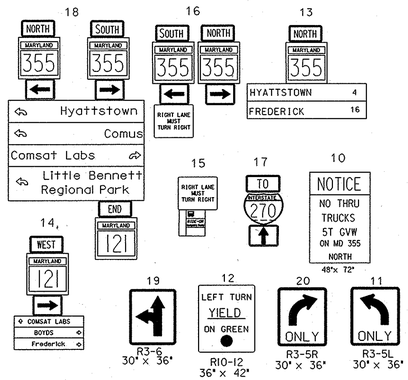
DRILL HOLES

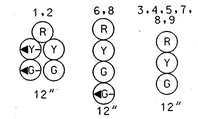
BORDER REV. DATE: June 1, 2004

MD 355 IS CONSIDERED TO RUN IN A NORTH – SOUTH DIRECTION

EXISTING SIGNS



EXISTING SIGNALS

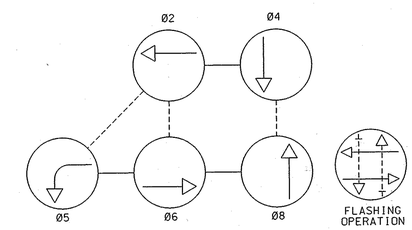


EXISTING CAMERAS

VIDEO DETECTION CAMERA

MONTGOMERY COUNTY SURVEILLANCE CAMERA

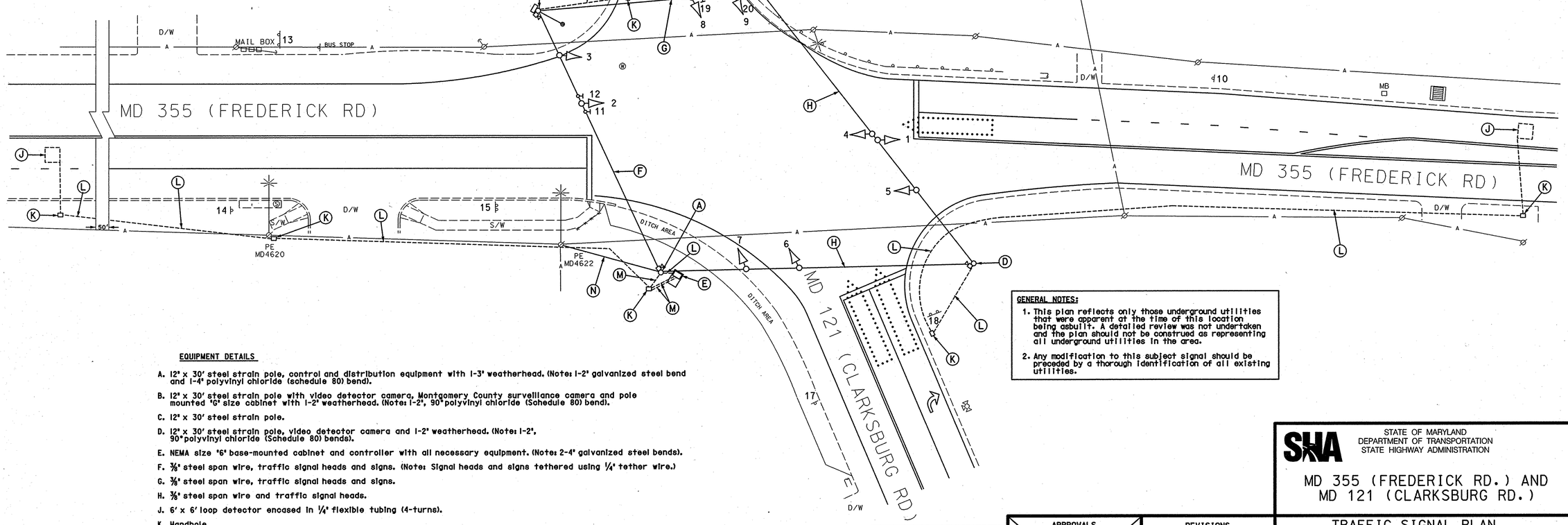
NEMA PHASING



PHASING NOTES:

1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

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



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 the 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.

EQUIPMENT DETAILS

A. 12" x 30' steel strain pole, control and distribution equipment with 1-3" weatherhead. (Note: 1-2" galvanized steel bend and 1-4" polyvinyl chloride (schedule 80) bend).

B. 12" x 30' steel strain pole with video detector camera, Montgomery County surveillance camera and pole mounted "G" size cabinet with 1-2" weatherhead. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend).

C. 12" x 30' steel strain pole.

D. 12" x 30' steel strain pole, video detector camera and 1-2" weatherhead. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bends).

E. NEMA size "6" base-mounted cabinet and controller with all necessary equipment. (Note: 2-4" galvanized steel bends).

F. 3/8" steel span wire, traffic signal heads and signs. (Note: Signal heads and signs tethered using 1/4" tether wire.)

G. 3/8" steel span wire, traffic signal heads and signs.

H. 3/8" steel span wire and traffic signal heads.

J. 6' x 6' loop detector encased in 1/4" flexible tubing (4-turns).

K. Handhole.

L. 2" polyvinyl chloride electrical conduit.

M. 4" polyvinyl chloride electrical conduit.

N. Existing overhead electrical service maintained by Allegheny Power Co.

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—

"ASBUILT"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6537

5229.DGN (T-74)

APPROVALS
TEAM LEADER
ASST. DIV.
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS					
B1	10-10-08				ASBUILT
RRZ					
B	REPLACE LOOP DETECTION WITH VIDEO CAMERAS				10/2004
CJ	SR	DAZ		ETP	TH
A	REPLACE I.C.B WITH FULL SIGNAL				12/31/90

PLOTTED: $DATETIME$
FILE: $FILE$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 355 (FREDERICK RD.) AND MD 121 (CLARKSBURG RD.)

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE _____ CONTRACT NO. _____

DESIGNED BY R.R.Z. COUNTY MONTGOMERY

DRAWN BY C. JEDNORSKI 12/90 LOGMILE 15035523.07

CHECKED BY _____ TIMS NO. G583

F.A.P. NO. _____ TOD NO. _____

TS NO. 1560B1 | DRAWING NO. 1 OF 1 | SHEET NO. OF

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