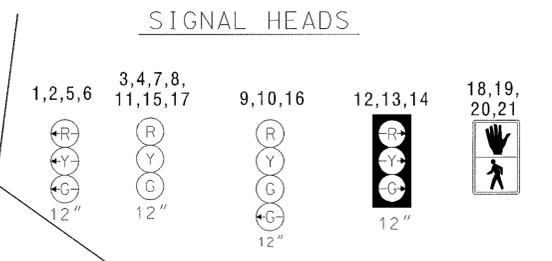
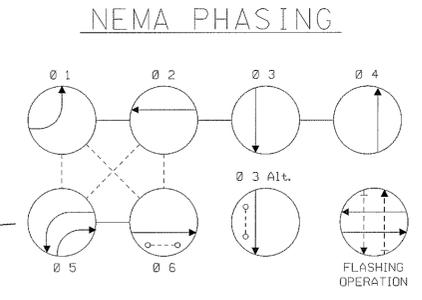


NOTE: SIGNS 23, 24, 27, 29, 30 ARE EXISTING



NOTE: SIGNALS 2, 3, 4, 10, 11, 12, 13, 14, 15, 18, 21 ARE EXISTING



**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**
- A. INSTALL 12 IN. BY 32 FT. (TWO PLY) STEEL STRAIN POLE WITH POLE MOUNTED PEDESTRIAN SIGNALS, PUSHBUTTON, AND R10-4(1) SIGN (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND AND 4 - 2 1/4 IN. BY 96 IN. ANCHOR BOLTS).
  - B. ABANDON EXISTING LOOP DETECTOR
  - C. INSTALL 3 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
  - D. INSTALL 10 FT. POLE CUT TO 4 FT., PUSHBUTTON, AND R10-4(1) SIGN (NOTE: 1-2 IN. SCHEDULE 80 PVC CONDUIT BEND).
  - E. INSTALL 12 IN. WHITE THERMOPLASTIC PREFORMED PAVEMENT MARKING TAPE (CROSSWALKS)
  - F. INSTALL HANDBOX
  - G. INSTALL 6 FT. BY 30 FT. QUADRUPOLE (3-6-3) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
  - H. INSTALL 6 FT. BY 6 FT. (4 TURNS) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
  - I. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
  - K. INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
  - L. INSTALL 2 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
  - M. INSTALL 1/2 IN. STEEL SPAN WIRE, TRAFFIC SIGNAL HEADS, SIGNS, AND 1/4 IN. BOTTOM SPAN WIRE.
  - N. INSTALL 24 IN. WHITE THERMOPLASTIC PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
  - O. INSTALL 1 IN. GALVANIZED CONDUIT FOR DETECTOR SLEEVE
  - P. USE EXISTING STRAIN POLE, INSTALL ASSOCIATED SHIELD ASSEMBLY, REMOVE PUSHBUTTON AND R10-4(1) SIGN
  - Q. USE EXISTING STRAIN POLE
  - R. USE EXISTING HANDBOX
  - S. USE EXISTING CONDUIT
  - T. REMOVE EXISTING STEEL STRAIN POLE
  - U. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS AND SIGNS

- 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 catalogue cut approved by the Office of Traffic and Safety prior to purchasing equipment.
  - 8 Signal operations are to be maintained at all times
  - 9 Loop detectors shall be placed 12" to 18" behind the stop line

(TSP-1)

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

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

WORK AREA

**GREENHORNE & O'MARA, INC.**  
810 GLENEAGLES COURT, SUITE 106  
(410) 583-6700  
ANNAPOLIS, MD • ATLANTA, GA • BALTIMORE, MD • FAIRFAX, VA • ORLANDO, FLA  
TAMPA, FLA • WEST PALM BEACH, FLA • RALEIGH, NC • ROCKVILLE, MD • GREENBELT, MD

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

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
Traffic Signal Plan - Phase 2  
MD 198 at Sweitzer Lane

DRAWN BY: D. ANDREWS	F.A.P. NO. N/A	TS NO. 2110 C
CHECKED BY: S. RENZI	S.H.A. NO. 855-16001	SHEET NO. 55 OF 64
SCALE: 1" = 20'	COUNTY: Prince George's	T.L.M.S. NO.
DATE: AUGUST 22, 1985	LOG MILE: 16001980.87	