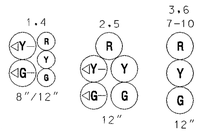
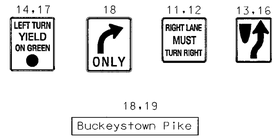
MD 85 IS CONSIDERED TO RUN IN A NORTH SOUTH DIRECTION.

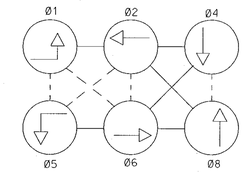
EXISTING SIGNALS



EXISTING SIGNS



NEMA PHASING

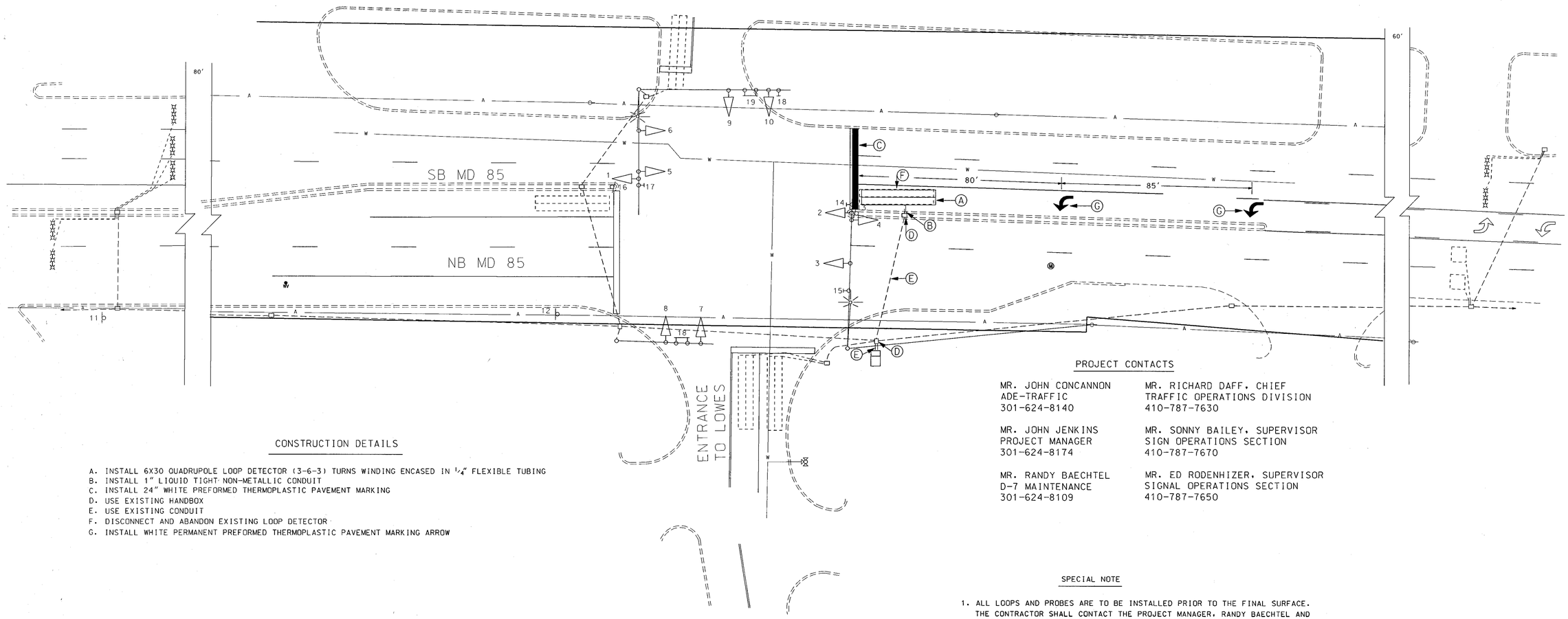


FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REPLACEMENT OF ONE LOOP DETECTOR FOR THE SB LEFT TURN LANE DUE TO RESURFACING WORK ON SB MD 85.



CONSTRUCTION DETAILS

A. INSTALL 6X30 QUADRUPOLE LOOP DETECTOR (3-6-3) TURNS WINDING ENCASED IN 1/4" FLEXIBLE TUBING
B. INSTALL 1" LIQUID TIGHT NON-METALLIC CONDUIT
C. INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING
D. USE EXISTING HANDBOX
E. USE EXISTING CONDUIT
F. DISCONNECT AND ABANDON EXISTING LOOP DETECTOR
G. INSTALL WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW

PROJECT CONTACTS

MR. JOHN CONCANNON
ADE-TRAFFIC
301-624-8140

MR. JOHN JENKINS
PROJECT MANAGER
301-624-8174

MR. RANDY BAECHTEL
D-7 MAINTENANCE
301-624-8109

MR. RICHARD DAFF, CHIEF
TRAFFIC OPERATIONS DIVISION
410-787-7630

MR. SONNY BAILEY, SUPERVISOR
SIGN OPERATIONS SECTION
410-787-7670

MR. ED RODENHIZER, SUPERVISOR
SIGNAL OPERATIONS SECTION
410-787-7650

SPECIAL NOTE

1. ALL LOOPS AND PROBES ARE TO BE INSTALLED PRIOR TO THE FINAL SURFACE. THE CONTRACTOR SHALL CONTACT THE PROJECT MANAGER, RANDY BAECHTEL AND GEORGE DEDOULIS OF THE SHA INSPECTION SECTION PRIOR TO BEGINNING WORK IN ORDER TO COORDINATE THE WORK.

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

NONE

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

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
5006	35 LF	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMPPLASTIC PAVEMENT MARKING
5008	2 EA	HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS
8036	5 LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8082	400 LF	LOOP WIRE ENCASED IN 1/4" FLEXIBLE TUBING (NO 14AWG)
8083	110 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

FR460A34 ~~FR460A0054~~ TIP#: ~~FR460A0054~~ TIP#: AR258-28

REVISIONS			
A	AS BUILT	AUUST 20. 1999	
FJH			
(B) REPLACE DETECTION DUE TO DISTRICT PAVING			
CJS			

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINALS ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 85 @ ENTRANCE TO LOWES
SIGNAL PLAN

DRAWN BY:	F. HOECKEL	F.A.P. NO.	N/A	TS NO. 3738	SHEET NO.
CHECKED BY:	J. DIRNDORFER	S.H.A. NO.	BW996M82		
SCALE:	1:20	COUNTY:	FREDERICK	T.I.M.S. NO. N/A	OF
DATE:	JUNE 17, 1998	LOG MILE:	10008509.64		