

PROJECT DESCRIPTION

I. GENERAL

This project involves the addition of audible pedestrian phases across both legs of MD 528 at 45th Street in Worcester County. Audible pedestrian phasing MD 528 (Coastal Hwy) is assumed to run an north-south direction.

II. INTERSECTION OPERATION

- The Intersection shall continue to operate in a NEMA six-phase, semi-actuated mode, with the MD MD 528 (Coastal Hwy) approaches continuing to run concurrent. Exclusive/Permissive left turn phases shall remain in operation for both approaches of MD MD 528 (Coastal Hwy). The existing pedestrian phases across both legs of MD MD 528 (Coastal Hwy) shall now include audible pedestrian pushbuttons. The pedestrian phase across the westbound approach of 45th Street shall remain on recall. The 45th Street approaches shall also continue to run concurrently.
- A Navigator Central Control Unit (for audible pedestrian pushbuttons) shall be installed into the existing full-traffic-actuated, eight-phase controller housed in a NEMA size "6" base-mounted cabinet at this intersection.

III. SPECIAL NOTES

- The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
- All controller cabinet wiring will be performed by the S.H.A. Signal Shop Contact Mr. Ed Rodenhizer at (410) 787-7650 seventy-two hours in advance of intended work.
- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

THERE SHALL BE NO CHANGE TO THE PHASING OF THIS INTERSECTION

The contact persons for District #1 are as follows:

Mr. Gene Cofield
Assistant District Engineer - Traffic
Phone: (410) 677-4040

Mr. Jimmy Wright
Assistant District Engineer - Maintenance
Phone: (410) 543-6715

Mr. Bruce Poole
Assistant District Engineer - Utility
Phone: (410) 677-4082

Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

EQUIPMENT LIST

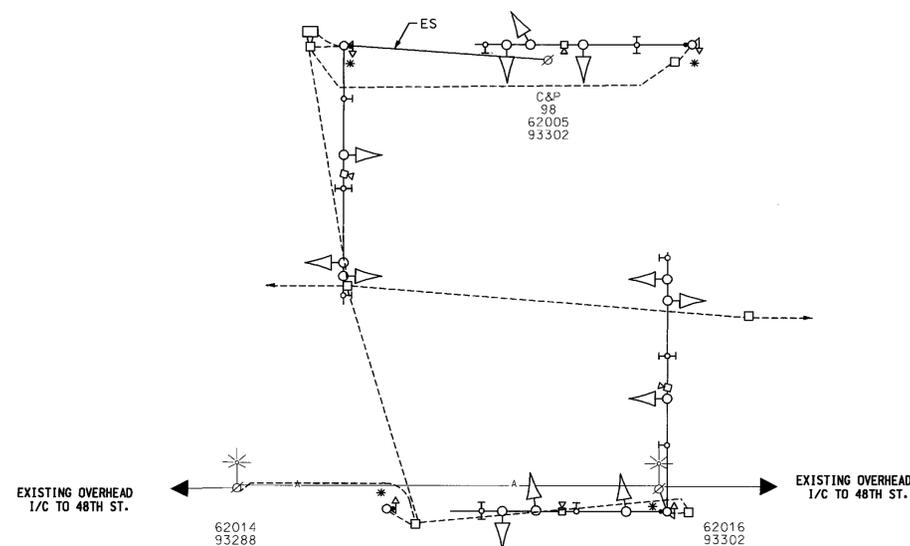
A. EQUIPMENT TO BE FURNISHED BY THE SHA

There is no equipment to be furnished by the SHA for this project.

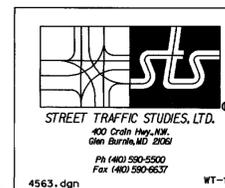
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	Maintenance of traffic per assignment.	1 EA
8048	Remove and dispose of existing material and equipment per assignment.	1 EA
NEG.	Navigator Pole Mount Units APS 5x7 black plate face plate, option "A" with International Braille	4 EA
	"(Left Arrow) Coastal Hwy"	2 EA
	"(Right Arrow) Coastal Hwy"	2 EA
NEG.	Pedestrian Head Control Unit constant power MD spec with weatherproof boxes.	1 EA
NEG.	Detectable warning Surface (Truncated Domes Surface Applied)	32 SF
NEG.	Relocate pedestrian education signs.	4 EA

WIRING DIAGRAM



WIRING KEY
 * - USE EXISTING 2 CONDUCTOR CABLE
 ES - EXISTING OVERHEAD SERVICE TO BE MAINTAINED BY CONECTIV



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 MD 528 (COASTAL HIGHWAY) AND 45th ST.

DRAWN BY: ROB CICCHINI	F.A.P. NO. 418C	TS NO. 418C	SHEET NO. 2 OF 2
CHECKED BY: J ALLEN	S.H.A. NO. XX1065185	T.I.M.S. NO. 6/53	
SCALE: NONE	COUNTY: WORCESTER	LOG MILE: 23052805.70	
DATE: 4-1-04			