MD 115 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

34b — Airpark ###> RD
34a — Airpark ### RD
D-3(1) (DUAL FACED) (VARIABLE x 16")
37a,37b,39a,39b — Muncaster Mill ### RD
D-3(1) (DUAL FACED) (VARIABLE x 16")
38a — Shady Grove ### RD
38b — Shady Grove ### RD
D-3(1) (DUAL FACED) (VARIABLE x 16")
40 — EAST MARYLAND 115
42 — WEST MARYLAND 115
ASSOCIATED SHIELD ASSEMBLY (30" X 51")
43 — EAST MARYLAND 115
41 — WEST MARYLAND 115
ASSOCIATED SHIELD ASSEMBLY (48" X 75")

29,32,33 — ONLY, R3-5L (30" X 36")
30,35 — ONLY, R3-5R (30" X 36")
36 — R3-1 FIBER OPTIC (30" X 30")
31 — DO NOT BLOCK INTERSECTION, R10-7 (24 x 30")

EXISTING SIGNS TO BE REMOVED

40,46 — LEFT TURN YIELD ON GREEN, R10-12 (36" X 42")

PROPOSED SIGNALS

1,2 — 12"
8,9,10,13,14,19,20 — 12"
6,7,11,12,15,17,18,21,22 — 12"
3,16 — 12"
4,5 — 12"
23-28 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

EXISTING SIGNALS

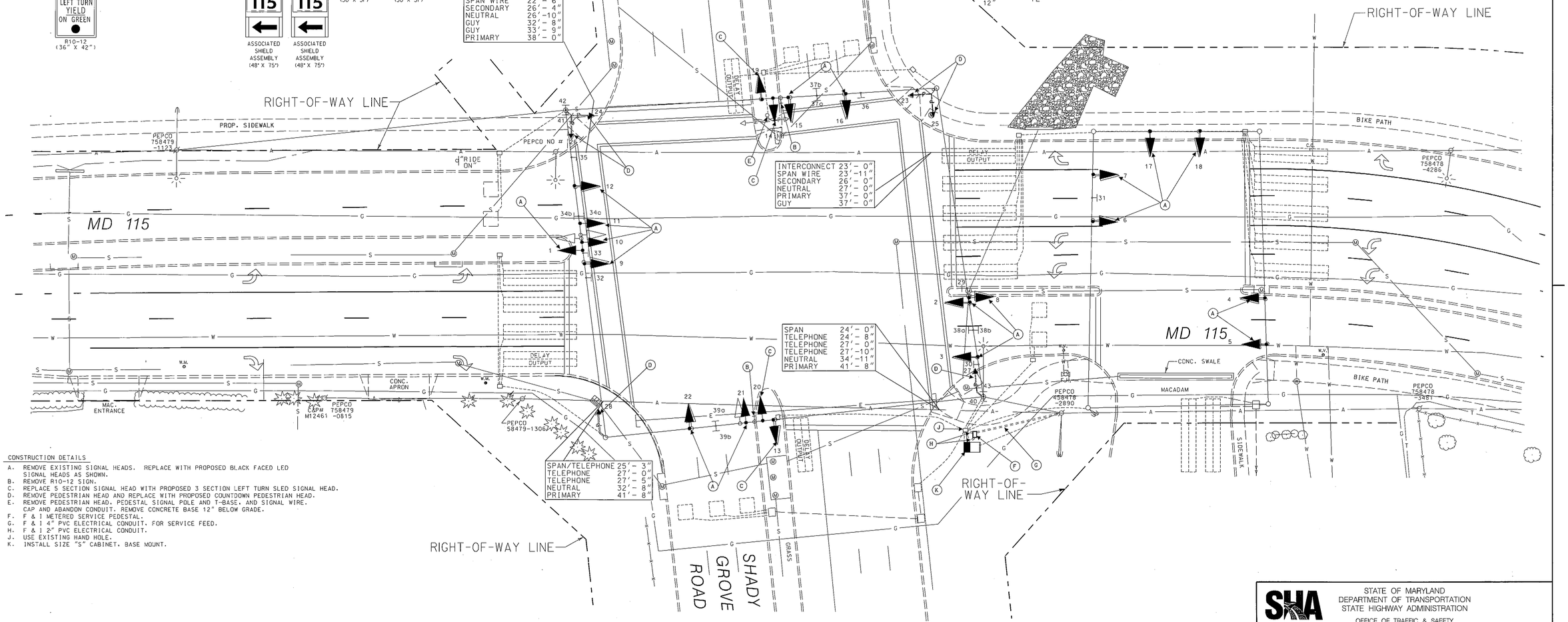
12" 12" 12" 12" 12"

NEMA PHASING

Ø 1 Ø 2 Ø 3 Ø 4 Ø 4 ALT
Ø 5 Ø 6
FLASHING OPERATION
FIREHOUSE PRE-EMPTION

PHASING NOTES:

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



CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEADS. REPLACE WITH PROPOSED BLACK FACED LED SIGNAL HEADS AS SHOWN.
B. REMOVE R10-12 SIGN.
C. REPLACE S SECTION SIGNAL HEAD WITH PROPOSED 3 SECTION LEFT TURN SLED SIGNAL HEAD.
D. REMOVE PEDESTRIAN HEAD AND REPLACE WITH PROPOSED COUNTDOWN PEDESTRIAN HEAD.
E. REMOVE PEDESTRIAN HEAD, PEDESTAL SIGNAL POLE AND T-BASE, AND SIGNAL WIRE. CAP AND ABANDON CONDUIT. REMOVE CONCRETE BASE 12" BELOW GRADE.
F. F & I METERED SERVICE PEDESTAL.
G. F & I 4" PVC ELECTRICAL CONDUIT. FOR SERVICE FEED.
H. F & I 2" PVC ELECTRICAL CONDUIT.
J. USE EXISTING HAND HOLE.
K. INSTALL SIZE "S" CABINET, BASE MOUNT.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

BY: fanuszewski

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

MD 115 & SHADY GROVE RD /AIRPARK RD

SIGNALIZATION PLAN

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	(B) MODIFY NORTH & SOUTH E/P LEFT TURNS TO EXCLUSIVE LEFT TURN XX3545168 05/2011
OFFICE DIRECTOR	FJA (B) MODIFY TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS 11-99
ORIGINAL ON FILE	NML

SCALE ____ ADVERTISED DATE 11/99 CONTRACT NO. ____

DESIGNED BY T.E.L.
DRAWN BY A.S.R.
CHECKED BY ____
F.A.P. NO. ____
COUNTY MONTGOMERY
LOGMILE 15011501.03
TIMS NO. ____
TOD NO. ____

TS NO. 4789 B | DRAWING -- OF | SHEET NO. 01 OF 02

PLOTTED: Thursday, May 05, 2011 at 8:09:36 AM
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