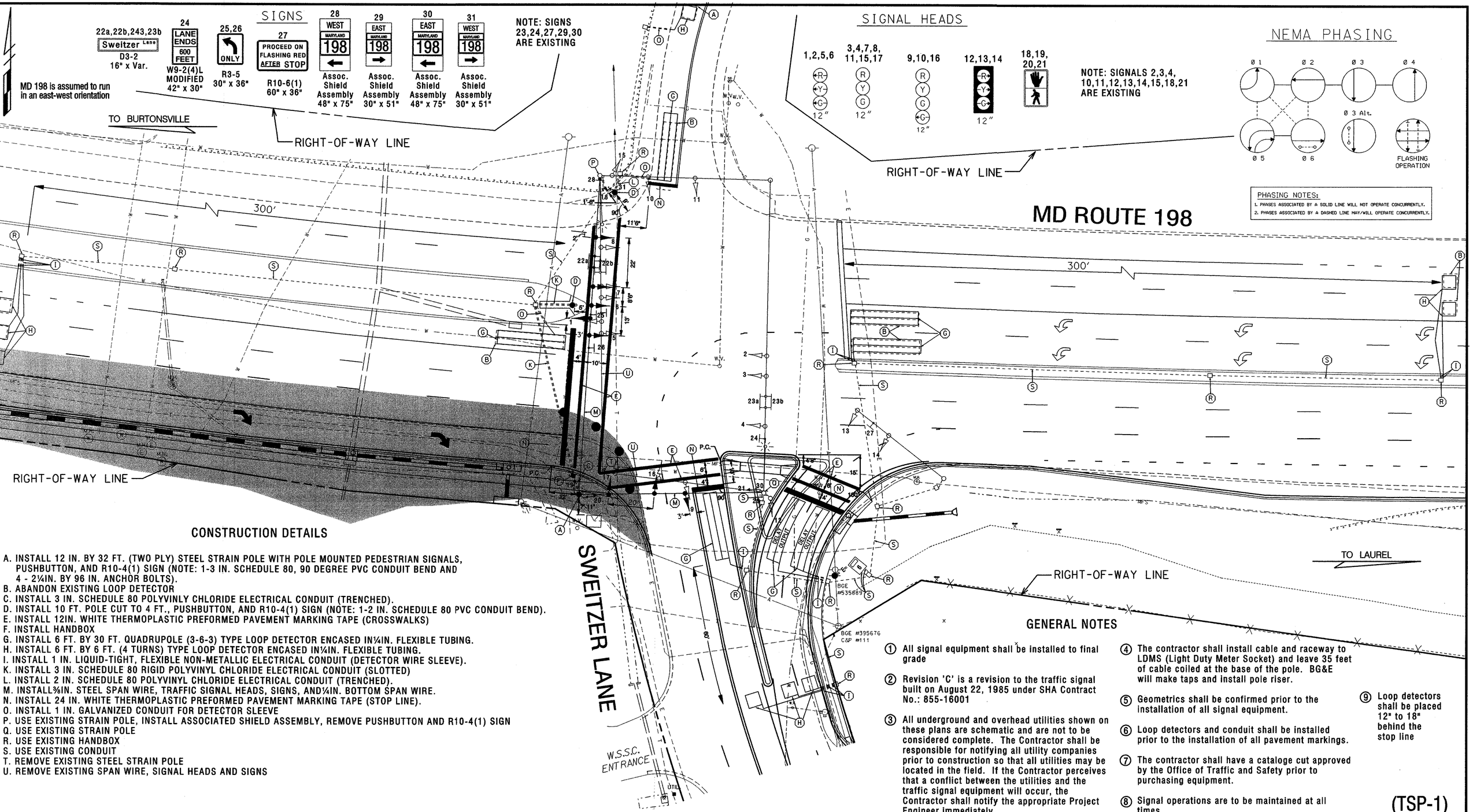

CONSTRUCTION DETAILS

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 - 2¼IN. BY 96 IN. ANCHOR BOLTS).
B. ABANDON EXISTING LOOP DETECTOR
C. INSTALL 3 IN. SCHEDULE 80 POLYVINLY 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 12IN. 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 IN¼IN. FLEXIBLE TUBING.
H. INSTALL 6 FT. BY 6 FT. (4 TURNS) TYPE LOOP DETECTOR ENCASED IN¼IN. 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. INSTALL⅜IN. STEEL SPAN WIRE, TRAFFIC SIGNAL HEADS, SIGNS, AND¼IN. 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 cataloge 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)

WORK AREA

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AL CABLE	—A——A—
CTRIC	—E——E—
EPHONE	—T——T—
	—G——G—
ER	—S——S—
ER	—W——W—
LE TV	—TV——TV—

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TAMPA,FLA-WEST PALM BEACH,FLA-RALEIGH,NC-ROCKVILLE,MD, GREENBELT, MD

REVISIONS				
C	June 1999			
Signal reconstruct due to geometric improvements				
B				
As-Built				
A	February 6, 1997			
Install split phase NB/SB Sweitzer Lane				
FJH		DD	BK	TH

APPROVALS
ORIGINAL
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
ON
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
FILE
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	SHEET NO.
CHECKED BY:	S. RENZI	S.H.A. NO.	855-16001		
SCALE:	1" = 20'	COUNTY:	Prince George's	T.I.M.S. NO.	55 OF 65
DATE:	AUGUST 22, 1985	LOG MILE:	16001980.67		