

PROJECT DESCRIPTION

I. GENERAL

This portion of the project involves the modification of existing traffic control signal at the intersection of US 50 (Ocean Gateway) and MD 589 (Race Track Road) in Worcester County, Maryland. US 50 is considered to run in an east/west direction.

II. INTERSECTION OPERATION

The intersection operation to remain unchanged.

The existing controller will be utilized at this location.

EQUIPMENT LIST

A. S.H.A. furnished equipment material.

None.

B1. Approved S.H.A. equipment to be purchased by the Developer and installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval prior to installation.

None.

B2. Equipment to be furnished and/or installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
1	CY	205	Test pit excavation.
3	EA	811	Handhole.
1400	LF	810	2-conductor (aluminum shielded) electrical cable (No. 14 A.W.G.).
475	LF	810	2 in. polyvinyl chloride (Schedule 80) electrical conduit - trenched.
2	EA	---	Loop detector splice.
Lump Sum	LS	---	Relocate existing Interconnect Cable (Approx. 1225 ft.).
Lump Sum	LS	---	Remove and salvage existing traffic signal equipment.
Lump Sum	LS	---	As-built for S.H.A. Ion CADD.

C. SHA forces shall remove the controller and all auxiliary equipment from the controller cabinet. The cabinet and all other materials to be removed by the contractor shall become the property of the contractor.

Quantity	Units	Description
1	EA	Handhole

CONTACT LIST

The contact persons for District #1 are as follows:

Mr. Bruce Poole
Assistant District Engineer - Utility
410-543-6715

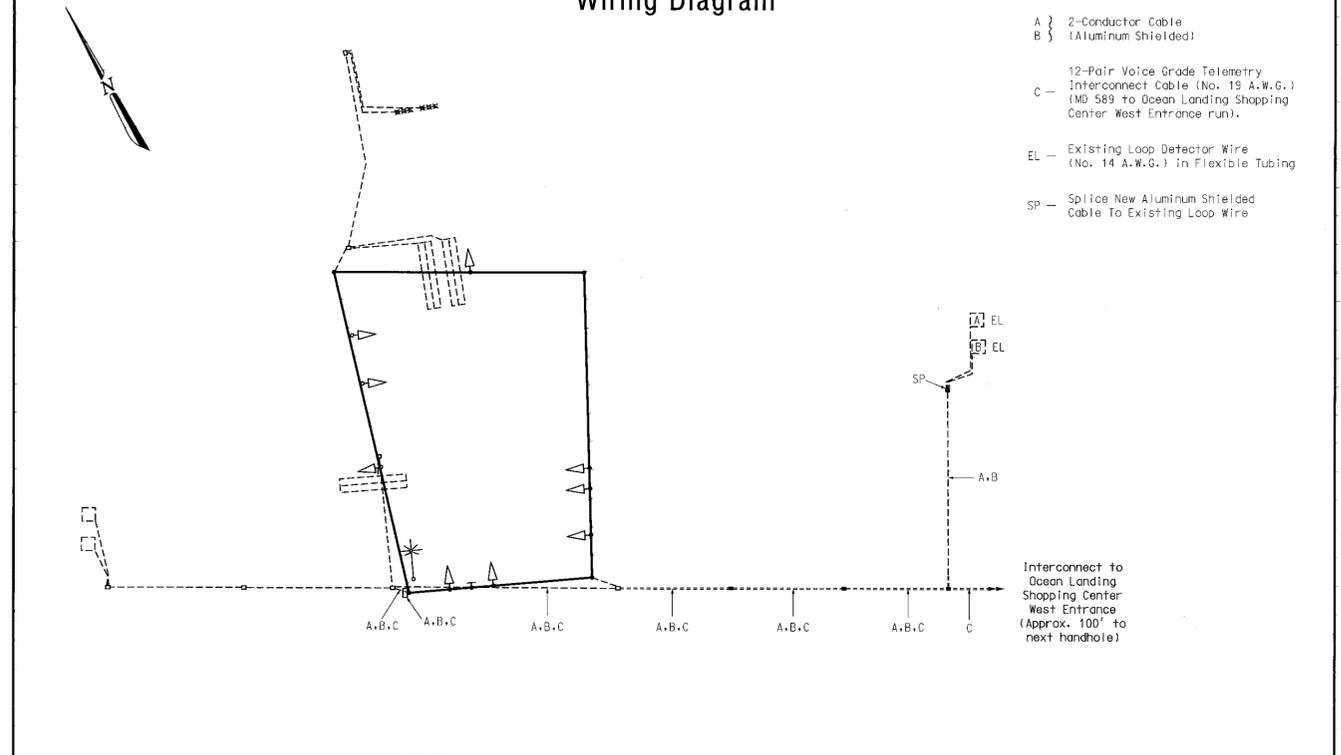
Mr. James Wright
Assistant District Engineer - Maintenance
410-543-6715

Mr. Richard Doff
Chief, Traffic Operations Division
410-787-7630

Phase Chart

	1	2	3	4	5	6	7	8	9	
Phase 1 & 6	←G	←G	G	G	R	R	R	R	R	↘
1 Change	←Y	←Y	G	G	R	R	R	R	R	↘
Phase 2 & 6	←R	←R	G	G	G	R	R	R	R	←
2 & 6 Change	←R	←R	Y	Y	Y	Y	R	R	R	←
Phase 4	←R	←R	R	R	R	R	G	G	G	↓
4 Change	←R	←R	R	R	R	R	Y	Y	Y	↓
Flashing Operation	←FL/R	←FL/R	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	↘

Wiring Diagram



The Traffic Group
410-931-6600
Fax 410-931-6601

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(General Information Plan)
US 50 (Ocean Gateway) at MD 589 (Race Track Road)

DRAWN BY: F. Brownley	F.A.P. NO. N/A	TS. NO. 375-E
CHECKED BY: [Signature]	S.H.A. NO. BW996M82	SHEET NO. 2 OF 6
SCALE: N/A	COUNTY: Worcester	T.J.M.S. NO. G-190
DATE: March 15, 2004	LOG MILE: 23005009.64	

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