MD 124 RUNS IN A
EAST-WEST DIRECTION.

EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
	340 S.F.	1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, MARYLAND 124, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
		1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH, MARYLAND 124, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
		1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH, MARYLAND 124, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
		1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, MARYLAND 124, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
		1 EACH R10-12 SIGN, 36" x 42", SPAN MOUNTED HARDWARE
		2 EACH D3-2 DUAL FACED SIGN, "Wildcounty Hwy", 16" x Var., SPAN MOUNTED HARDWARE

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

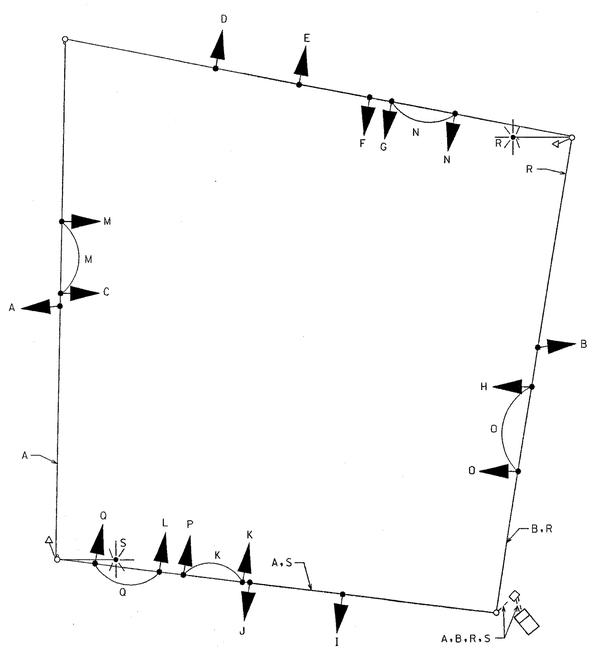
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	CLASS 2 EXCAVATION
2002	1 C.Y.	TEST PIT EXCAVATION
5004	435 L.F.	F & I 12' WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
6001	90 L.F.	F & I DEPRESSED CURB & GUTTER
6002	90 L.F.	F & I STANDARD TYPE A COMBINATION CURB AND GUTTER
6004	260 S.F.	F & I 4" CONCRETE SIDEWALK
8011	53 EACH	F & I 12" BLACK FACED VECHICULAR SIGNAL HEAD SECTION
8013	2 EACH	F & I 15' BRACKET ARM FOR SIGNAL STRUCTURE
8014	2 EACH	F & I 250 WATT HPS LUMINAIRE W/ PHOTOCELL
8019	6 EACH	F & I 8" BLACK FACED VECHICULAR SIGNAL HEAD SECTION
8048	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL PER ASSIGNMENT
8076	71.3 S.F.	INSTALL GROUND MOUNTED SIGN
8077	53.1 S.F.	INSTALL OVERHEAD SIGN
8087	410 L.F.	F & I ELECTRICAL CABLE - 7-CONDUCTOR CABLE (NO. 14 AWG)
8088	440 L.F.	F & I ELECTRICAL CABLE - 2-CONDUCTOR (NO. 12 AWG) - T/C

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR		

WIRING DIAGRAM

A-B = 7-CONDUCTOR CABLE
C-L = USE THE EXISTING 7-CONDUCTOR CABLE (NO. 14 AWG)
M-Q = USE THE EXISTING 5-CONDUCTOR CABLE (NO. 14 AWG)
R-S = 2-CONDUCTOR CABLE (NO. 12 AWG) - T/C



PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MR. WAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. RALEIGH MEDLEY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304

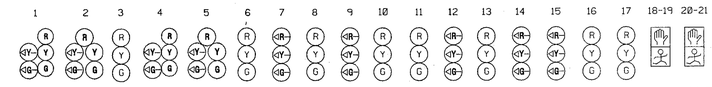
MR. AUGIE REBISH
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (301) 513-7350

