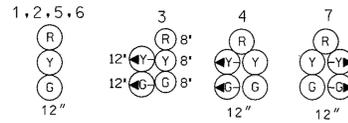


NOTE: MD 170 IS ASSUMED TO RUN IN A NORTH-SOUTH.

EXISTING SIGN

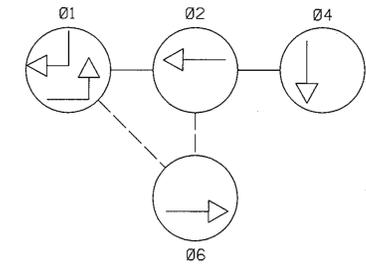


EXISTING SIGNALS

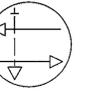


Opticom detector eye
Autoscope camera (Black-faced)

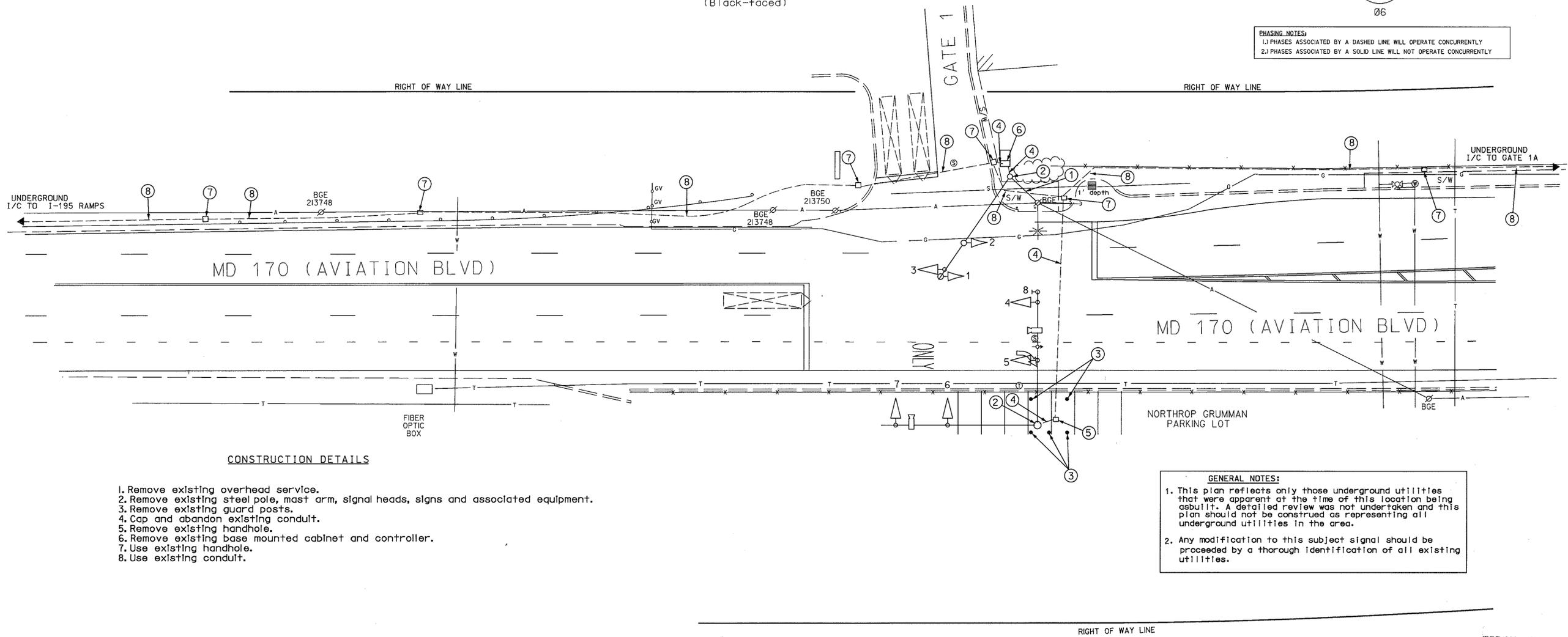
NEMA PHASING



FLASHING OPERATION



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



MD 170 (AVIATION BLVD)

MD 170 (AVIATION BLVD)

CONSTRUCTION DETAILS

1. Remove existing overhead service.
2. Remove existing steel pole, mast arm, signal heads, signs and associated equipment.
3. Remove existing guard posts.
4. Cap and abandon existing conduit.
5. Remove existing handhole.
6. Remove existing base mounted cabinet and controller.
7. Use existing handhole.
8. Use existing conduit.

GENERAL NOTES:
1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceded by a thorough identification of all existing utilities.

TOD NO: XX448-24
SHA NO: AA254A52
MD 170@GATE1 NORTHROP GRUMMAN

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 170 AND Gate 1 OF NORTHROP GRUMMAN
SIGNAL REMOVAL

SIGNALIZATION PLAN SHEET

SCALE 1"=20' ADVERTISED DATE _____ CONTRACT NO. AA293A521B52
DESIGNED BY _____ COUNTY MONTGOMERY
DRAWN BY EMM_SR LOGMILE 02017007.51
CHECKED BY EMM_SR TIMS NO. J433
F.A.P. NO. SEE TITLE SHEET TOD NO. _____
TS NO. 1025 D DRAWING 1- OF 3 SHEET NO. OF

APPROVALS	
TEAM LEADER	
ASSIST. DIV. CHIEF	
DIVISION ENGINEER	
OFFICE DIRECTOR	

REVISIONS	
①	12-01-2008 REMOVE EXISTING SIGNAL SHA NO. XX4485185 J433
②	05-10-02 MODIF. SIGNAL, REPLACE CABINET, ADD I/C AND SAMPLING SHA NO. XX1085185
B	12/1984 SIGNAL MODIFICATION DUE TO GEOMETRIC

BY: bitompson

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---

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

PLOTTED: Wednesday, December 10, 2008 at 12:03:54 PM
FILE: J433GP01.dgn