PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE CONSTRUCTION OF AN ADDITIONAL LEFT TURN LANE ALONG BOTH APPROACHES OF MD 5 (BRANCH AVENUE) AT ITS INTERSECTION WITH SURRATTS ROAD IN PRINCE GEORGE'S COUNTY. THE CONSTRUCTION OF THE ADDITIONAL LEFT TURN LANES INCLUDES THE REPLACEMENT AND RELOCATION OF EXISTING SIGNAL HEADS, INSTALLATION OF ADDITITONAL SIGNAL HEADS, THE REMOVAL OF EXISTING HANDHOLES, THE INSTALLATION OF PROPOSED HANDHOLES, AND THE REMOVAL AND REPLACEMENT OF NON-INVASIVE MICROLOOP TRIPLE PROBE SETS (1,000 FEET) ALONG MD 5.

MD 5 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

THE CONSTRUCTION OF THE ADDITIONAL LEFT TURN LANES MAY INVOLVE THE RESETTING OF THE EXISTING VIDEO DETECTION CAMERAS.

II. INTERSECTION OPERATION

THERE ARE NO CHANGES IN THE INTERSECTION OPERATION OF THE ABOVE REFERENCED INTERSECTION.

PROJECT CONTACTS

CONTACT PERSONS FOR DISTRICT 3 ARE AS FOLLOWS

MR. CHARLIE K. WATKINS
DISTRICT ENGINEER
301-513-7311

MR. LEE STARKLOFF
ASSISTANT DISTRICT ENGINEER - TRAFFIC
301-513-7318

MR. AUGUSTINE REBISH
ASSISTANT DISTRICT ENGINEER - UTILITIES
301-513-7304

MR. WAYNE MOWDY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
301-513-7350

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

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

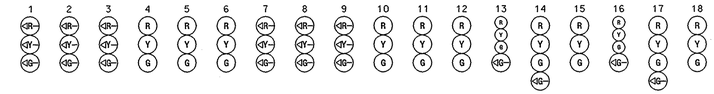
MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7676

MS. DARLENE EIDE
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
410-787-7668

PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 & 5	◄G-	◄G-	◄G-	R	R	R	◄G-	◄G-	◄G-	R	R	R	R	R	R	R	R	R
1 & 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6																	
PHASE 1 & 6	◄G-	◄G-	◄G-	G	G	G	◄R-	◄R-	◄R-	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	◄Y-	◄Y-	◄Y-	G	G	G	◄R-	◄R-	◄R-	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	◄R-	◄R-	◄R-	R	R	R	◄G-	◄G-	◄G-	G	G	G	R	R	R	R	R	R
2 & 5 CHANGE	◄R-	◄R-	◄R-	R	R	R	◄Y-	◄Y-	◄Y-	G	G	G	R	R	R	R	R	R
PHASE 2 & 6	◄R-	◄R-	◄R-	G	G	G	◄R-	◄R-	◄R-	G	G	G	R	R	R	R	R	R
2 & 6 CHANGE	◄R-	◄R-	◄R-	Y	Y	Y	◄R-	◄R-	◄R-	Y	Y	Y	R	R	R	R	R	R
PHASE 3	◄R-	◄R-	◄R-	R	R	R	◄R-	◄R-	◄R-	R	R	R	◄G-G	◄G-G	G	R	R	R
3 CHANGE	◄R-	◄R-	◄R-	R	R	R	◄R-	◄R-	◄R-	R	R	R	Y	Y	Y	R	R	R
PHASE 4	◄R-	◄R-	◄R-	R	R	R	◄R-	◄R-	◄R-	R	R	R	R	R	R	◄G-G	◄G-G	G
4 CHANGE	◄R-	◄R-	◄R-	R	R	R	◄R-	◄R-	◄R-	R	R	R	R	R	R	Y	Y	Y
FLASHING OPERATION	FL/RA	FL/RA	FL/RA	FL/Y	FL/Y	FL/Y	FL/RA	FL/RA	FL/RA	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM

A,B,C,D,E,F,G,H,I,J,Q,R,S,T — 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

K,L,M,N,O,P — 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

U,V — USE THE EXISTING VIDEO CABLE (500' LENGTH)

