PROJECT DESCRIPTION
GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 202 AND LOTTSFORD ROAD IN PRINCE GEORGE'S COUNTY, MD. MD 202 (LANDOVER ROAD) IS CONSIDERED TO RUN IN NORTH/SOUTH DIRECTION.

PHASE 3 OF MOT TRAFFIC SIGNAL CONSTRUCTION INCLUDES ROADWAY CONSTRUCTION TO CONSIST OF BUILDING THE NORTHBOUND MD 202 (LANDOVER ROAD) RIGHT TURN LANE ONTO LOTTSFORD ROAD IMPROVEMENTS. CONSTRUCTION OF THE RAMPS IN THE SOUTHWEST QUADRANT AND MEDIAN ON THE WEST LEG. INSTALL PUSHBUTTON PEDESTAL POLE IN THE SOUTHWEST QUADRANT. DEACTIVATE PEDESTRIAN CROSSING FOR THE WEST LEG OF THE INTERSECTION.

INTERSECTION OPERATION

THE EXISTING NEMA 6 CONTROLLER/CABINET SHALL BE UTILIZED AT THIS LOCATION. THE INTERSECTION OPERATION WILL REMAIN UNCHANGED WITH THE EXCEPTION OF THE PEDESTRIAN MOVEMENTS. THE CURRENT PEDESTRIAN MOVEMENT ACROSS THE WEST LEG WILL BE DEACTIVATED DURING THIS PHASE OF CONSTRUCTION.

SPECIAL NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MS. FELECIA MURPHY, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
MR. DUANE BERNARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 513-7336
MR. VERNON STINNETT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 615-7304
MR. AUGIE REBISH, UTILITY ENGINEER
PHONE: (301) 513-7350
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SUPERVISOR, SIGNAL OPERATIONS
PHONE: (410) 787-7652

2. ALL INTERNAL CABINET WIRING SHALL BE PERFORMED BY THE SHA SIGNAL SHOP. CONTRACTOR SHALL CONTACT ED RODENHIZER 72 HOURS PRIOR TO CONSTRUCTION.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

NONE.

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

QUANITY	UNITS	DESCRIPTION
LUMP SUM	LS	MAINTENANCE OF TRAFFIC
LUMP SUM	LS	MOBILIZATION
1	EA	AUDIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY WITH PUSHBUTTON SIGN
1	EA	5 FT. STEEL PEDESTAL POLE WITH BREAKAWAY COUPLING BASE
240	LF	2-CONDUCTOR CABLE (NO. 14 AWG)
20	LF	2 IN. PVC CONDUIT [SCHEDULE 80] - TRENCHED
200	LF	12 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING - CROSSWALK
50	LF	24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING - STOP LINE

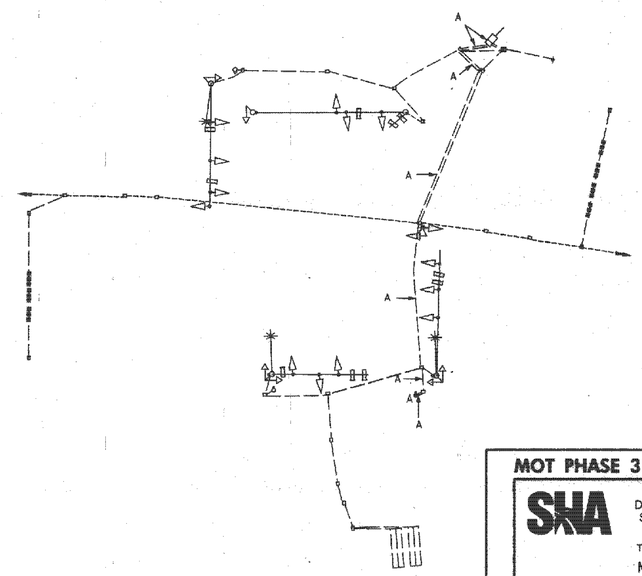
Phase Chart

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	24,25
PHASE 1 AND 5	←G—	←G—	R	R	←G—	←G—	←G—	R	R	R	R	R	R	R	R	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																
PHASE 1 AND 6	←G—	←G—	G	G	←R—	←R—	←R—	R	R	R	R	R	R	R	R	DW
1 CHANGE	←Y—	←Y—	G	G	←R—	←R—	←R—	R	R	R	R	R	R	R	R	DW
PHASE 2 AND 5	←R—	←R—	R	R	←G—	←G—	←G—	G	G	R	R	R	R	R	R	DW
5 CHANGE	←R—	←R—	R	R	←Y—	←Y—	←Y—	G	G	R	R	R	R	R	R	DW
PHASE 3	←R—	←R—	R	R	←R—	←R—	←R—	R	R	R	R	R	G ←G—	G ←G	G	DW
3 CHANGE	←R—	←R—	R	R	←R—	←R—	←R—	R	R	R	R	R	Y	Y	Y	DW
PHASE 3 ALT	←R—	←R—	R	R	←R—	←R—	←R—	R	R	R	R	R	G ←G—	G ←G—	G	WK
PED CLEARENCE	←R—	←R—	R	R	←R—	←R—	←R—	R	R	R	R	R	G ←G—	G ←G—	G	DW
3 ALT CHANGE	←R—	←R—	R	R	←R—	←R—	←R—	R	R	R	R	R	Y	Y	Y	DW
PHASE 4	←R—	←R—	R	R	←R—	←R—	←R—	R	R	G ←G—	G ←G—	G	R	R	R	DW
4 CHANGE	←R—	←R—	R	R	←R—	←R—	←R—	R	R	Y	Y	Y	R	R	R	DW
FLASHING OPERATION	FL/ ←R—	FL/ ←R—	FL/Y	FL/Y	FL/ ←R—	FL/ ←R—	FL/ ←R—	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK

Wiring Diagram

KEY

A } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)



MOT PHASE 3 OF CONSTRUCTION **MOT-03**

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 202 (LANDOVER ROAD)
AND LOTTSFORD ROAD
LANDOVER, MARYLAND

GENERAL INFORMATION PLAN

SCALE N/A DATE APRIL 19, 2010 CONTRACT NO. BW999M82

DESIGNED BY F. BROWNLEY COUNTY PRINCE GEORGE'S
DRAWN BY F. BROWNLEY LOGMILE 18020209.78
CHECKED BY JGR 4/10 TIMS NO. J-981
F.A.P. NO. TOD NO.

TS NO. 2548D | DRAWING GI-03 OF 05 | SHEET NO. 6 OF 8

The Traffic Group, Inc.
Suite H
9900 Franklin Square Drive
Baltimore, Maryland 21236
410-931-6600
1-800-583-9411
Fax 410-931-6601
"Merging Innovation and Excellence"®

BY: FHoeckel

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