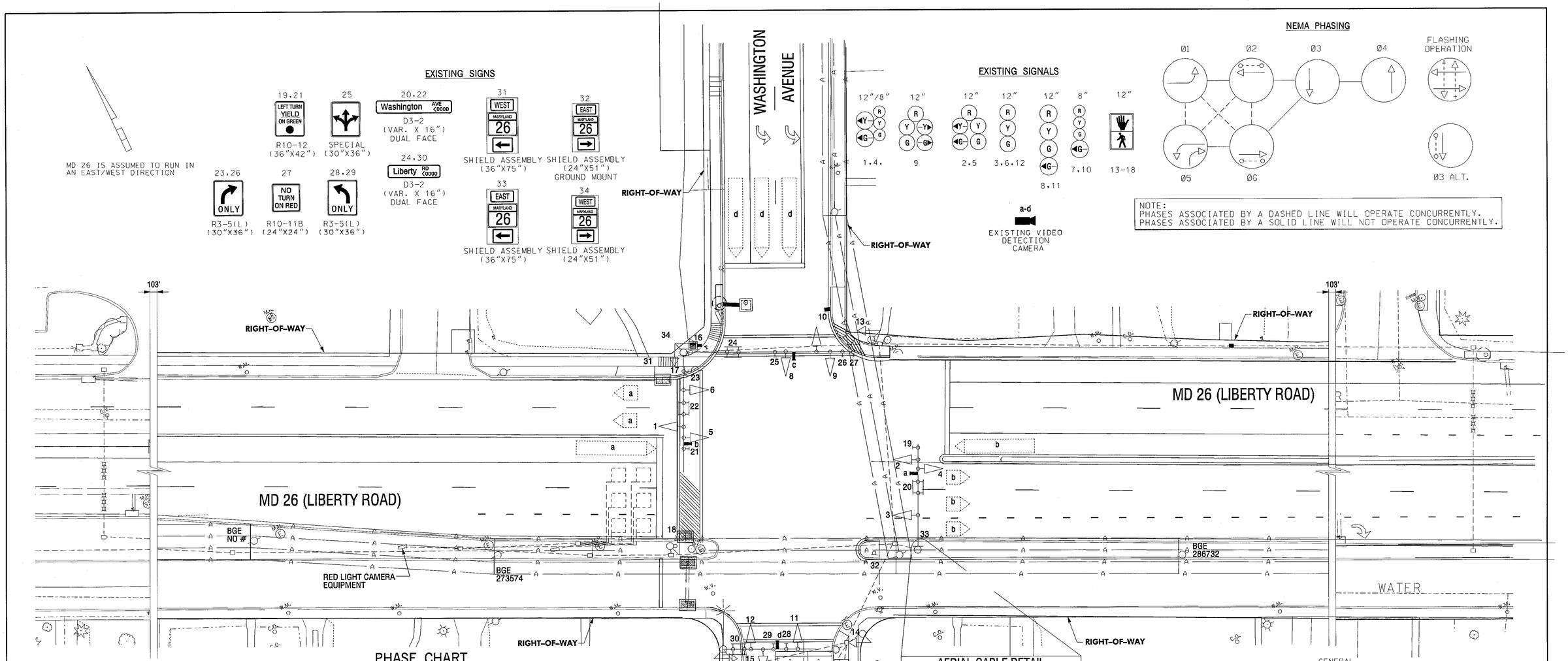

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 AND 5	G/R	G/R	R	G/R	G/R	R	R	R	R/G	R	R	R	DW	DW	DW	DW	DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																		
PHASE 1 AND 6	G/G	G/G	G	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW
PED CLEARANCE	G/G	G/G	G	R	R	R	R	R	R	R	R	R	DW	FL/DW	FL/DW	DW	DW	DW
1 AND 6 CHANGE	Y/G	Y/G	G	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 AND 5	R	R	R	G/G	G/G	G	R	R	R/G	R	R	R	WK	DW	DW	WK	DW	DW
PED CLEARANCE	R	R	R	G/G	G/G	G	R	R	R/G	R	R	R	FL/DW	DW	DW	FL/DW	DW	DW
2 AND 5 CHANGE	R	R	R	Y/G	Y/G	G	R	R	R/Y	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW
PED CLEARANCE	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 3	R	R	R	R	R	R	R	R	R	G/G	G/G	G	DW	DW	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW
ADVANCE PEDESTRIAN PHASE 3 ALT	R	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	WK	WK
PHASE 3 ALT	R	R	R	R	R	R	R	R	R	G/G	G/G	G	DW	DW	DW	DW	WK	WK
PED CLEARANCE	R	R	R	R	R	R	R	R	R	G/G	G/G	G	DW	DW	DW	DW	FL/DW	FL/DW
3 ALT CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	G/G	G/G	G/G	R	R	R	DW	DW	DW	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	Y	Y	Y/Y	R	R	R	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

AERIAL CABLE DETAIL

PRIMARY	35' +
CABLE TV	27'
TELEPHONE	25' 8"
INTERCONECT CABLE	22' 8"
GRADE	

CONSTRUCTION DETAILS

A. INSTALL ADVANCE PEDESTRIAN PHASE FOR PHASE 03 ALT.

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF AN ADVANCE PEDESTRIAN PHASE ACROSS MD 26.

MD 26 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA EIGHT-PHASE. FULL-TRAFFIC-ACTUATED MODE.

THERE WILL BE AN ADVANCE PEDESTRIAN PHASE ADDED TO PHASE 03 ALT.

THERE WILL BE NO CHANGE TO THE EXISTING OPERATION.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER SHALL BE USED.

GEOMETRIC LEGEND

PROPOSED

EXISTING

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
C-T	CABLE TV

REVISIONS	APPROVALS
N 05/02 EXISTING SIGNAL RECONSTRUCTED DUE TO GEOMETRIC PROJECT SHA CONTRACT NO. BA3795172	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
S.W.A.	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
1 07/03 INSTALL ADVANCE PEDESTRIAN PHASE	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

MD 26 (LIBERTY ROAD) AT WASHINGTON AVENUE

DRAWN BY:	D.R. CARR	F.A.P. NO.		TS NO. 1911 1	SHEET NO.
CHECKED BY:	JRM	S.H.A. NO.			
SCALE:	1"=20'	COUNTY:	BALTIMORE	T.I.M.S. NO. F-623	OF
DATE:	6-17-77	LOG MILE:	03002607.97		

FILE: r:\00-47\task19\dwg\signals\ed41gp01.dgn