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

PHASE CHART



PHASE 1 & 5	◀G-R	◀G-R	R	◀G-R	◀G-R	R	◀R-	R	◀R-	R	R	◀R-	R	◀R-	◀R-	R	R	DW	DW	
1 & 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 & 6, OR 2 & 5, OR 2 & 6.																			
PHASE 1 & 6	◀G-G	◀G-G	G	R	R	R	◀R-	R	◀R-	R	R	◀R-	R	◀R-	◀R-	R	R	DW	DW	
1 CHANGE	◀Y-G	◀Y-G	G	R	R	R	◀R-	R	◀R-	R	R	◀R-	R	◀R-	◀R-	R	R	DW	DW	
PHASE 2 & 5	R	R	R	◀G-G	◀G-G	G	◀R-	R	◀R-	R	R	◀R-	R	◀R-	◀R-	R	R	WK	DW	
5 CHANGE	R	R	R	◀Y-G	◀Y-G	G	◀R-	R	◀R-	R	R	◀R-	R	◀R-	◀R-	R	R	WK	DW	
PHASE 2 & 6	G	G	G	G	G	G	◀R-	R	◀R-	R	R	◀R-	R	◀R-	◀R-	R	R	WK	DW	
PED. CLEAR	G	G	G	G	G	G	◀R-	R	◀R-	R	R	◀R-	R	◀R-	◀R-	R	R	FL/DW	DW	
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	◀R-	R	◀R-	R	R	◀R-	R	◀R-	◀R-	R	R	DW	DW	
PHASE 3 & 7	R	R	R	R	R	R	◀R-	R	◀G-	R	R	◀G-	R	◀G-	◀G-	R	R	DW	DW	
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	◀G-	G	◀G-	G	G	◀R-	R	◀R-	◀R-	R	R	DW	DW	
3 CHANGE	R	R	R	R	R	R	◀Y-	G	◀Y-	G	G	◀R-	R	◀R-	◀R-	R	R	DW	DW	
PHASE 4 & 7	R	R	R	R	R	R	◀R-	R	◀R-	R	R	◀G-	G	◀G-	◀G-	G	G	DW	DW	
7 CHANGE	R	R	R	R	R	R	◀R-	R	◀R-	R	R	◀Y-	G	◀Y-	◀Y-	G	G	DW	DW	
PHASE 4 & 8	R	R	R	R	R	R	◀R-	G	◀R-	G	G	◀R-	G	◀R-	◀R-	G	G	DW	DW	
4 & 8 CHANGE	R	R	R	R	R	R	◀R-	Y	◀R-	Y	Y	◀R-	Y	◀R-	◀R-	Y	Y	DW	DW	
4 ALT.	R	R	R	R	R	R	◀R-	G	◀R-	G	G	◀R-	G	◀R-	◀R-	G	G	DW	WK	
PED. CLEAR	R	R	R	R	R	R	◀R-	G	◀R-	G	G	◀R-	G	◀R-	◀R-	G	G	DW	FL/DW	
4 ALT. CHANGE	R	R	R	R	R	R	◀R-	Y	◀R-	Y	Y	◀R-	Y	◀R-	◀R-	Y	Y	DW	DW	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/RA	FL/R	FL/RA	FL/R	FL/R	FL/RA	FL/R	FL/RA	FL/RA	FL/R	FL/R	DARK	DARK	

REVISIONS	APPROVALS
A. 10/2001 - AS BUILT: REPLACED ALL SIGNAL HEADS W/ BLACK FACED; ADD NEAR SIDE SIGNALS ON MAIN LINE; ADD LUM. TO N/W & S/E CORNER; SHA NO. XX1065285	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION; ASSIST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION; CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION; DIRECTOR, OFFICE OF TRAFFIC & SAFETY

NOT A REVISION
MTSB 10-01-1
DATED 01-19-1988
ORIGINAL PLAN
ON FILE

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

MD 124 (MIDCOUNTY HIGHWAY)/ MIDCOUNTY HIGHWAY and MD 124 (WOODFIELD ROAD)/ SAYBROOKE OAKS BOULVARD
WASHINGTON GROVE, MARYLAND

DRAWN BY: W. Malecka	F.A.P. NO.	T.S. NO. TS-2414 A	SHEET NO.
CHECKED BY:	S.H.A. NO. XX1065285	T.I.M.S. NO. E841	2 OF 2
SCALE: NO SCALE	COUNTY MONTGOMERY		
DATE: 10/2001	LOG MILE 15012425.90		