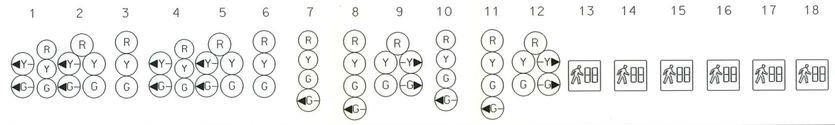
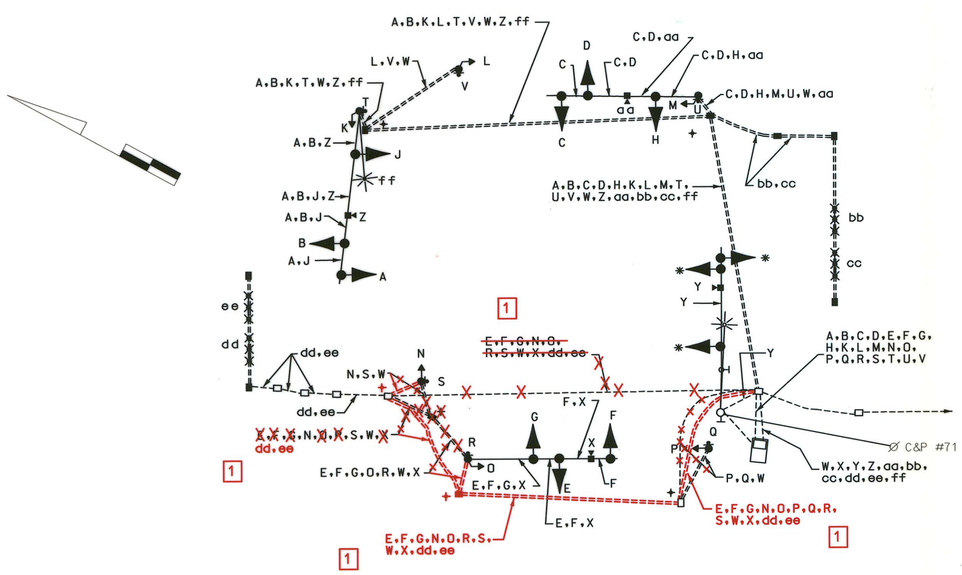
PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 & 5	◄G–/R	◄G–/R	R	◄G–/R	◄G–/R	R	R	R	R/–G►	R	R	R/–G►	DW	DW	DW	DW	DW	DW
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6																		
PHASE 1 & 6	◄G–/G	◄G–/G	G	R	R	R	R	R	R/–G►	R	R	R	DW	WK	WK	DW	DW	DW
1 & 6 CHANGE	◄Y–/G	◄Y–/G	G	R	R	R	R	R	R/–Y►	R	R	R	DW	WK	WK	DW	DW	DW
PHASE 2 & 5	R	R	R	◄G–/G	◄G–/G	G	R	R	R	R	R	R/–G►	WK	DW	DW	WK	DW	DW
2 & 5 CHANGE	R	R	R	◄Y–/G	◄Y–/G	G	R	R	R	R	R	R/–Y►	WK	DW	DW	WK	DW	DW
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW
PED CLEAR / COUNTDOWN	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
2 & 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	G ◄G–	G ◄G–	G	R	R	R	DW	DW	DW	DW	DW	DW
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	R	G ◄G–	G ◄G–	G	DW	DW	DW	DW	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 3 ALT	R	R	R	R	R	R	R	R	R	G ◄G–	G ◄G–	G	DW	DW	DW	DW	WK	WK
PED CLEAR / COUNTDOWN	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
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

WIRING DIAGRAM



WIRING KEY

- B C D E F G } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- H K L M N O } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- P Q R S T U V } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
- W - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- X Y Z aa } CONTROL CABLE (CAMERA TO CONTROLLER) UP TO 500'
- bb cc dd ee } MICROLOOP LEAD-IN CABLE (1000')
- ff - 2-CONDUCTOR TRAY CABLE (NO. 12 A.W.G)
- EL - EXISTING MICROLOOP
- * - USE EXISTING CABLE
- ES - EXISTING OVERHEAD SERVICE TO BE MAINTAINED BY ALLEGHENY POWER
- + - GROUND ROD

1 Redline Revision
Dated October 17, 2013

SHA MDOT - SHA O.O.T.S.
S.H.A. Approval 10-18-13 Date
T.S. # 4055B T.I.M.S. # 1580

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 355 AND LOWE'S LANE / CARMAX DRIVEWAY

FREDERICK, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE DATE 2/16/12 CONTRACT NO. BW996M82

DESIGNED BY RRZ COUNTY FREDERICK
DRAWN BY R.C. LOGMILE 10035508.91
CHECKED BY TIMS NO. 1580
F.A.P. NO. N/A TOD NO.

TS NO. 4055 B | DRAWING NO. 4 OF 6 | SHEET NO. OF

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

6053GI.DGN

PLOTTED: $DATETIME$
FILE: $FILE$

BORDER REV DATE: June 1, 2004

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