PROJECT DESCRIPTION

I GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM TRAFFIC CONTROL AT INTERSECTION MD 150 AT OLD EASTERN AVENUE/SEAMASTER ROAD. MD 150 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE, FULLY ACTUATED MODE. WITH THE MD 150 APPROACHES OPERATING CONCURRENTLY. AN EXCLUSIVE LEFT-TURN PHASE IS PROVIDED FOR THE EASTBOUND AND WESTBOUND APPROACHES OF MD 150. OLD EASTERN AVENUE AND SEAMASTER ROAD OPERATE CONCURRENTLY. PEDESTRIAN SIGNALS AND PUSH BUTTONS ARE PRESENT ON MD 150 EAST OF THE INERSECTION AND IN THE MEDIAN. OPTICOM PRE-EMPTION WILL BE PROVIDED FOR THE WESTBOUND APPROACH OF MD 150.

PROJECT CONTACTS

MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
410-321-2781

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
410-321-2761

MRS. SUENETTE POPE
ASSISTANT DISTRICT ENGINEER - UTILITY
410-321-2841

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
410-787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF - TRAFFIC OPERATIONS DIVISION
410-787-7631

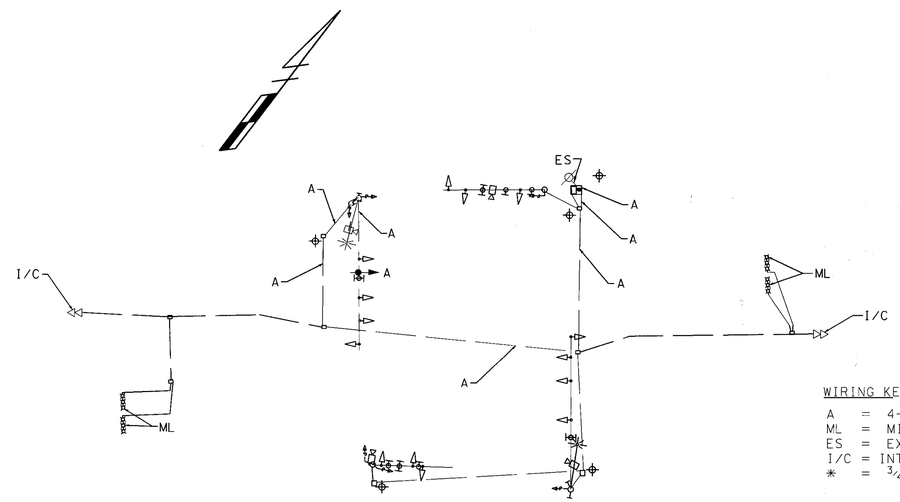
MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
410-787-7652

THE POWER COMPANY REPRESENTATIVE IS:

BALTIMORE GAS AND ELECTRIC (BGE)
SUE GEISLER
410-859-9334

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PHASE 1 & 5	◄G–	◄G–	R	R	◄G–	◄G–	R	R	R	R	R/G ►	R	R	R	DW	DW	DW	DW	DW	DW
1 & 5 CHANGE				TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6																
PHASE 1 & 6	◄G–	◄G–	G	G	◄R–	◄R–	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 CHANGE	◄Y–	◄Y–	G	G	◄R–	◄R–	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 & 5	◄R–	◄R–	R	R	◄G–	◄G–	G	G	R	R	R/G ►	R	R	R	DW	DW	DW	DW	DW	DW
2 CHANGE	◄R–	◄R–	R	R	◄Y–	◄Y–	G	G	R	R	R/Y ►	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	◄R–	◄R–	G	G	◄R –	◄R –	G	G	R	R	R	R	R	R	W	W	W	W	DW	DW
PED CLEAR	◄R–	◄R–	G	G	◄R –	◄R –	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
2 & 6 CHANGE	◄R–	◄R–	Y	Y	◄R –	◄R –	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 4 & 8	◄R–	◄R–	R	R	◄R–	◄R–	R	R	G	G	G	G	G	G	DW	DW	DW	DW	DW	DW
4 & 8 CHANGE	◄R–	◄R–	R	R	◄R –	◄R–	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
ALT 4 & 8	◄R–	◄R–	R	R	◄R–	◄R–	R	R	G	G	G	G	G	G	DW	DW	DW	DW	W	W
PED CLEAR	◄R–	◄R–	R	R	◄R–	◄R–	R	R	G	G	G	G	G	G	DW	DW	DW	DW	FL/DW	FL/DW
ALT 4 CHANGE	◄R–	◄R–	R	R	◄R–	◄R–	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
FIRE HOUSE	◄R–	◄R–	R	R	◄G–	◄G–	G	G	R	R	R/G ►	R	R	R	DW	DW	DW	DW	DW	DW
PRE-EMPTION	◄R–	◄R–	R	R	◄Y–	◄Y–	Y	Y	R	R	R/Y ►	R	R	R	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	FL / R	FL / R	DARK	DARK	DARK	DARK	DARK	DARK



WIRING KEY

A = 4-CONDUCTOR OPTICOM DETECTOR CABLE
ML = MICOR LOOP PROBE SET
ES = EXISTING SERVICE
I/C = INTERCONNECT CABLE
* = 3/4 IN. X 10 FT. GROUND ROD

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION

ITEM NO.	CAT. CODE NO.	QUANTITY	DESCRIPTION

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

ITEM NO.	CAT. CODE NO.	QUANTITY	DESCRIPTION
1001	100000	1 EA	MAINTENANCE OF TRAFFIC
8016	800000	1 EA	FURNISH AND INSTALL DISCRIMINATOR MODULE-4 CHANNEL
8018	800000	1 EA	FURNISH AND INSTALL 3M OPTICOM #721 DETECTOR EYE
8056	800000	305 LF	FURNISH AND INSTALL 4-CONDUCTOR OPTICOM DETECTOR CABLE

C. MATERIAL TO BE REMOVED AND RETURNED TO THE STATE HIGHWAY ADMINISTRATION
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

REVISIONS

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

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

GENERAL INFORMATION SHEET
MD 150 (EASTERN BOULEVARD) AND OLD EASTERN AVENUE/SEAMASTER ROAD
BALTIMORE, MARYLAND

DESIGNED BY: A.M.H.	F.A.P. NO.		TS NO. 4241C	SHEET NO.	
CHECKED BY: J.F.L.	S.H.A. NO.		T.I.M.S. NO. F487	6 OF 14	
SCALE: NONE	COUNTY: BALTIMORE				
DATE: 6/2003	LOG MILE: 03015005.40				

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07/14/03