MD 58 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGN TO BE REMOVED

12A — LEFT TURN YIELD ON GREEN — R10-12 (30"x36")

EXISTING SIGNS TO REMAIN

10 — Broadfording RD

11 — Broadfording RD — D-3(1) DUAL FACED (VAR.x16")

13 — Broadfording RD — D-3(1) (VAR.x16")

12 — U-TURN YIELD TO RIGHT TURN — R10-16 (24"x30")

14 — Salem Ave WEST MARYLAND 58 EAST — M1-5(4) (78"x36")

15 — TO VIRGINIA 81 — SHIELD ASSEMBLY (48"x75")

PROPOSED SIGN

16 — Salem Ave EAST MARYLAND 58 WEST — M1-5(4) (78"x36")

PROPOSED VIDEO DETECTION CAMERA

c

VIDEO ZONE DETECTION

a

EXISTING VIDEO DETECTION CAMERA

a,b

EXISTING OPTICOM DETECTOR EYE

d

PROPOSED SIGNALS

8,9 — R Y G — 12"

EXISTING SIGNALS

1,2,5,6 — R Y G — 12"

3 — 12"/8"

4 — 12"

7 — 12"

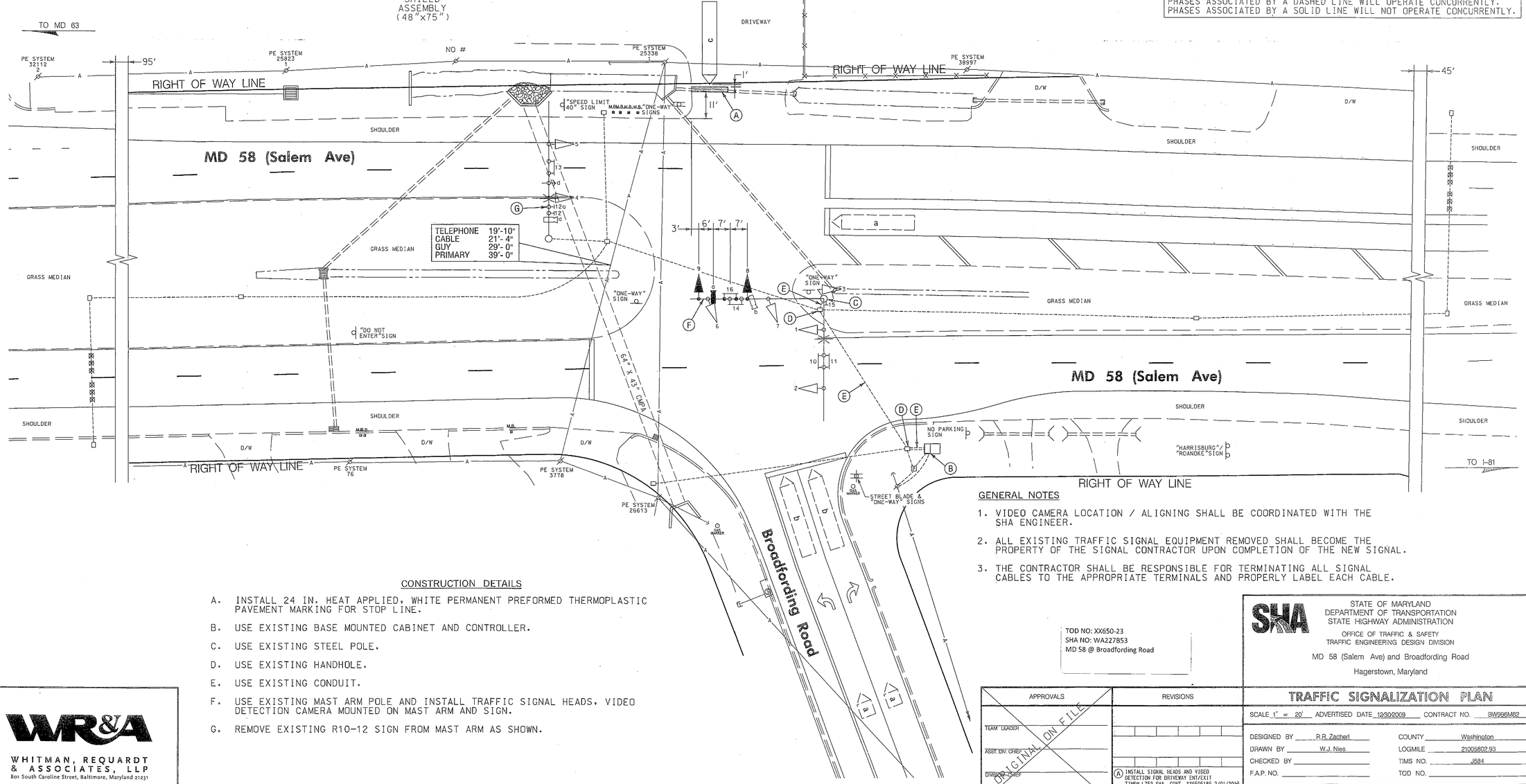
NEMA PHASING

Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

EMERGENCY PRE-EMPTION 1

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

CONSTRUCTION DETAILS

A. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
B. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
C. USE EXISTING STEEL POLE.
D. USE EXISTING HANDHOLE.
E. USE EXISTING CONDUIT.
F. USE EXISTING MAST ARM POLE AND INSTALL TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM AND SIGN.
G. REMOVE EXISTING R10-12 SIGN FROM MAST ARM AS SHOWN.

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

BY: sbloss

TOD NO: XX650-23
SHA NO: WA227B53
MD 58 @ Broadfording Road

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

MD 58 (Salem Ave) and Broadfording Road
Hagerstown, Maryland

APPROVALS: TEAM LEADER / ASST. DIV. CHIEF / DIVISION CHIEF / OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS

A INSTALL SIGNAL HEADS AND VIDEO DETECTION FOR DRIVEWAY ENT/EXIT TIMS# LTS2 SHA. CONT. XX6505183 2/01/2013 SRB NML

PLOTTED: February 01, 2013
FILE: N:\31669-260\CADD\pSG-P001_md58.dgn

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 12/3/2009 CONTRACT NO. BW996M82

DESIGNED BY R.R. Zacherl — COUNTY Washington
DRAWN BY W.J. Nies — LOGMILE 21005802.93
CHECKED BY — TIMS NO. J584
F.A.P. NO. — TOD NO.

TS NO. 4737A | DRAWING TSP-1 OF 2 | SHEET NO. 1 OF 2