◄G-R	◄G-R	R	◄G-R	◄G-R	R
3 & 7 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 3 & 8, OR 4 & 7, OR 4 & 8													
PHASE 3 & 8	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	◄G-G	◄G-G	G
3 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	R	R	R	◄Y-G	◄Y-G	G
PHASE 4 & 7	◄R-	◄R-	R	R	◄R-	◄R-	R	R	◄G-G	◄G-G	G	R	R	R
7 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	◄Y-G	◄Y-G	G	R	R	R
PHASE 4 & 8	◄R-	◄R-	R	R	◄R-	◄R-	R	R	G	G	G	G	G	R
4 & 8 CHANGE	◄R-	◄R-	R	R	◄R-	◄R-	R	R	Y	Y	Y	Y	Y	R
FLASHING OPERATION	FL/RA	FL/RA	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

UTILITY LEGEND

—— G —— G ——	GAS MAIN
—— W —— W ——	WATER MAIN
—— S —— S ——	SEWER MAIN
—— E —— E ——	ELECTRIC CABLES
—— A —— A ——	AERIAL CABLES
—— T —— T ——	TELEPHONE CABLES
—— D —— D ——	STORM DRAIN

REVISIONS

(E). 11/1992 - INSTALL NEAR SIDE E/P L.T. SIGNALS
SHA NO.
M.A.R. | E.M.H. | E.S.P. | J.H.

(G). REPLACED FAILED LOOP DETECTORS
SHA NO. AW 903A52
J.P. | J.B. | R.D.

(H). 07/2003 - REVISED N/B & S/B MD 170 L.T. FROM EXCLUSIVE/ PERMISSIVE TO AN EXCLUSIVE L.T.
SHA NO. SF-SIGNAL
W.M. | M.A.R. | D.A.J. | B.R.K. | J.H.

(I). 11/2003 - REVISE EXISTING SIGNING
SHA NO. SF-SIGNAL
DAE | | | | BJK

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASSIST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

THIS IS A REVISION TO W-343-452-085 DATED 11-27-1972 ORIGINAL PLAN ON FILE

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

MD 170 (Aviation Boulevard/Telegraph Road) and MD 176 (Dorsey Road)
HANOVER, MARYLAND

DRAWN BY: J. Gordon	F.A.P. NO.	T.S. NO.	SHEET NO.
CHECKED BY: Alfred Babinchak	S.H.A. NO. AW-343-452-085	TS-800 (H)	
SCALE: 1" = 20'	COUNTY ANNE ARUNDEL	T.I.M.S. NO.	
DATE: 11-27-1972	LOG MILE 02017005.43	E997	1 OF 1