

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF 7TH STREET AND THE US 15 NORTHBOUND OFF-RAMP/PARK EXIT IN FREDERICK COUNTY, MARYLAND. 7TH STREET IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA FIVE-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH THE 7TH STREET APPROACHES OPERATING CONCURRENTLY AND THE US 15 NORTHBOUND OFF RAMP/PARK EXIT APPROACHES OPERATING IN A SPLIT PHASE MODE.

AN EXCLUSIVE/PERMISSIVE HAS BEEN ADDED TO THE EASTBOUND APPROACH OF 7TH STREET.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9089	10.5 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF : - 1 EACH R10-12 SIGN (36 IN. X 42 IN.) SQUARE MAST MOUNT

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8085	300 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
8075	10.5 S.F.	INSTALL OVERHEAD SIGN
8048	1 EA	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8011	7 EA	FURNISH AND INSTALL 12 IN. VEHICULAR SIGNAL HEAD SECTION(BLACK)
8019	3 EACH	FURNISH AND INSTALL 8 IN. VEHICULAR SIGNAL HEAD SECTION(BLACK)

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE RETURNED TO SHA

NONE

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.00 - 104.00-30	STANDARD NO. MD-104.32-01 (INTERSECTION FLAGGING OPERATION)
STANDARD NO. MD-104.31-01 (FLAGGING OPERATION)	
STANDARD NO. MD-104.33-01 (SHOULDER WORK)	
STANDARD NO. MD-104.35 (LANE SHIFT)	

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

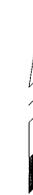
MR. ROBERT FISHER
DISTRICT ENGINEER
PHONE: (301) 624-8140

MR. JOHN CONCANNON
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 624-8141

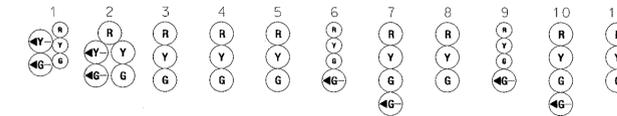
MR. LEON KERNS
ACTING ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 624-8140

MR. JOHN WRIGHT
ACTING DISTRICT UTILITIES ENGINEER
PHONE: (310) 729-8436

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

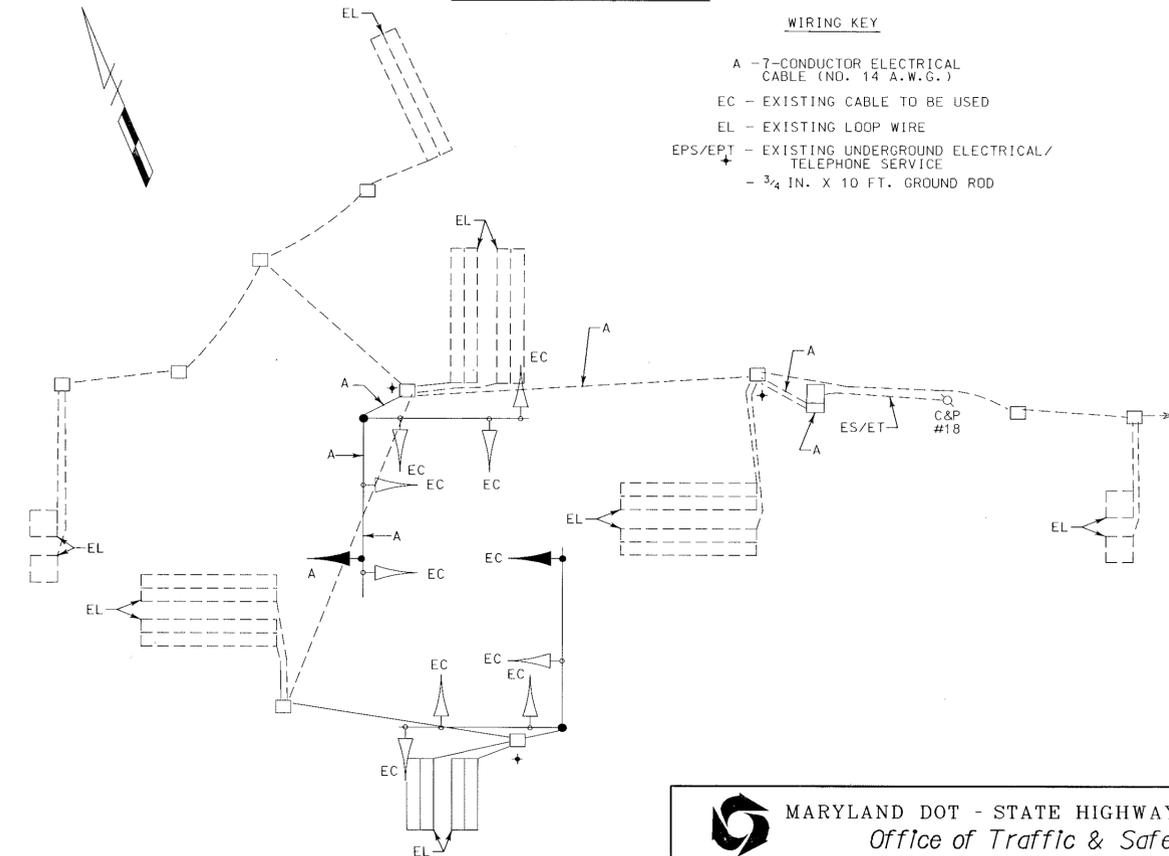


PHASE CHART



PHASE 1 + 6	G	G	G	R	R	R	R	R	R	R	R	
1 CHANGE	G	G	G	R	R	R	R	R	R	R	R	
PHASE 2 + 6	G	G	G	G	G	R	R	R	R	R	R	
2 + 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R	R	
PHASE 3	R	R	R	R	R	G	G	G	R	R	R	
3 CHANGE	R	R	R	R	R	Y	Y	Y	R	R	R	
PHASE 4	R	R	R	R	R	R	R	R	G	G	G	
4 CHANGE	R	R	R	R	R	R	R	R	R	R	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	

WIRING DIAGRAM



SG-2

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
7TH STREET AND US 15 NORTHBOUND
OFF RAMP/PARK EXIT

DRAWN BY: S.BLOSS	F.A.P. NO. _____	TS NO. _____	SHEET NO. _____
CHECKED BY: N.LEARY	S.H.A. NO. <u>23957 4509 301</u>	TS-3991A	
SCALE: NONE	COUNTY: FREDERICK	T.J.M.S. NO. _____	
DATE: _____	LOG MILE: _____	E906	2 OF 2