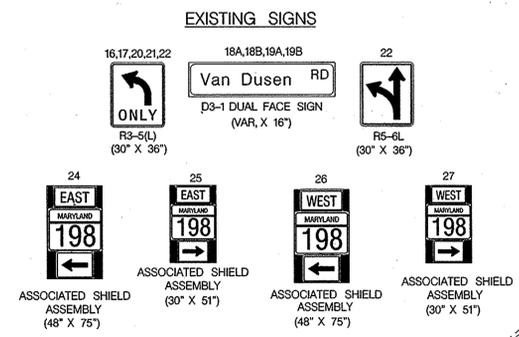
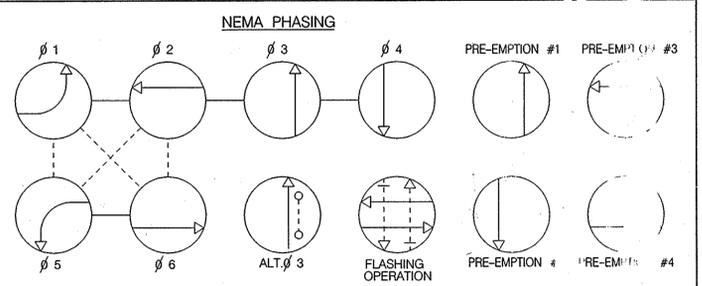
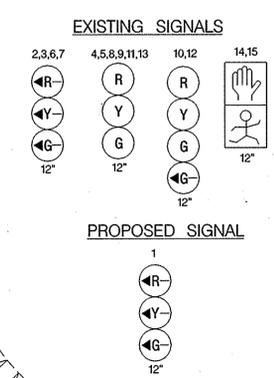


MD 198 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING OPTICOM DETECTOR EYE
A-D
←○→



VAN DUSEN ROAD



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

TO I-95

SHOULDER

MD 198 (SANDY SPRING ROAD)

MD 198 (SANDY SPRING ROAD)

TO MD 216

EXISTING UNDERGROUND 2" PVC CONDUIT TO 11th STREET

- CONSTRUCTION DETAILS**
- A. INSTALL SIGNAL HEAD ON EXISTING STRAIN POLE
 - B. USE EXISTING SPAN WIRE
 - C. USE EXISTING STRAIN POLE
 - D. USE EXISTING CONDUIT
 - E. USE EXISTING HANDHOLE
 - F. USE EXISTING BASE MOUNTED CABINET

- GENERAL NOTES**
1. INSTALL 7-CONDUCTOR ELECTRICAL CABLE FROM THE PROPOSED SIGNAL HEAD, ALONG THE SPAN WIRE, DOWN THE POLE, THROUGH THE EXISTING CONDUIT TO THE BASE MOUNTED CABINET.
 2. 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 CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
 3. EXISTING PHASING TO BE MAINTAINED.

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX (410) 923-6473 EMAIL: TRACONCEPT@AOL.COM

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

PROJECT DESCRIPTION
THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 198 AND VAN DUSEN ROAD IN PRINCE GEORGES COUNTY. MD 198 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION
THE INTERSECTION CURRENTLY OPERATES IN A SIX-PHASE, FULLY-ACTUATED MODE WITH EXCLUSIVE LEFT TURN PHASES FOR E.B. AND W.B. MD 198 AND SIDE STREET SPLIT PHASING. AN ALTERNATE PEDESTRIAN PHASE EXISTS ACROSS THE EAST LEG OF MD 198 AND EMERGENCY PRE-EMPTION PHASES EXIST FOR ALL APPROACHES. THIS PHASING WILL NOT CHANGE.

PROJECT CONSTRUCTION
WORK WILL INVOLVE INSTALLING AN EASTBOUND MD 198 NEARSIDE SIGNAL HEAD FOR THE LEFT TURN PHASE.

EQUIPMENT LIST "A"
A. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE SHA

QUANTITY	DESCRIPTION
3 EA	12 IN. VEHICLE SIGNAL HEAD SECTION
330 LF	FURNISH AND INSTALL 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

EQUIPMENT LIST "B"
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO COOTS FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

REVISIONS		APPROVALS	
1	INSTALL E.B. MD 198 NEARSIDE SIGNAL HEAD		
9-1-05	SHA SIGNAL SHOP		
TZ	DR. [Signature]		
G	INSTALL OPTICOM PRE-EMPTION		
11-15-04	SHA NO. AT6045185		
TZ			
F	INSTALLATION OF PEDESTRIAN SIGNAL		
06-2002	SHA NO. XX1065205		
J.Z.			
E	ASBUILT		
7-9-1998	SHA NO. PG1305177		
R.R.			

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 198 AND VAN DUSEN ROAD

DRAWN BY:	M. SCHNEIDER	F.A.P. NO.:	P-224X-375	TS NO.:	2421	SHEET NO.:	
CHECKED BY:		S.H.A. NO.:		COUNTY:	PRINCE GEORGES	T.I.M.S. NO.:	H 143
SCALE:	1" = 20'	LOG MILE:	16019802.19				
DATE:	6-18-1971						

VAN DUSEN ROAD