

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES REINSTALLING LOOP DETECTORS FOR THE WESTBOUND MD 202 THROUGH AND LEFT TURN LANES AT THE INTERSECTION OF MD 202 (LANDOVER RD) AND SB I-95/495 RAMP IN PRINCE GEORGE'S COUNTY. DUE TO THE BRIDGE RECONSTRUCTION, THE INTERCONNECT CABLE BETWEEN THIS INTERSECTION AND THE INTERSECTION OF MD 202 (LANDOVER RD) AND NB I-95/495 OFF-RAMP WILL BE PULLED BACK AND REROUTED THROUGH NEW CONDUIT SYSTEM. MD 202 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA TWO-PHASE, FULLY-TRAFFIC-ACTUATED MODE. THERE IS EXCLUSIVE/PERMISSIVE LEFT TURN PHASING FOR WESTBOUND MD 202. THE MD 202 EASTBOUND MOVEMENT WILL OPERATE ALONE.

EQUIPMENT LIST

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

ITEM	QUANTITY	UNIT	DESCRIPTION
800000	2550	LF	DISCONNECT, PULL-BACK & REROUTE CABLE
805135	90	LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED (INCLUDES NECESSARY TIE-IN CONDUIT AT THE PARAPET WALL)
805160	30	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
811001	4	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
862101	700	LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
862102	210	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
800000	1	EA	REMOVE AND DISPOSE EQUIPMENT

CONTACTS

The contact persons for this project are as follows:

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Assistant District Engineer - Traffic
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Mr. Vernon Stinnett
Assistant District Engineer - Maintenance
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Utility Engineer
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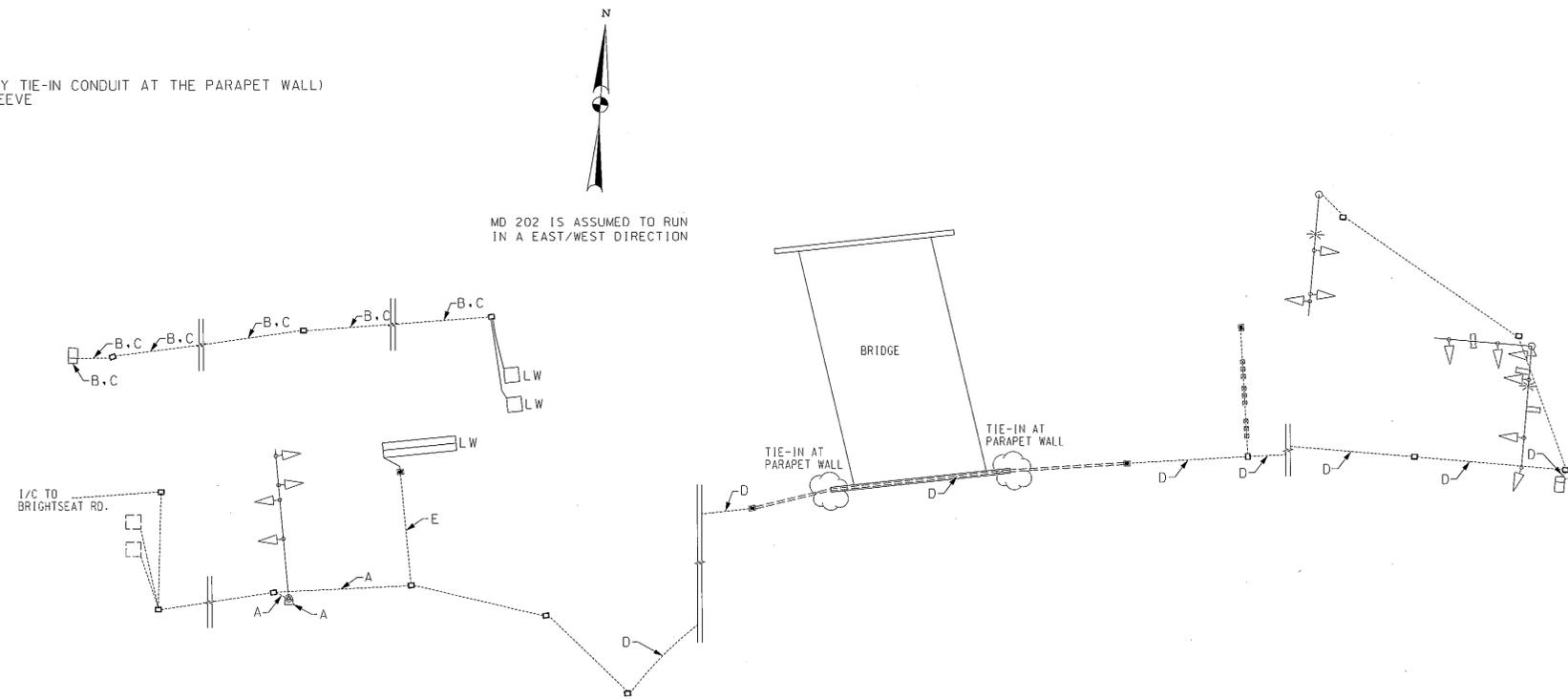
Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

Mr. Ed Rodenhizer
Supervisor, Signal Operations
Phone: 410-787-7650

PHASE CHART



	1	2	3	4	
	(R)	(R)	(R)	(R)	
	(Y)	(Y)	(Y)	(Y)	
	(G)	(G)	(G)	(G)	
PHASE 1	R	R	+G-	+G-	↶
PHASE 1 CHANGE	R	R	+Y-	+Y-	↶
PHASE 2	G	G	R	R	↷
2 CHANGE	Y	Y	R	R	↷
FLASHING OPERATION	FL/Y	FL/Y	FL/R	FL/R	↶↷



WIRING KEY

- A, B, C EXISTING 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG, ALUMINUM SHIELDED)
- D EXISTING INTERCONNECT CABLE TO BE DISCONNECTED, PULLED BACK AND REROUTED.
- E EXISTING ALUMINUM SHIELD CABLE TO BE DISCONNECTED, PULLED BACK AND REROUTED.
- LW LOOP DETECTOR CABLE

NOTE:
THE NEW LOOP WIRE WILL BE SPLICED TO THE EXISTING 2 CONDUCTOR ALUMINUM SHIELDED CABLE. ALL OTHER EXISTING WIRING WILL BE UTILIZED.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 202 (LANDOVER RD) AT I-95/495 SB ON-RAMP
GLENARDEN, MD

GENERAL INFORMATION PLAN SHEET

SCALE NTS DATE 08/2010 CONTRACT NO. PG8905180

DESIGNED BY XM COUNTY PRINCE GEORGE'S

DRAWN BY XM LOGMILE 16020209.63

CHECKED BY JB TMS NO. _____

F.A.P. NO. _____ TOD NO. _____

TS NO. 2073A DRAWING SG-03 OF 3 SHEET NO. 59 OF 63

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