US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

15,17,18,20 — Joppa RD

16,19 — LEFT TURN YIELD ON FLASHING RED ARROW AFTER STOP

23,26 — ONLY

21 — EAST MARYLAND 40

22 — WEST MARYLAND 40

24 — WEST MARYLAND 40

25 — EAST MARYLAND 40

PROPOSED OPTICOM DETECTOR EYE

e

EXISTING VIDEO DETECTION CAMERA

a,b,c,d

VIDEO ZONE DETECTION

a

EXISTING SIGNALS

1,2,5,6 — R, Y, G — 12"

3,4,7-14 — R, Y, G — 12"

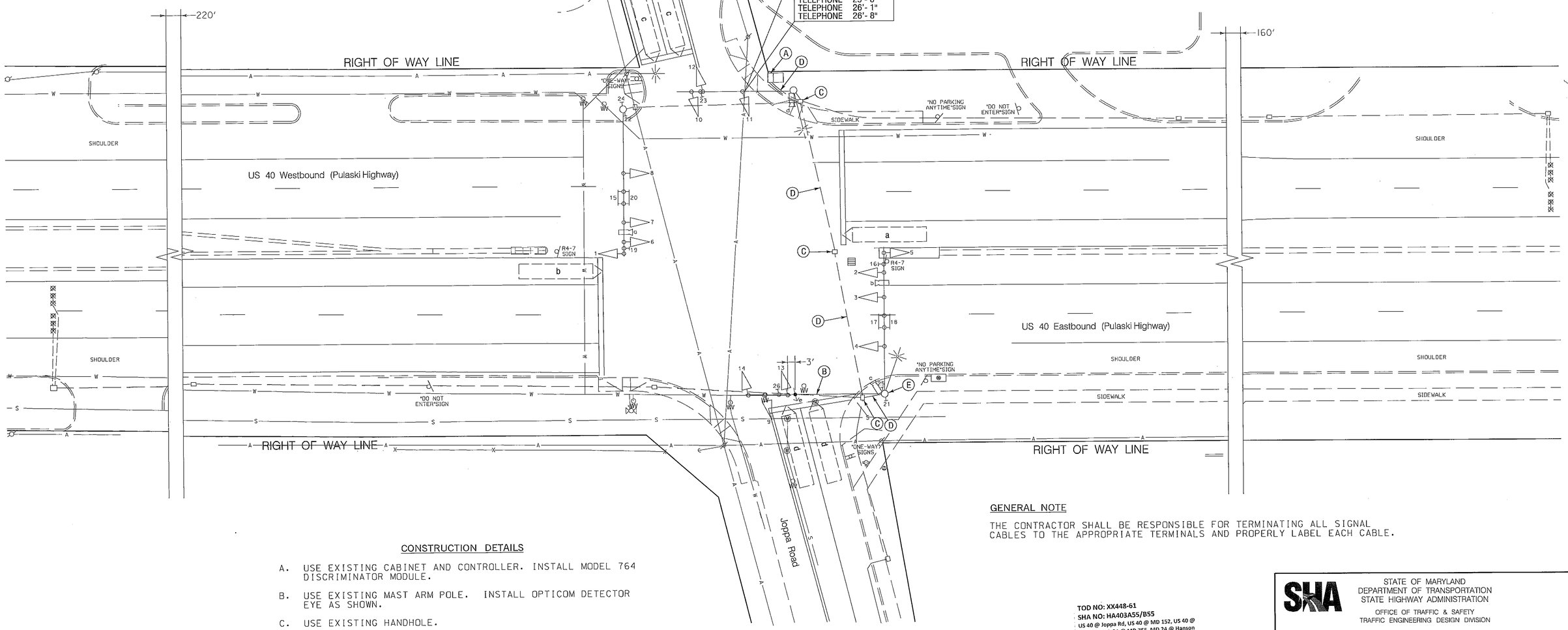
NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

EMERGENCY PRE-EMPTION

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



GENERAL NOTE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

CONSTRUCTION DETAILS

A. USE EXISTING CABINET AND CONTROLLER. INSTALL MODEL 764 DISCRIMINATOR MODULE.

B. USE EXISTING MAST ARM POLE. INSTALL OPTICOM DETECTOR EYE AS SHOWN.

C. USE EXISTING HANDHOLE.

D. USE EXISTING CONDUIT.

E. USE EXISTING STEEL POLE.

TOD NO: XX448-61
SHA NO: HA403A55/B55
US 40 @ Joppa Rd, US 40 @ MD 152, US 40 @ MD 755, MD 24 @ MD 755, MD 24 @ Hanson Rd, MD 152 @ MD 7

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

US 40 (Pulaski Highway) and Joppa Road
Joppa, Maryland

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 4/7/1998 CONTRACT NO. AW-278-8185

DESIGNED BY S. Bloss COUNTY Harford
DRAWN BY S. Bloss LOGMILE 12004001.13
CHECKED BY N. Leary TIMS NO. K314
F.A.P. NO. TOD NO.

TS NO. 3727E DRAWING TSP-1 OF 8 SHEET NO. 1 OF 8

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

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

REVISIONS
(E) ADDED OPTICOM DETECTION ON NORTHBOUND JOPPA RD. TIMS# K314 SHA. NO. XX4485185 10/20/2010
(D) CHANGE EB & WB E.P. TO EXCLUSIVE DONE BY SIGNAL SHOP TIMS# H804 09/29/2006
(C) REPLACED DETECTION DUE TO WIDENING. TIMS# E556 SHA NO. HA2285177 08/16/2002

JWA	JB	DJD	TH
MR 12	DJD	DAZ	BRK

PLOTTED: 10-20-2010
FILE: N:\31689-058\CADD\pSG-P001_K314.dgn

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

BY: sbloss