

PROJECT DESCRIPTION

GENERAL

THIS PROJECT CONSISTS OF THE REPLACEMENT OF TRAFFIC DETECTOR LOOPS AT THE INTERSECTION OF US 50 AND BUCKTOWN ROAD IN DORCHESTER COUNTY. US 50 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.

INTERSECTION OPERATION

THERE SHALL BE NO CHANGE TO THE EXISTING INTERSECTION OPERATION.

PROJECT CONTACTS

MR. DONNIE L. DREW, DISTRICT ENGINEER
PHONE: (410) 543-6715

MR. GENE A. COFIELL, JR., ASST. DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 543-6715

MR. JAMES R. WRIGHT, ASST. DISTRICT ENGINEER-MAINTENANCE
PHONE: (410) 543-6715

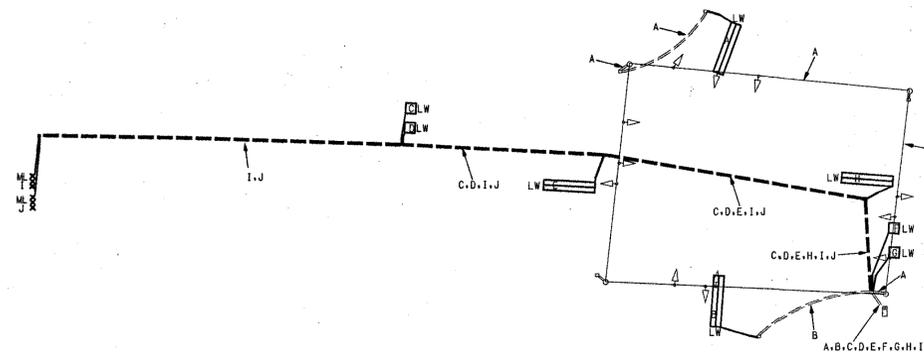
MR. BRUCE W. POOLE, ASST. DISTRICT ENGINEER-UTILITIES
PHONE: (410) 543-6715

MR. RICHARD L. DAFF, SR., CHIEF
TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST

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

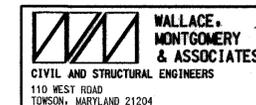
DESCRIPTION	SPECIFICATION SECTION	UNIT	QUANTITY
FURNISH AND INSTALL 24 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING	556	L.F.	150
FURNISH AND INSTALL PERMANENT AND PREFORMED PAVEMENT MARKING LETTER	556	EA.	8
FURNISH AND INSTALL PERMANENT AND PREFORMED PAVEMENT MARKING ARROW	556	EA.	4
FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED	805	L.F.	250
FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	805	L.F.	400
FURNISH AND INSTALL 1" LIQUID TIGHT FLEXIBLE CONDUIT FOR DETECTOR WIRE SLEEVE	805	L.F.	30
FURNISH AND INSTALL 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE	805	L.F.	60
FURNISH AND INSTALL LOOP DETECTOR WIRE ENCASED IN FLEXIBLE TUBING NO. 14 AWG	810	L.F.	2440
FURNISH AND INSTALL ELECTRICAL HANDHOLE	811	EA.	4
FURNISH AND INSTALL SAWCUT FOR SIGNAL LOOP DETECTOR	815	L.F.	820
FURNISH AND INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN	815	EA.	2



WIRING KEY

- A, B, C, D } 2 CONDUCTOR (ALUMINUM SHIELDED)
- E, F, G, H } CABLE (NO. 14 AWG) LOOP DETECTOR
- I, J } MICROLOOP PROBE WITH 1000 FT. LEAD-IN
- ML } MICROLOOP PROBE SET
- LW } LOOP DETECTOR WIRE
- PF } PROPOSED ELECTRICAL FEED
- ⊕ } GROUND ROD
- i, j, k, n } 1 CONDUCTOR STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)

NO CHANGE IS REQUIRED TO THE EXISTING PHASING



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 50 SIX-LANE RECONSTRUCTION
FROM WOODS ROAD TO BUCKTOWN ROAD

DRAWN BY: W.J.H.	F.A.P. NO. SEE TITLE SHEET	TS NO. TS 2497-61	SHEET NO.
CHECKED BY: W.J.H.	S.H.A. NO. D05785170	T.I.M.S. NO.	31 OF 48
SCALE: NONE	COUNTY: DORCHESTER		
DATE: FEBRUARY, 2000	LOG MILE:		