

I. GENERAL

This project involves the adjustment of existing handhole and stop lines at the intersection of MD 4 and Town Center Blvd./ Dunkirk District Park Entrance in Calvert County, Maryland. MD 4 is considered to run in a north/south direction.

The south leg turning radius shall be adjusted to accommodate geometric changes to right turn lane and an island.

II. INTERSECTION OPERATION

The intersection is to operate in a NEMA seven (7) phase, full-traffic-actuated mode. There is an exclusive left turn for both the north and southbound movements of MD 4. The MD 4 through movements operate concurrently. There is an exclusive left turn for the westbound movement of Town Center Blvd. The Town Center Blvd./Dunkirk District Park Entrance through movements will operate concurrently.

EQUIPMENT LIST

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

None.

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

Category Code No.	Quantity	Units	Specification Section	Description
585407	20	LF	553	5 Inch Yellow Lead Free Reflective Thermoplastic Pavement Markings
585410	210	LF	553	10 Inch White Lead Free Reflective Thermoplastic Pavement Markings
585625	70	LF	556	24 Inch White Preformed Thermoplastic Pavement Marking Line
800000	Lump Sum	LS	800	As-built for S.H.A. Ion CADD.
802145	2	EA	800	Adjust Existing Handhole.
813023	20	SF	822	Relocate existing ground mounted signs.

Notes: S.H.A. category code numbers and specifications are for internal purpose only. Refer to MTA specifications for equipment items.

C. Equipment to be removed and returned to S.H.A. - None

Notes: All removed materials are to become the property of the contractor.

CONTACT LIST

The contact persons for District #5 are as follows:

Ms. Kim Tran
Assistant District Engineer - Traffic
410-841-1003

Mr. Mike Huber
Assistant District Engineer - Utility
410-841-1005

Mr. John S. Mays
Assistant District Engineer - Maintenance
410-841-1013

Mr. Jamie Foden
ADE Construction
410-841-1004

The Power Company Representative Is:
SMECO
901 Dargos Beach Road
P.O. Box 31
Prince Frederick, MD 20678
410-535-4400
WMS# 46174

The contact persons for office of traffic and safety are as follows:

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

Mr. Robert Snyder
Assistant Division Chief, Traffic Operations
410-787-7630

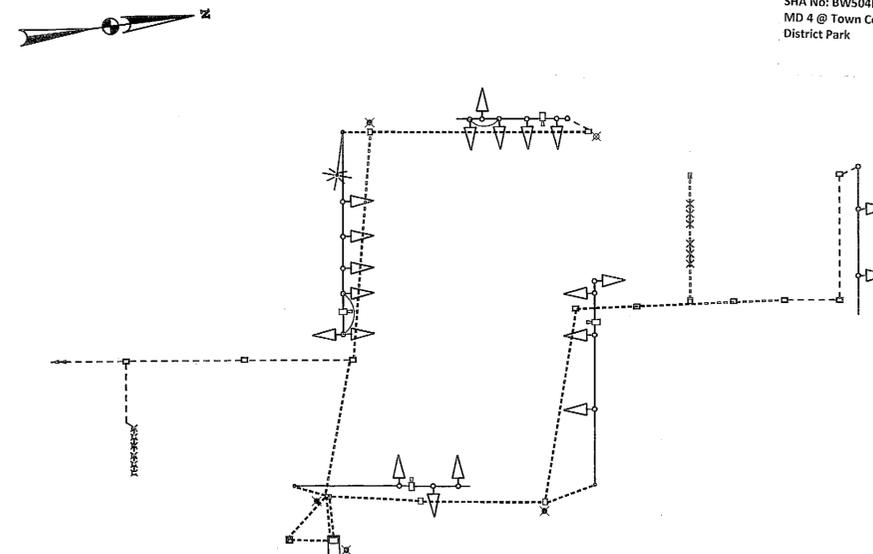
Mr. Ed Roderhizer
Team Leader - Signal Operations
410-787-7650

Mr. Eugene Bailey
Team Leader - Sign Operations
410-787-7676

Phase Chart

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Phase 1 & 5	←G	←G	R	R	FL/Y	FL/Y	←G	←G	←D	R	R	R	R	R	R	←R	←R	←R	R	R
1 & 5 Change to Phase 1 & 6 or Phase 2 & 5 or Phase 2 & 6	←G	←G	G	G	FL/Y	FL/Y	←R	←R	←R	R	R	R	R	R	R	←R	←R	←R	R	R
1 Change	←Y	←Y	G	G	FL/Y	FL/Y	←R	←R	←R	R	R	R	R	R	R	←R	←R	←R	R	R
Phase 2 & 5	←R	←R	R	R	FL/Y	FL/Y	←G	←G	←G	G	G	G	R	R	R	←R	←R	←R	R	R
5 Change	←R	←R	R	R	FL/Y	FL/Y	←Y	←Y	←Y	G	G	G	R	R	R	←R	←R	←R	R	R
Phase 2 & 6	←R	←R	G	G	FL/Y	FL/Y	←R	←R	←R	G	G	G	R	R	R	←R	←R	←R	R	R
2 & 6 Change	←R	←R	Y	Y	FL/Y	FL/Y	←R	←R	←R	Y	Y	Y	R	R	R	←R	←R	←R	R	R
Phase 3	←R	←R	R	R	FL/Y	FL/Y	←R	←R	←R	R	R	R	R	R	R	←G	←G	←G	R	R
3 Change to phase 3 & 8 or Phase 4 & 8	←R	←R	R	R	FL/Y	FL/Y	←R	←R	←R	R	R	R	R	R	R	←G	←G	←G	G	G
Phase 3 & 8	←R	←R	R	R	FL/Y	FL/Y	←R	←R	←R	R	R	R	R	R	R	←Y	←Y	←Y	G	G
3 Change	←R	←R	R	R	FL/Y	FL/Y	←R	←R	←R	R	R	R	R	R	R	←Y	←Y	←Y	G	G
Phase 4 & 8	←R	←R	R	R	FL/Y	FL/Y	←R	←R	←R	R	R	R	G	G	G	←R	←R	←R	G	Y
4 & 8 Change	←R	←R	R	R	FL/Y	FL/Y	←R	←R	←R	R	R	R	Y	Y	Y	←R	←R	←R	Y	Y
Flashing Operation	FL/←R	FL/←R	FL/Y	FL/Y	Dark	Dark	FL/←R	FL/←R	FL/←R	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/←R	FL/←R	FL/←R	FL/R	FL/R

Wiring Diagram



SHA No: BW504M83
MD 4 @ Town Center Blvd/Dunkirk District Park

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

MD 4 AT TOWN CENTER BLVD/DUNKIRK DISTRICT PARK
DUNKIRK, MD

REVISION B CONSULTANT

GENERAL INFORMATION PLAN

DCI
DANIEL CONSULTANTS, INC.
CONSULTING ENGINEERS AND PLANNERS
8950 Rt. 108 E., Suite 229 Columbia, MD. 21045
Phone: 410-995-0090 Fax: 410-992-7038

SCALE: N/A ADVERTISED DATE: MARCH 2010 CONTRACT NO. T-1035-0140

DESIGNED BY: JP COUNTY: CALVERT COUNTY
DRAWN BY: JP LOGMILE: 02000433.68
CHECKED BY: KAP TMS NO.:
F.A.P. NO.: SEE TITLE SHEET TOD NO.:

TS NO. 4974B DRAWING SG 2 OF 2 SHEET NO. 9 OF 9

PLOTTED: 8/24/2010
FILE: SP165

BY: \$USER\$