PROJECT DESCRIPTION

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THIS PROJECT INVOLVES THE INSTALLATION OF VIDEO DETECTION CAMERAS AND NON-INVASIVE LOOP DETECTORS AT THE INTERSECTIONS OF MD 658 (CAMPGROUND ROAD/VOCKE ROAD) AND I-68 EB&WB OFF RAMPS/BRADDOCK ROAD FOR THE RESURFACING OF MD 658 IN LAVALE, ALLEGANY COUNTY. MD 658 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTIONS SHALL OPERATE AT ITS EXISTING NEMA THREE-PHASE FULL TRAFFIC ACTUATED MODE.

THE SIGNALS ARE INTERCONNECTED TO THE MD 658/LINDA WAY SIGNALIZED INTERSECTION TO THE SOUTH.

CONTROLLER REQUIREMENTS

INSTALL A VIDEO DETECTOR SYSTEM INTO EXISTING BASE MOUNTED CABINET.

THE PRESENCE AND SAMPLING DETECTION REGIONS SHALL BE MONITORED/ACTUATED WITH VIDEO-DETECTION CAMERAS. THE ADVANCED DETECTION REGIONS SHALL BE MONITORED/ACTUATED WITH NON-INVASIVE LOOP DETECTORS AND MICROLOOP DETECTORS

PROJECT CONTACTS

CONTACTS FOR DISTRICT 6

MR. GEORGE SMALL
ASSISTANT DISTRICT ENGINEER, TRAFFIC
301-729-8444

MR. GEORGE FRANKENBURY
ASSISTANT DISTRICT ENGINEER, MAINTENANCE
301-729-8457

MR. BOB ROWAN
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CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
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MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
CHIEF, SIGNAL OPERATIONS
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MR. EUGENE BAILEY
CHIEF, SIGN OPERATIONS
410-787-7676

MR. MIKE STOCKER
SIGNAL SHOP WAREHOUSE
410-787-7696

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

SPECIFICATION NUMBER	QUANTITY	DESCRIPTION
900000	1 EA	VIDEO INTERFACE EQUIPMENT (1 TO 4 CAMERAS)

EQUIPMENT LIST 'B'

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

SPECIFICATION NUMBER	QUANTITY	DESCRIPTION
571200	100 LF	SAW CUTTING
585416	80 LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
802145	2 EA.	ADJUST EXISTING HANDHOLE
805150	110 LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT- SLOTTED
810550	2 EA.	MICROLOOP PROBE DETECTOR, 500 FT LEAD IN CABLE
810601	5 EA	NON-INVASIVE DETECTOR, 500 FT LEAD IN CABLE
811001	2 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
811102	1 EA	REMOVE ELECTRICAL HANDHOLE
816001	2 EA	VIDEO DETECTION CAMERA
816005	1 EA	CONTROL CABLE, 250 FT, VIDEO DETECTION CAMERA TO CONTROLLER
816010	1 EA	CONTROL CABLE, 500 FT, VIDEO DETECTION CAMERA TO CONTROLLER

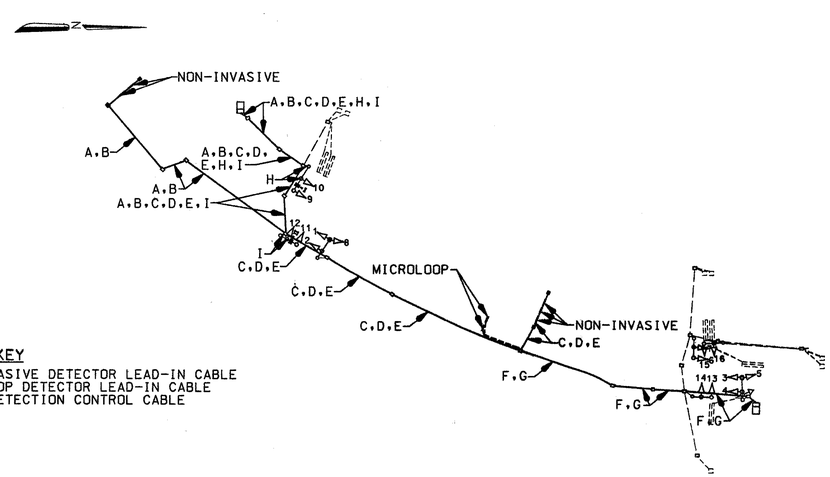
EQUIPMENT LIST 'C'

NONE

EQUIPMENT LIST 'D'

NONE

WIRING DIAGRAM



WIRING KEY

A,B,C,D,E	NON-INVASIVE DETECTOR LEAD-IN CABLE
F,G	MICROLOOP DETECTOR LEAD-IN CABLE
H,I	VIDEO DETECTION CONTROL CABLE

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G
Phase 2 & 5	R	R	R	R	◄G-G	◄G-G	G	◄G-G	◄G-G	G	R	R	R	R	R	R
2 & 5 Change	R	R	R	R	◄Y-G	◄Y-G	G	◄Y-G	◄Y-G	G	R	R	R	R	R	R
Phase 2 & 6	G	G	G	G	G	G	G	G	G	G	R	R	R	R	R	R
2 & 6 Change	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
Phase 4 Phase 4 & 8	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G
4 Change 4 & 8 Change	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

MD 658 & I-68 Off Ramp

MD 658 & I-68 Off Ramp/ Braddock Road

FIREHOUSE PRE-EMPTION

Firehouse Pre-emption Phase 2 & 5	R	R	R	R	◄G-G	◄G-G	G	◄G-G	◄G-G	G	R	R	R	R	R	R
Pre-emption Clearance	R	R	R	R	◄Y-G	◄Y-G	G	◄Y-G	◄Y-G	G	R	R	R	R	R	R
Firehouse Pre-emption Phase 2 & 6	G	G	G	G	G	G	G	G	G	G	R	R	R	R	R	R

SG-08

REVISION G CONSULTANT

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

MD 658 (VOCKE ROAD) & I-68 OFF RAMPS - BRADDOCK ROAD - GENERAL INFORMATION

DRAWN BY: P. MATTHAL	F.A.P. NO.	TS NO. TS-318 G	SHEET NO.
CHECKED BY: W.J. FITCH	S.H.A. NO. A-548X-675		
SCALE: NOT TO SCALE	COUNTY: ALLEGANY	T.I.M.S. NO. G187	27 OF 37
DATE: 3-2-72	LOG MILE: 01065800.61/01065800.48		

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