US 1 IS ASSUMEDTO RUN
IN A NORTH/SOUTH DIRECTION

EXISTING SIGNALS

7	8	9	10	11
Bowie Rd D3-2 16" x variable	R3-1 30" X 30"	LANE ENDS MERGE RIGHT W9 21R 36"X36"	ONE WAY R6-1L R3-1 30" X 30"	ONE WAY R6-1L 36"x12"

EXISTING SIGNALS

12" 1-4 R Y G

5,6

PROPOSED OPTICOM DETECTOR EYE

EXISTING OPTICOM DETECTOR EYE

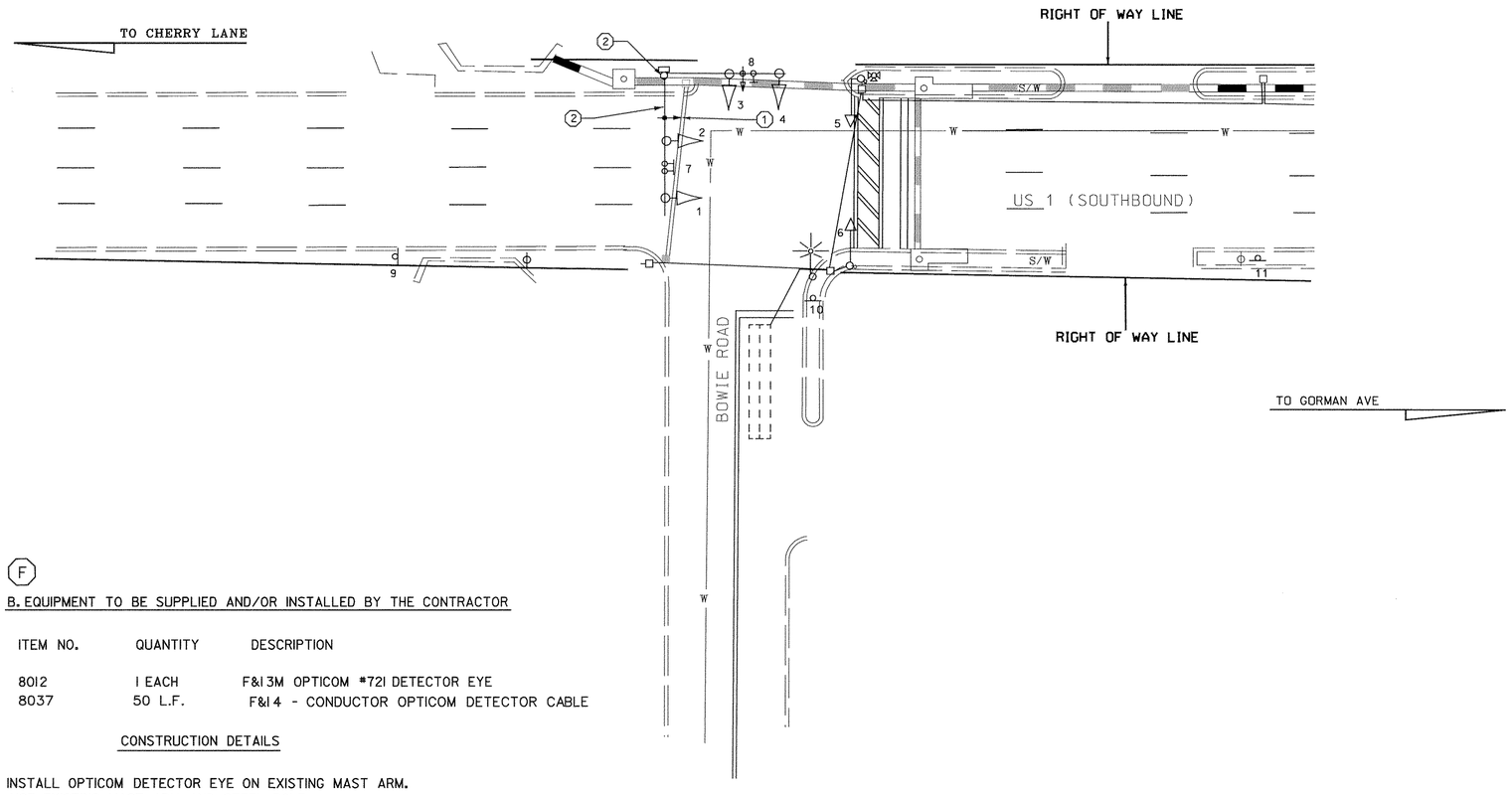
NEMA PHASING

Ø2 Ø4

FLASHING OPERATION

PREEMPTION 1 PREEMPTION 2

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



(F)

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

ITEM NO.	QUANTITY	DESCRIPTION
8012	1 EACH	F&I 3M OPTICOM *721 DETECTOR EYE
8037	50 L.F.	F&I 4 - CONDUCTOR OPTICOM DETECTOR CABLE

CONSTRUCTION DETAILS

1. INSTALL OPTICOM DETECTOR EYE ON EXISTING MAST ARM.
2. USE EXISTING MAST ARM AND STEEL POLE
3. USE EXISTING HANDHOLE AND CONDUIT.

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

REVISIONS

F	INSTALL OPTICOM DETECTOR SYS SB US 1 AND WB BOWIE ROAD	2/00
E	RECONSTRUCT TRAFFIC SIGNAL DUE TO NEW DRAINAGE	12/93
D	INSTALL PED SIGNALS	10/10/93

APPROVALS

ORIGINAL

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ON

ASST. DISTRICT ENGINEER, TRAFFIC

FILE

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

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

US 1 (SB) AND BOWIE ROAD
P6308A57/B57

RE-DRAWN BY:	SPP	F.A.P. NO.	AC-STPG-000S(683)E	TS NO. 1631 (F)	SHEET NO. 2 OF 24
CHECKED BY:	TMH/CJ	S.H.A. NO.	XX1005185		
SCALE:	1"= 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. D565	
DATE:	2/21/00	LOG MILE:	16S00113.50		

a:\#ironsdwg\37006\31\ustsbbowlerd.dgn
20 MAR 2000