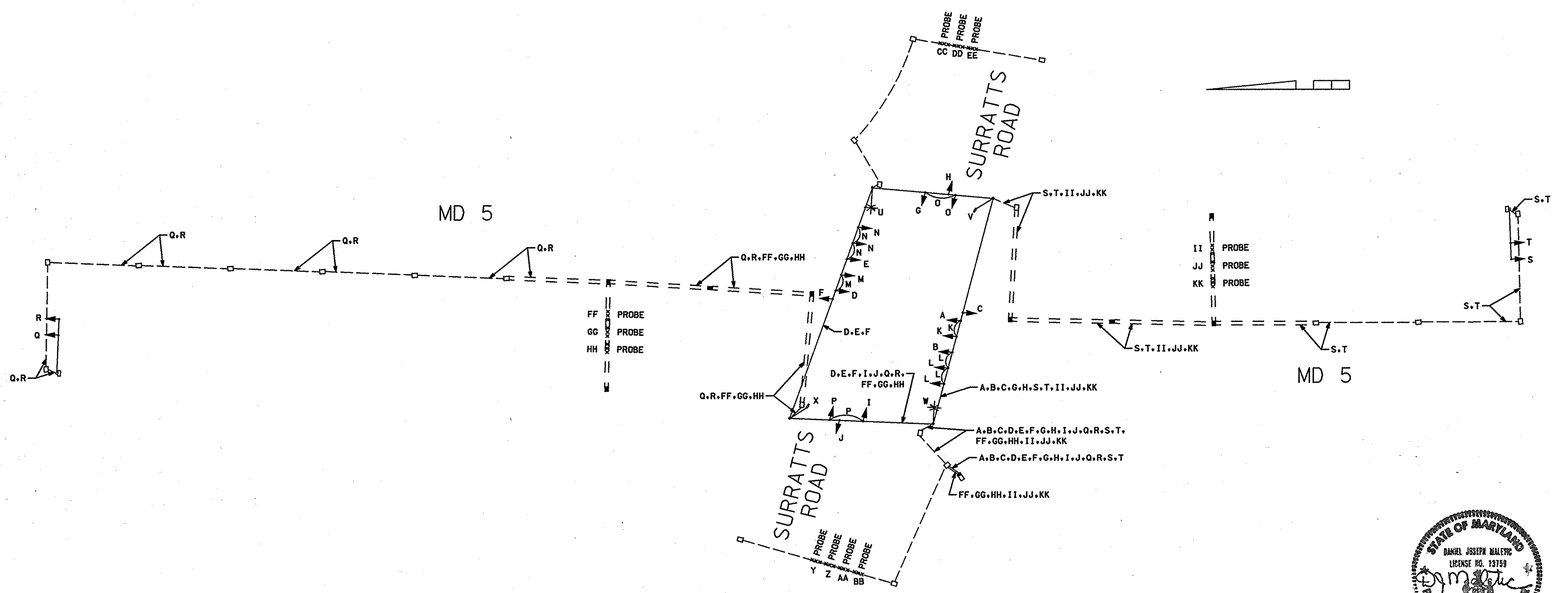
W,X — USE THE EXISTING VIDEO CABLE (250' LENGTH)

Y,Z,AA,BB — USE THE EXISTING NON-INVASIVE MICROLOOP TRIPLE PROBE SET (500 FEET)

CC,DD,EE — USE THE EXISTING NON-INVASIVE MICROLOOP TRIPLE PROBE SET (1,000 FEET)

FF,GG,HH,II,JJ,KK — NON-INVASIVE MICROLOOP TRIPLE PROBE SET (1,000 FEET)

PROBE - MICROLOOP TRIPLE PROBE SET



EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ALL EQUIPMENT SHALL BE FURNISED BY THE CONTRACTOR.

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
805115	325 L.F.	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED
805135	1200 L.F.	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
810555	2 EACH	FURNISH AND INSTALL MICROLOOP PROBE SET WITH 1,000 FOOT LEAD-IN CABLE
811001	8 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
800000	6 EACH	FURNISH AND INSTALL 8 IN. LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
860284	56 EACH	FURNISH AND INSTALL 12 IN. LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
861107	200 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)
861108	10000 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
973023	15 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF:
		- 1 EACH R3-5(L) (30 IN. x 36 IN.) - SPAN WIRE MOUNT

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR.

STATE OF MARYLAND
DANIEL JOSEPH MALETIC
LICENSE NO. 13759
REGISTERED PROFESSIONAL ENGINEER

GPI
GREENMAN-PEDERSEN, INC.
ENGINEERS, ARCHITECTS, PLANNERS, CONSTRUCTION ENGINEERS & INSPECTORS
10620 GUILFORD ROAD, SUITE 100, ANNAPOLIS, MD. 20794
WASH. (301) 470-2772 BALT. (410) 880-3055
FAX: (301) 490-2649 www.gpinet.com

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

GENERAL INFORMATION PLAN
MD5 (BRANCH AVENUE) AND SURRATTS ROAD

DRAWN BY:	MIKE & GEORGE	F.A.P. NO.		TS NO. TS-1216 H	SHEET NO.
CHECKED BY:		S.H.A. NO.	BW996M82		
SCALE:	Not to Scale	COUNTY:	PRINCE GEORGES	T.I.M.S. NO. H164	02 OF 02
DATE:	09/2005	LOG MILE:	16000506.57		