MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

23 Middlebrook Rd <11300>
33 Frederick Rd <19800>
31 Middlebrook Rd 11300> — D-3(1) (DUAL FACED) (VARIABLE x 16")
41 Frederick Rd 19800> — D-3(1) (DUAL FACED) (VARIABLE x 16")
26 Middlebrook Rd <11300
36 Frederick Rd <19800
28 Middlebrook Rd 11300> — D-3(1) (DUAL FACED) (VARIABLE x 16")
38 Frederick Rd 19800> — D-3(1) (DUAL FACED) (VARIABLE x 16")

24,25,30, 35,40 — ONLY — R3-5L (30" X 36")
27,32 — ONLY — R3-5R (30" X 36")
37 — R3-6L (30" X 36")
34,39 — R4-7 (24" X 30")

EXISTING SIGNAL HEAD TO BE REMOVED: 15A,16A — 12"

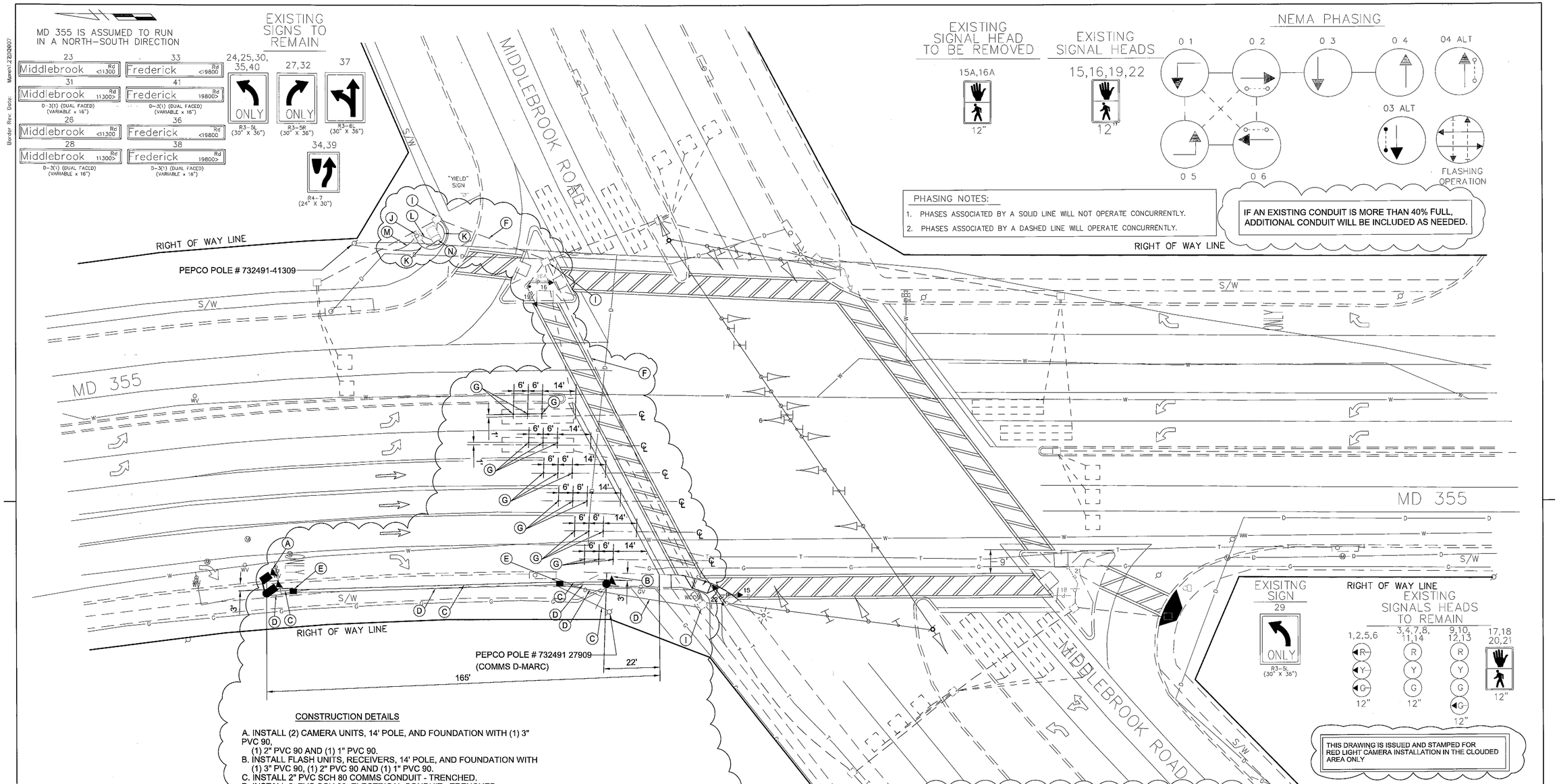
EXISTING SIGNAL HEADS: 15,16,19,22 — 12"

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.

