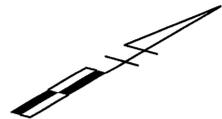


# NAYLOR STREET

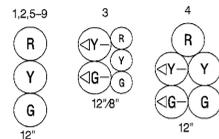


US 13 BUSINESS IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

### PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REPLACEMENT OF EXISTING SIGNAL HEADS WITH NEW BLACKFACED SIGNAL HEADS.

### PROPOSED SIGNALS (BLACKFACED)



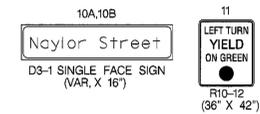
### EXISTING VIDEO DETECTION CAMERA



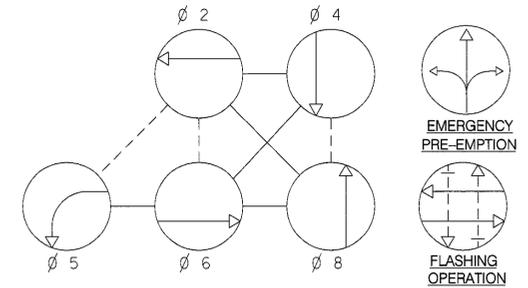
### EXISTING OPTICOM DETECTOR EYE



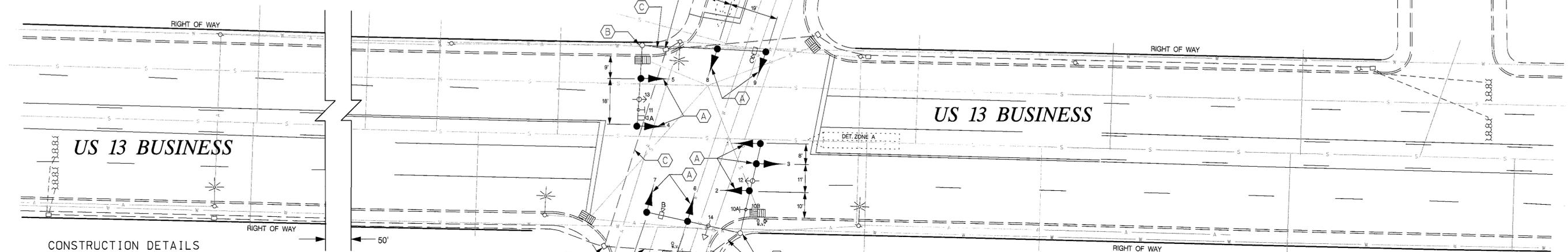
### EXISTING SIGN



### NEMA PHASING



**PHASING NOTES:**  
 1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
 2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

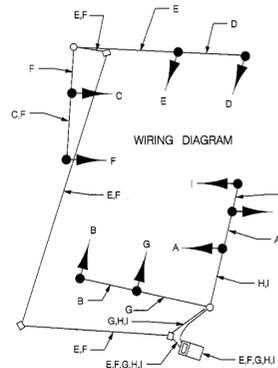


### CONSTRUCTION DETAILS

- A. REMOVE EXISTING SIGNAL HEAD AND REPLACE WITH PROPOSED BLACKFACED SIGNAL HEAD ON EXISTING MAST ARM AS SHOWN
- B. USE EXISTING MAST ARM POLE
- C. USE EXISTING CONDUIT
- D. USE EXISTING HANDHOLE
- E. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER

### WIRING KEY

- A-D 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- E-I 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)



### GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL EXISTING SIGNAL HEAD WIRING.
2. ALL REMOVED SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
3. 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 THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

### EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8011	28 EA	FURNISH AND INSTALL 12 IN. VEHICULAR SIGNAL HEAD SECTION
8019	3 EA	FURNISH AND INSTALL 8 IN. VEHICULAR SIGNAL HEAD SECTION
8048	1 EA	REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT
8084	90 LF	FURNISH AND INSTALL ELECTRICAL CABLE 5-CONDUCTOR (NO. 14 A.W.G.)
8085	620 LF	FURNISH AND INSTALL ELECTRICAL CABLE 7-CONDUCTOR (NO. 14 A.W.G.)

### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

**TRAFFIC CONCEPTS, INC.**  
 325 Gambrills Road  
 Suite E  
 Gambrills, MD 21054  
 (410) 923-7101

FAX (410) 923-6473 EMAIL TRACONCEPT@AOL.COM

REVISIONS		APPROVALS	
4/2004	REPLACE SIGNAL HEADS WITH BLACKFACED SHA NO. XX1065185	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
C	REMOVE PRESENCE DETECTION AND INSTALL VIDEO DETECTION D3-03-04 SHA NO. W11516A21	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
B	PROVIDE US 13 BUS S.B. LEFT E/P		
D	REPLACE HARDWARE PRE-EMPTION 1/C WITH OPTICOM		

SHA #: W11516A21 TDD #: XX10651-47  
**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
 SIGNALIZATION PLAN  
 US 13 BUSINESS AND NAYLOR STREET

DRAWN BY: G. HALLAMEYER	F.A.P. NO.	TS NO.
CHECKED BY: DENNIS DODA JR	S.H.A. NO.	1945-D
SCALE: 1" = 20'	COUNTY: WICOMICO	T.I.M.S. NO. F648
DATE: 2-8-84	LOG MILE: 22B01306.25	SHEET NO. 1 OF 1