PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A FIBEROPTIC "NO RIGHT TURN" SYMBOL AT THE INTERSECTION OF MD 528 (COASTAL HIGHWAY) AND 130TH STREET IN OCEAN CITY, WORCESTER COUNTY.
MD 528 (COASTAL HIGHWAY) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

FIBEROPTIC SIGN REQUIREMENTS

THE FIBEROPTIC SIGN SHALL ONLY BE LIT DURING THE PRE-EMPTION PHASE OF THE TRAFFIC SIGNAL WHEN EMERGENCY VEHICLES WOULD BE ATTEMPTING TO EXIT THE FIREHOUSE.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.00 - 104.00-12
STANDARD NO. MD-104.31-01 (FLAGGING OPERATION)
STANDARD NO. MD-104.49-01 (SHOULDER WORK)
STANDARD NO. MD-104.44-01 (LEFT-LANE CLOSURE)
STANDARD NO. MD-104.45-01 (RIGHT-LANE CLOSURE)
STANDARD NO. MD-104.35-01 (LANE SHIFT)
STANDARD NO. MD-104.33-02 (SHOULDER WORK)
STANDARD NO. MD-104.32-02 (INTERSECTION FLAGGING OPERATION)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. DONNIE L. DREWER
DISTRICT #1 ENGINEER
PHONE: (410) 543-6715

MR. GENE COFFIEL
ASSISTANT DISTRICT ENGINEER TRAFFIC
PHONE: (410) 543-6715

MR. JAMES R. WRIGHT
ASSISTANT DISTRCIT ENGINEER MAINTENANCE
PHONE: (410) 543-6715

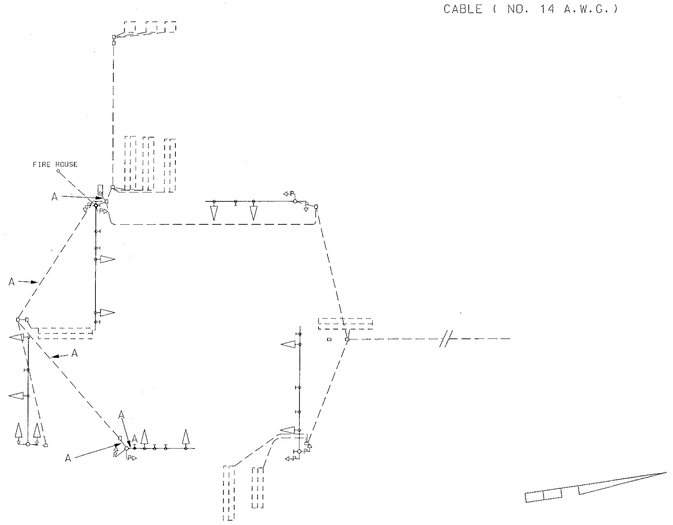
MR. BRUCE POOLE
DISTRICT #1 UTILITIES ENGINEER
PHONE: (410) 543-6715

MR. RICHARD DAFF, SR.
CHEIF, TRAFFIC OPERATIONS DIVISIONS
PHONE: (410) 787-7630

WIRING DIAGRAM

WIRING KEY

A 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)



EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY SHA

ITEM NO.	QUANTITY	DESCRIPTION
-	-	-

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8044	180 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE- 5 CONDUCTOR (NO. 14 A.W.G.)
8000	1 EACH	INSTALL FIBEROPTIC BLANKOUT OVERHEAD SIGN (NO RIGHT TURN - SYMBOL)

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15-18	34-37
Phase 1 & 5	DARK	DARK	◄G	R	FL/Y	FL/Y	◄G	R	R	R	R	R	FL/R	FL/R	DW	DW
1 & 5 Change	DARK	DARK	◄Y	R	FL/Y	FL/Y	◄Y	R	R	R	R	R	FL/R	FL/R	DW	DW
Phase 1 & 6	DARK	DARK	◄G-G	G	FL/Y	FL/Y	R	R	R	R	R	R	FL/R	FL/R	DW	DW
1 Change	DARK	DARK	◄Y-G	G	FL/Y	FL/Y	R	R	R	R	R	R	FL/R	FL/R	DW	DW
Phase 2 & 5	DARK	DARK	R	R	FL/Y	FL/Y	◄G-G	G	R	R	R	R	FL/R	FL/R	DW	DW
5 Change	DARK	DARK	R	R	FL/Y	FL/Y	◄Y-G	G	R	R	R	R	FL/R	FL/R	DW	DW
Phase 2 & 6	DARK	DARK	G	G	FL/Y	FL/Y	G	G	R	R	R	R	FL/R	FL/R	W	DW
2 & 6 Ped. Clear.	DARK	DARK	G	G	FL/Y	FL/Y	G	G	R	R	R	R	FL/R	FL/R	FL/DW	DW
2 & 6 Change	DARK	DARK	Y	Y	FL/Y	FL/Y	Y	Y	R	R	R	R	FL/R	FL/R	DW	DW
Phase 4	DARK	DARK	R	R	FL/Y	FL/Y	R	R	G	G	G	G	FL/R	FL/R	DW	W
4 Change	DARK	DARK	R	R	FL/Y	FL/Y	R	R	Y	Y	Y	Y	FL/R	FL/R	DW	FL/DW
4 Alt.	DARK	DARK	R	R	FL/Y	FL/Y	R	R	G	G	G	G	FL/R	FL/R	DW	W
4 Alt. Ped. Clear.	DARK	DARK	R	R	FL/Y	FL/Y	R	R	G	G	G	G	FL/R	FL/R	DW	FL/DW
4 Alt. Change	DARK	DARK	R	R	FL/Y	FL/Y	R	R	Y	Y	Y	Y	FL/R	FL/R	DW	DW
Flashing Operation	DARK	DARK	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK

FIRE HOUSE PRE-EMPTION

Firehouse Pre-Emption Phase 3	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	R	DW	DW
Pre-Emption	R	R	◄G-G	G	R	R	R	R	R	R	R	R	FL/Y	FL/Y	DW	DW
Pre-Emption Clearance	R	R	◄Y-Y	Y	R	R	R	R	R	R	R	R	Y	Y	DW	DW
Phase 2 & 6 Normal Operation	DARK	DARK	G	G	FL/Y	FL/Y	G	G	R	R	R	R	FL/R	FL/R	DW	DW

REVISIONS

1. 8-30-1999 SHA NO. XX-1005-85 INSTALL FIBEROPTIC BLANKOUT "NO RIGHT TURN" SIGN
2. 2-1991 RED LINE REVISION 1 TO REVISION G
3. 11-1990 RECONSTRUCT TRAFFIC SIGNAL
4. ASBUILT INSTALL I.C.B. AT 131ST STREET

APPROVALS

ASST. TRAFFIC ENGINEER, DESIGN DIVISION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

THIS IS A REVISION TO NOTE TS 1433 G S.H.A. NO. WO 658-501-176

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 528 (COASTAL HIGHWAY) AND 130TH & 131ST STREETS

DRAWN BY: DERRICK DICKERSON	F.A.P. NO.		TS NO. 1433 (G)	SHEET NO.
CHECKED BY:	S.H.A. NO.			
SCALE: NONE	COUNTY:	WORCESTER	T.I.M.S. NO. D-343	2 OF 2
DATE: 2-1988	LOG MILE:	23052807.57		