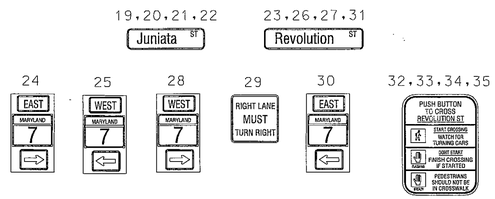
N

MD 7A IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS



EXISTING VIDEO DETECTION CAMERA

a,b,c

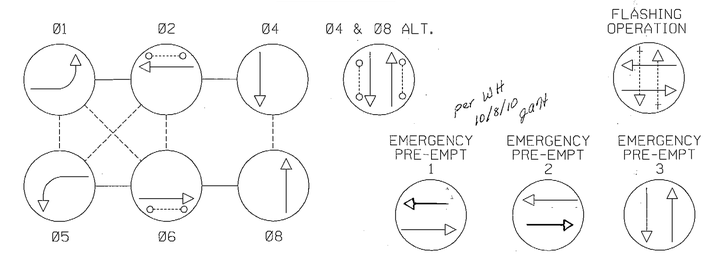
VIDEO ZONE DETECTION

a

PROPOSED OPTICOM DETECTOR EYE

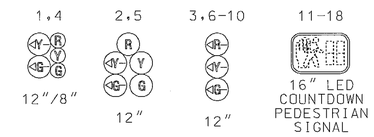
d,e,f,g

NEMA PHASING



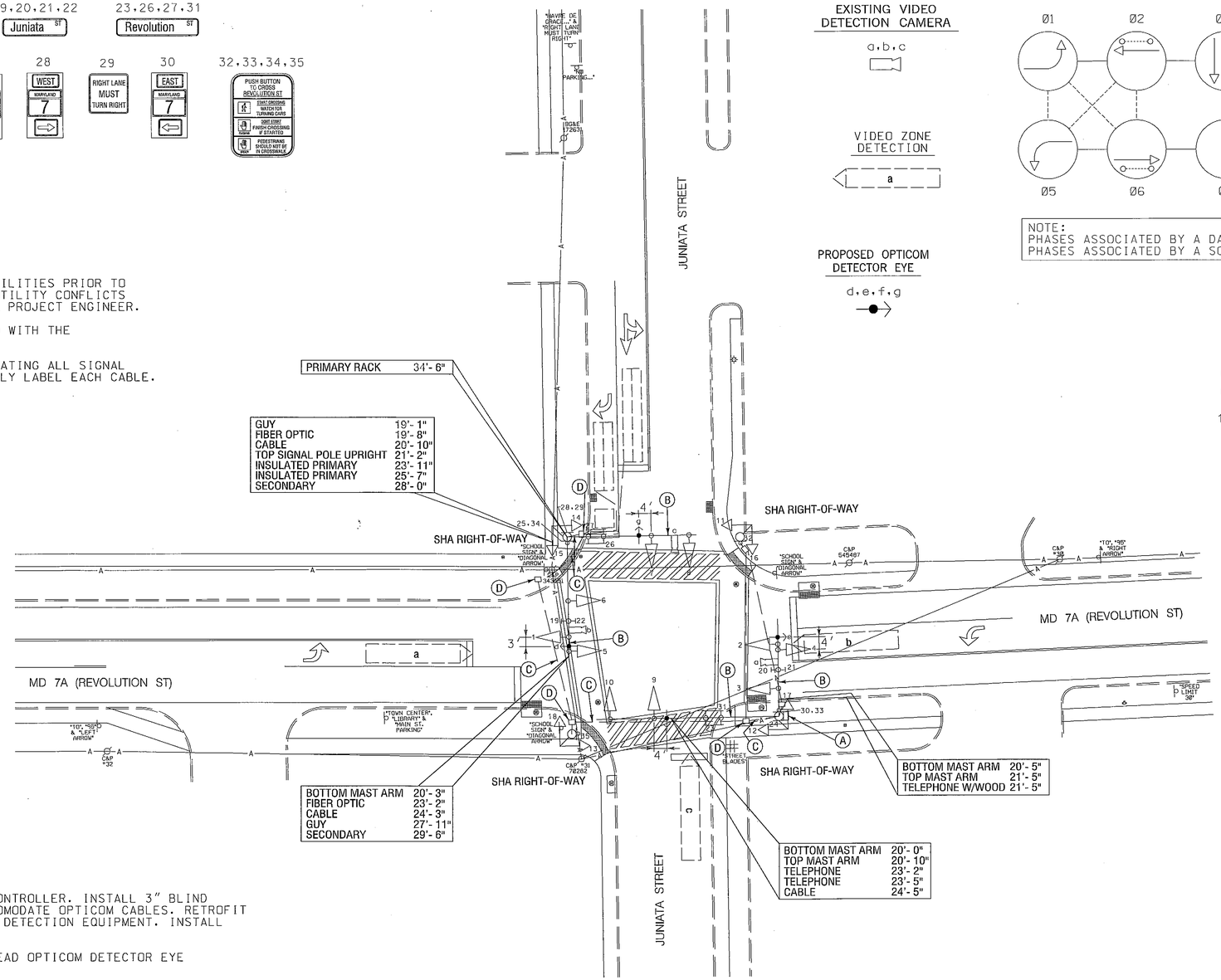
NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNALS



GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. OPTICOM LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.



CONSTRUCTION DETAILS

A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. INSTALL 3" BLIND COUPLING IN POLE MOUNTED CABINET TO ACCOMODATE OPTICOM CABLES. RETROFIT CONTROLLER EQUIPMENT TO OPERATE OPTICOM DETECTION EQUIPMENT. INSTALL DISCRIMINATOR MODULE.

B. USE EXISTING MAST ARM AND INSTALL OVERHEAD OPTICOM DETECTOR EYE MOUNTED ON MAST ARM AS SHOWN.

C. USE EXISTING CONDUIT.

D. USE EXISTING HANDHOLE.

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

BY: Iwaesche

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

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

C INSTALL OPTICOM ON ALL LEGS. SHA CONTRACT NO. XX385185 TIMS #K098 09/20/2010
FH NJE

B ADD E/P LEFT TURN PHASING FOR MD 7A TIMS # H193 SHA NO.: AT7825185 10/07/2005
JWA MK DJD WH TH

A RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES 10/05/1993 SHA NO.: H-941-201-483
RRZ ERS DSD. D.G.E. E.T.P. T.H.

PLOTTED: 09-20-2010
FILE: n:\31669-060\cadd\pSG-P001_K098_Revolution.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 7A (REVOLUTION STREET) AND JUNIATA STREET

HAVRE DE GRACE, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 12/01/1973 CONTRACT NO.

DESIGNED BY S.H.A.
DRAWN BY S.H.A.
CHECKED BY S.H.A.
F.A.P. NO.

COUNTY Harford
LOGMILE 12A00701.16
TIMS NO. K098
TOD NO.

TS NO. 1079C | DRAWING TSP-1 OF 4 | SHEET NO. 1 OF 4