MD ROUTE 198

SIGNS

NOTE: SIGNS 21,22 AND 23 ARE EXISTING

21a,21b,22a,22b	23	24	25	26	27
Sweitzer Lane	ONLY | ONLY	LANE ENDS 600 FEET	PROCEED ON FLASHING RED AFTER STOP	EAST MARYLAND 198 →	EAST MARYLAND 198 ←
D3-2 16" x Var.		W9-2(4)L MODIFIED 42" x 30"	R10-6(1) 60" x 36"	Assoc. Shield Assembly 30" x 51"	Assoc. Shield Assembly 48" x 75"

MD 198 is assumed to run in an east-west orientation

TO BURTONSVILLE

RIGHT-OF-WAY LINE

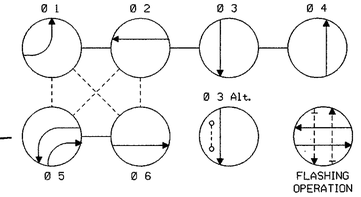
SIGNAL HEADS

NOTE
1. SIGNAL 20 TO BE COVERED DURING PHASE 1
2. SIGNALS 1,5,6,7,8,15, 18,19 ARE EXISTING

1,2,5,6	3,4,7,8, 11,15,17	9,10,16	12,13,14	18,19,20
R Y G	R Y G	R Y G	R Y G	
12"	12"	12"	12"	

RIGHT-OF-WAY LINE

NEMA PHASING



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

CONSTRUCTION DETAILS

INSTALL 12 IN. BY 32 FT. (TWO PLY) STEEL STRAIN POLE WITH A 20 FT. LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE, POLE MOUNTED PEDESTRIAN SIGNAL (NOTE: 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND AND 4 - 2¼IN. BY 96 IN. ANCHOR BOLTS).
INSTALL 27 FT. STEEL POLE WITH 50 FT. MAST ARM, SIGNAL HEADS AND SIGN (NOTE: 1-2 IN. SCHEDULE 80 PVC CONDUIT BEND AND 4 - 1¾IN. BY 90 IN. ANCHOR BOLTS).
INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT (NOTE: 2-4 IN. AND 2-2 IN. SCHEDULE 80 PVC CONDUIT BENDS).
INSTALL HANDBOX
INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINLY CHLORIDE ELECTRICAL CONDUIT (BORED).
INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINLY CHLORIDE ELECTRICAL CONDUIT (BORED).
INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINLY CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
INSTALL⅜IN. STEEL SPAN WIRE, TRAFFIC SIGNAL HEADS, SIGNS, AND¼IN. BOTTOM SPAN WIRE.
PROPOSED ELECTRICAL SERVICE
REMOVE EXISTING SIGNALS AND SIGNS, ADJUST SPAN WIRE, INSTALL¼IN. BOTTOM SPAN WIRE
USE EXISTING STRAIN POLE
REMOVE EXISTING STEEL STRAIN POLE
REMOVE EXISTING SPAN WIRE, SIGNAL HEADS AND SIGNS
DISCONNECT EXISTING ELECTRICAL SERVICE
CAP AND ABANDON EXISTING CONDUIT
REMOVE EXISTING HANDBOX
INSTALL 2 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
ABANDON EXISTING LOOP DETECTOR
REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND ASSOCIATED EQUIPMENT, AND FOUNDATION
INSTALL 3 IN. SCHEDULE 80 POLYVINLY CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
USE EXISTING HANDBOX
INSTALL⅜IN. STEEL SPAN WIRE AND TRAFFIC SIGNAL HEADS
REMOVE EXISTING POLE, PUSHBUTTON AND CONDUIT

WORK AREA

GENERAL NOTES

1. All signal equipment shall be installed to final grade
2. Revision 'C' is a revision to the traffic signal built on August 22, 1985 under SHA Contract No.: 855-16001
3. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
4. The contractor shall install cable and raceway to LDMS (Light Duty Meter Socket) and leave 35 feet of cable coiled at the base of the pole. BG&E will make taps and install pole riser.
5. Geometrics shall be confirmed prior to the installation of all signal equipment.
6. Loop detectors and conduit shall be installed prior to the installation of all pavement markings.
7. The contractor shall have a cataloge cut approved by the Office of Traffic and Safety prior to purchasing equipment.
8. Signal operations are to be maintained at all times

(TSP-1)

END OF UNDERGROUND OVERHEAD UTILITIES

CABLE	—A—	—A—
C	—E—	—E—
ONE	—T—	—T—
	—G—	—G—
	—S—	—S—
	—W—	—W—
TV	—TV—	—TV—

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ANNAPOLIS,MD-ATLANTA,GA-BALTIMORE,MD-FAIRFAX,VA-ORLANDO,FLA
TAMPA,FLA-WEST PALM BEACH,FLA-RALEIGH,NC-ROCKVILLE,MD. GREENBELT, MD

REVISIONS					APPROVALS
					ORIGINAL
(C) June 1999 Signal reconstruct due to geometric improvements					ASST. TRAFFIC ENGINEERING DESIGN DIVISION
					ON
(B) As-Built					ASST. DISTRICT ENGINEER, TRAFFIC
(A) February 6, 1997 Install split phase NB/SB Sweitzer Lane					CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FJH		DD	BK	TH	FILE
					DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
Traffic Signal Plan - Phase 1
MD 198 at Sweitzer Lane

DRAWN BY:	D. ANDREWS	F.A.P. NO.	N/A	TS NO. 2110 C	SHEET NO. 53 OF 65
CHECKED BY:	S. RENZI	S.H.A. NO.	855-16001		
SCALE:	1" = 20'	COUNTY:	Prince George's	T.I.M.S. NO.	
DATE:	AUGUST 22, 1985	LOG MILE:	16001980.67		