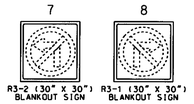
MD 22 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

VIDEO DETECTION ZONE

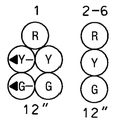
SPECIAL NOTES:

CONTRACTOR SHALL INSTALL MAST ARM POLE TO ENSURE BASE PLATE IS 18 INCHES ABOVE HIGH POINT OF ROADWAY.

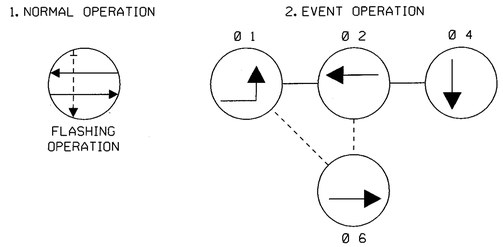
SIGNS



SIGNAL HEADS



NEMA PHASING

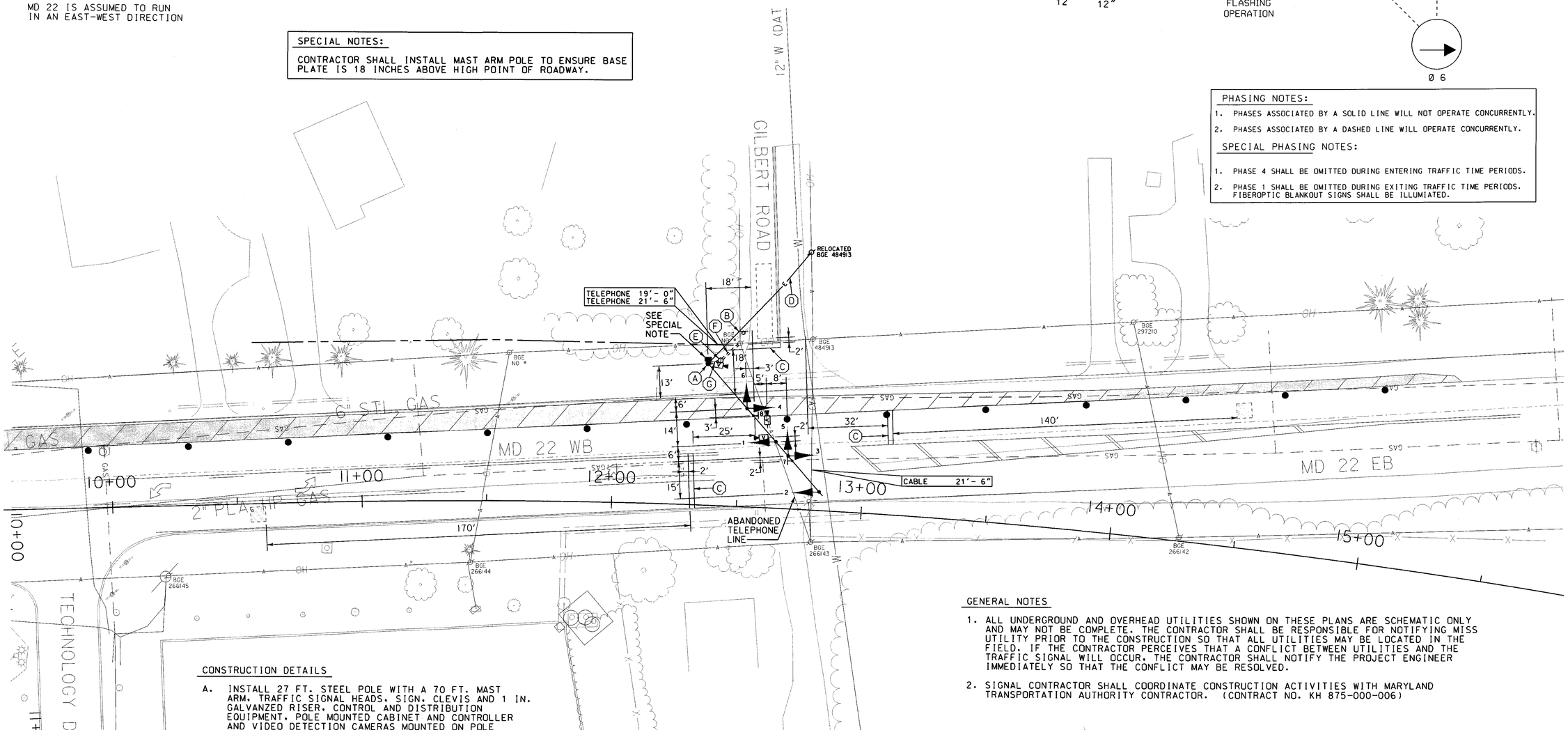


PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

SPECIAL PHASING NOTES:

1. PHASE 4 SHALL BE OMITTED DURING ENTERING TRAFFIC TIME PERIODS.
2. PHASE 1 SHALL BE OMITTED DURING EXITING TRAFFIC TIME PERIODS. FIBEROPTIC BLANKOUT SIGNS SHALL BE ILLUMIATED.



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGN, CLEVIS AND 1 IN. GALVANZED RISER, CONTROL AND DISTRIBUTION EQUIPMENT, POLE MOUNTED CABINET AND CONTROLLER AND VIDEO DETECTION CAMERAS MOUNTED ON POLE AND ON MAST ARM (CAMERAS ON STEEL POLE TO BE MOUNTED 20 FT. ABOVE GRADE . (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN POLE BASE).
B. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
C. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
D. PROPOSED OVERHEAD ELECTRICAL SERVICE.
E. INSTALL TELECOMMUNICATION PEDESTAL.
F. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY VERIZON FORCES.
G. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE.

GENERAL NOTES

1. 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 THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. SIGNAL CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH MARYLAND TRANSPORTATION AUTHORITY CONTRACTOR. (CONTRACT NO. KH 875-000-006)

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS		
A	REVISED POLE LOCATION REVISION NO. 1	5/06/02
SRB	NML	

APPROVALS — ORIGINAL ON FILE
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

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

TRAFFIC SIGNALIZATION PLAN
MD 22 AND GILBERT ROAD

DRAWN BY: S.BLOSS	F.A.P. NO.	IS NO. 4125-A	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO.		
SCALE: 1" = 20'	COUNTY: HARFORD	T.I.M.S. NO. F217	1 OF 5
DATE: 5/6/02	LOG MILE:		

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