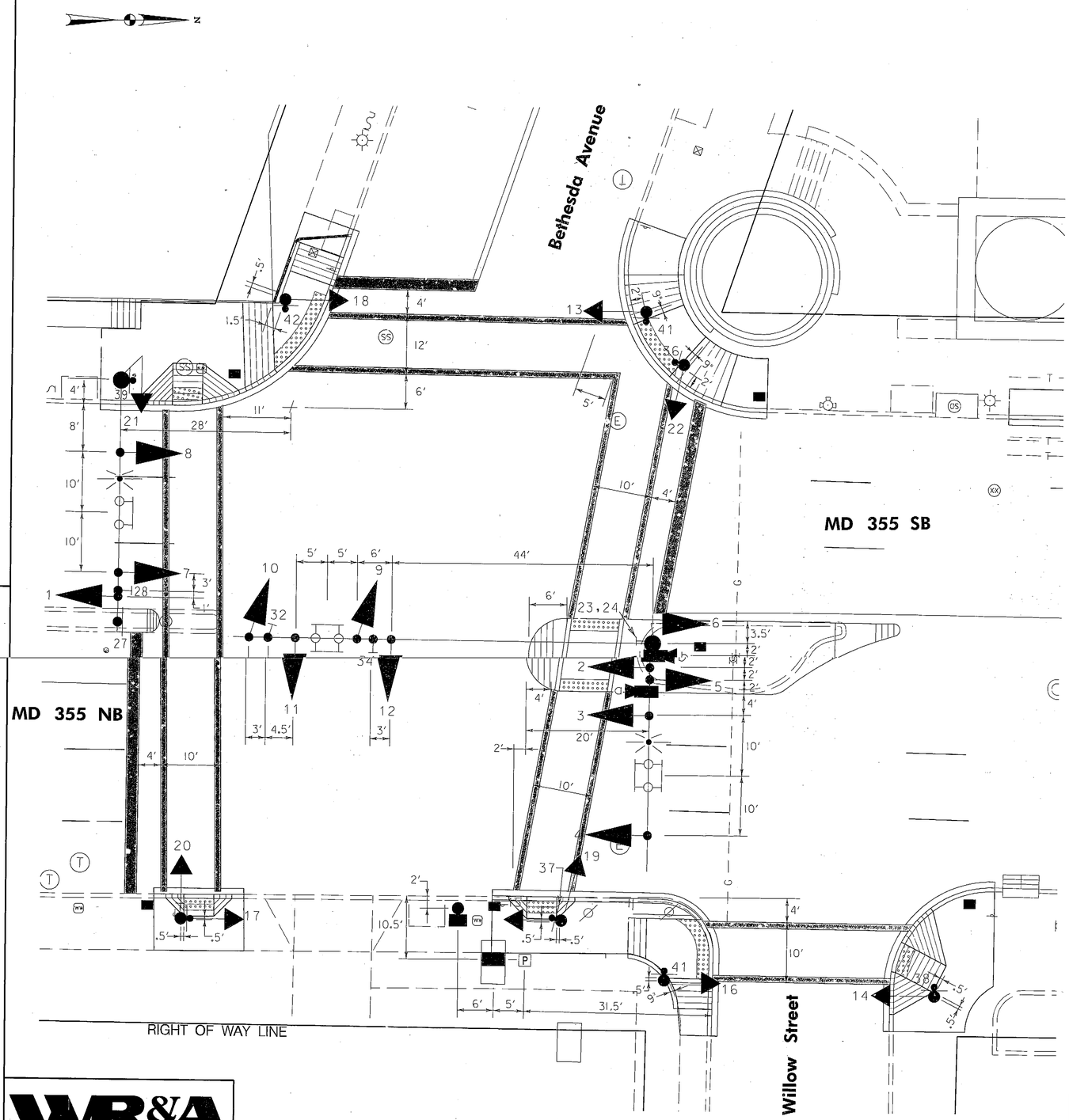
DIMENSION DIAGRAM

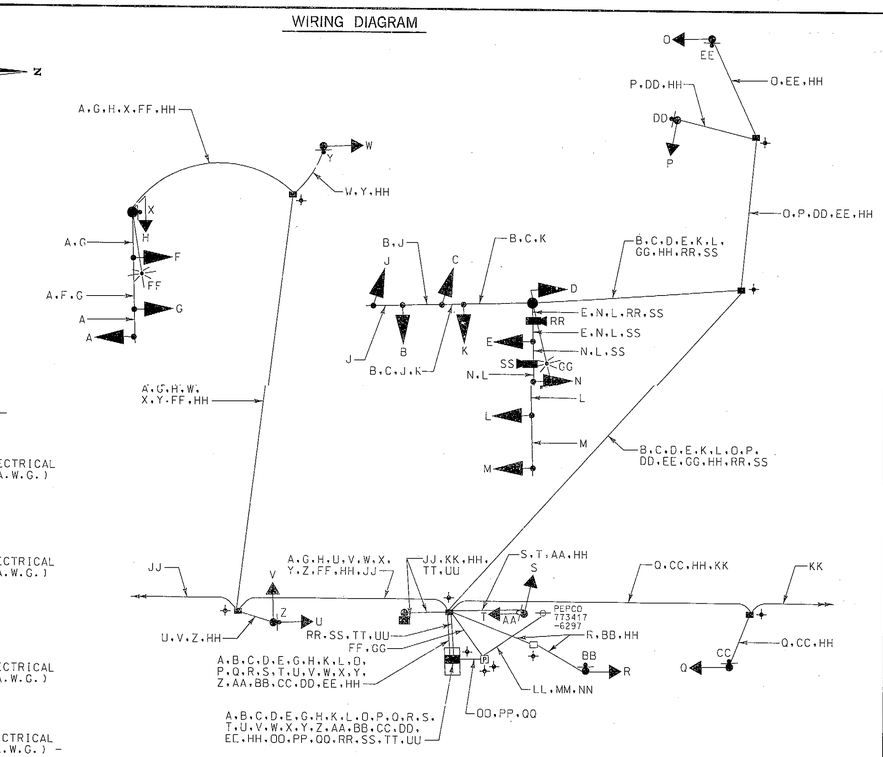


PHASE CHART

THE EXISTING INTERSECTION PHASING WILL REMAIN THE SAME.

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

WIRING DIAGRAM



WIRING KEY

- A B C D E L G — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- F H J K M N O P Q R S T U V W — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- X Y Z AA BB CC DD EE — 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- FF GG — 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) - TRAY CABLE
- HH — STRANDED CARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- JJ KK TT UU — PROPOSED 12-PAIR COMMUNICATION CABLE (JELLY-FILLED)
- LL MM NN — 1 - CONDUCTOR ELECTRICAL CABLE NO. 2 AWG THHN/THWN - LEAVE 30 FT. OF EACH CABLE COILED AT BASE OF POLE
- OO PP QQ — 1 - CONDUCTOR ELECTRICAL CABLE NO. 8 AWG THHN/THWN
- RR SS — VIDEO CAMERA DETECTION LEAD-IN CABLE
- PE - PROPOSED UNDERGROUND ELECTRICAL SERVICE
- ⏚ - 3/4 IN. X 10 FT. GROUND ROD

WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: sbloss

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

MD 355 (Wisconsin Street) and Bethesda Avenue/Willow Lane
Bethesda, Maryland

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 10' ADVERTISED DATE 3/05/2013 CONTRACT NO. MO1175177

DESIGNED BY B. Donoway
DRAWN BY B. Donoway
CHECKED BY N. Leary
F.A.P. NO. SEE TITLE SHEET
COUNTY Montgomery
LOGMILE 15035501.43
TIMS NO. 1488
TOD NO.

TS NO. 4228 C | DRAWING TSP-5 OF 20 | SHEET NO. # OF ###

PLOTTED: March 11, 2013
FILE: N:\31669-235\CADD\psG-P005_md355.dgn