IF AN EXISTING CONDUIT IS MORE THAN 40% FULL, ADDITIONAL CONDUIT WILL BE INCLUDED AS NEEDED.



EXISITNG SIGN 29 — ONLY — R3-5L (30" X 36")

RIGHT OF WAY LINE

EXISTING SIGNALS HEADS TO REMAIN

1,2,5,6	3,4,7,8, 11,14	9,10, 12,13	17,18 20,21
R Y G	R Y G	R Y G	
12"	12"	12"	12"

THIS DRAWING IS ISSUED AND STAMPED FOR RED LIGHT CAMERA INSTALLATION IN THE CLOUDED AREA ONLY

CONSTRUCTION DETAILS

A. INSTALL (2) CAMERA UNITS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90,
(1) 2" PVC 90 AND (1) 1" PVC 90.
B. INSTALL FLASH UNITS, RECEIVERS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
C. INSTALL 2" PVC SCH 80 COMMS CONDUIT - TRENCHED.
D. INSTALL 2: PVC SCH 80 ELECTRICAL CONDUIT - TRENCHED.
E. INSTALL #5 PULLBOX.
F. USE EXISTING CONDUIT.
G. INSTALL SENSYS SENSOR CUBE.
H. INSTALL 2" PVC SCH. 80 COMMS CONDUIT - BORED (NOT USED)
I. USE EXISTING HAND HOLE
J. INSTALL METERED SERVICE PEDESTAL AS SHOWN
K. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT TRENCHED INTO EXISTING HANDHOLE.
L. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT TRENCHED INTO EXISTING CABINET BASE.
M. LOCATE EXISTING UNDERGROUND ELECTRICAL SERVICE CONDUIT PULL BACK EXISTING CABLES AND CUT CONDUIT, ATTACH PROPOSED 2" PVC (SCHEDULE 80) CONDUIT AND ROUTE TO SERVICE PEDESTAL. THIS IS TO BE COMPLETED AS A "WORK WITH" WITH PEPCO AND USING MONTGOMERY COUNTY POLICE FOR TRAFFIC CONTROL DURING THE CHANGE OVER.
N. REMOVE EXISTING ELECTRICAL SERVICE EQUIPMENT FROM EXISTING BASE MOUNTED CABINET. LOCATE EXISTING CONDUIT ENTERING CABINET, CUT AND ATTACH PROPOSED 2" PVC CONDUIT FOR SERVICE.

BW313M83
MD 355 @ Middlebrook Road

POWER METER PEDESTALS ARE TO BE PROVIDED BY THE SUBCONTRACTOR PER THE SPECIFICATIONS PROVIDED BY THE D.O.T. AND MEET THE REQUIREMENTS PER THE LOCAL CODE

NOTE:
CONTRACTOR SHALL INSTALL JET LINE IN NEW COMMS CONDUIT FOR PULLING OF FUTURE CABLE

SPECIAL NOTE:
CONTRACTOR SHALL TEST PIT TO VERIFY LOCATION OF EXISTING CONDUIT AND UTILITY RUNS THAT WILL BE IN CLOSE PROXIMITY TO NEW EQUIPMENT INSTALLATIONS.

ACS
A xerox Company
12410 MILESTONE CENTER DR. 4TH FLOOR
GERMANTOWN, MD 20876

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

MD 355 (FREDERICK RD.) SB AND MIDDLEBROOK RD.

APPROVALS	
TEAM LEADER	O'Reilly-A4
ASST. DIV. CHIEF	BN
DIVISION CHIEF	File
OFFICE DIRECTOR	

STATE OF MARYLAND — 23 — PROFESSIONAL ENGINEER
5-31-12

REVISIONS					
H	RED LIGHT CAMERA INSTALLATION TIMS # L345				04/30/12
	JBS		RDB		
G	Install APS/CRS + ADA RAMPS ON ALL LEGS SHA XX4395165		TIMS # K911		1/20/2012
STV	MF	DBD	RDB	MLP	DBA JAH
F	Replace Loop Detection with Video TIMS # 391				06/2005
JWA	JAH	DAE	DAE		

PLOTTED: $DATETIME$
FILE: $FILE$

SCALE 1"=20' ADVERTISED DATE 12/28/96 CONTRACT NO.

DESIGNED BY G. E Cook — COUNTY Montgomery
DRAWN BY G. E Cook — LOGMILE 150.35518.02
CHECKED BY D. A Dotz — TIMS NO.
F.A.P. NO. — TOD NO.

DRAWING NO. TS2283 H OF — SHEET NO. 1 OF 2

Note: This Plan was not made with the latest Geometrics see Revision "G" for proper ADA Ramps & signals

DRILL HOLES
DRILL HOLES
DRILL HOLES

BY: $USERNAME$
Border Rev. Date: March 22, 2007
5/2/2012 12:48:34 PM