N

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

EXISTING SIGNS

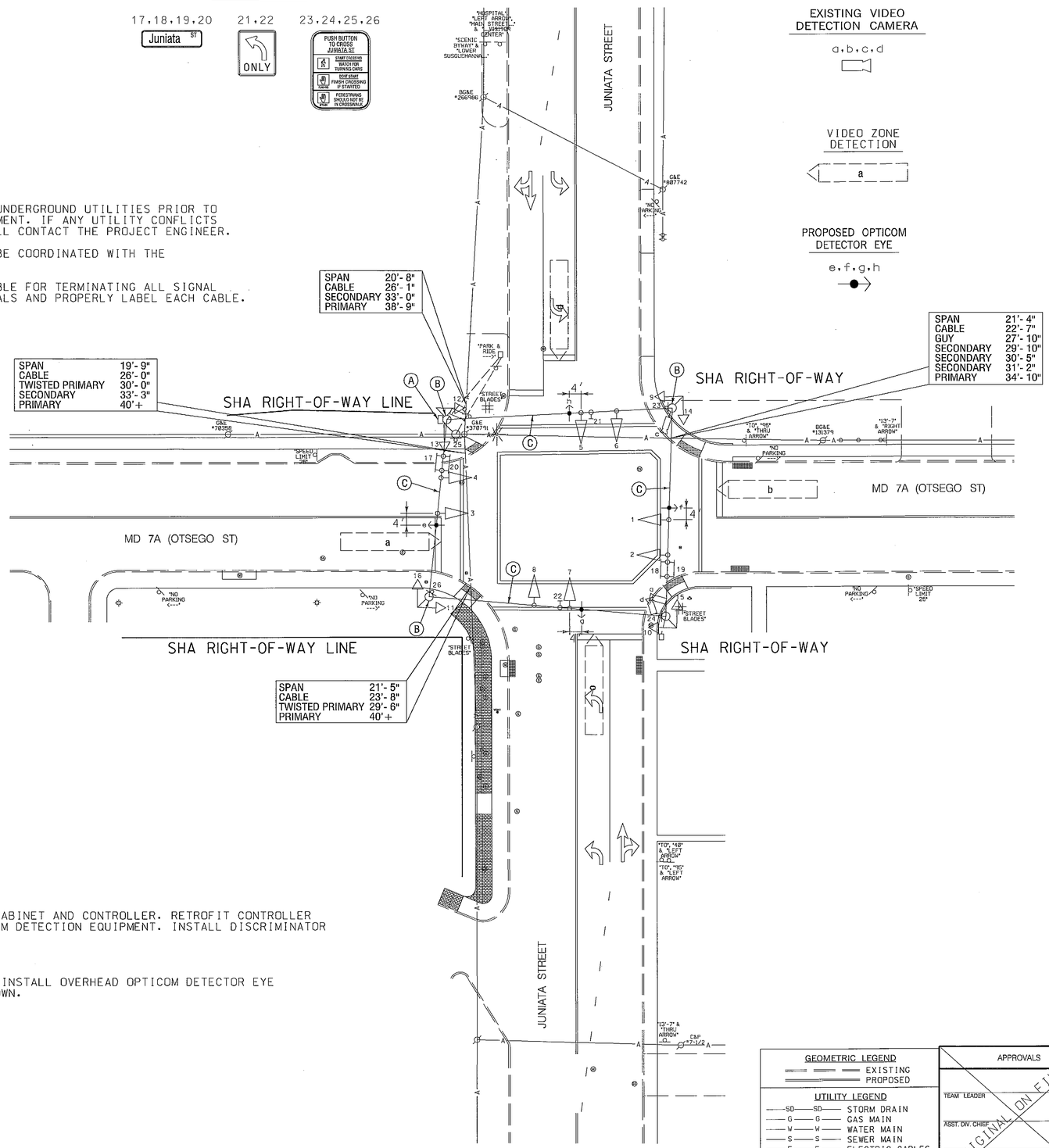
17,18,19,20 — Juniata ST

21,22 — ONLY

23,24,25,26 — PUSH BUTTON TO CROSS JUNIATA ST; START CROSSING WATCH FOR TURNING CARS; DONE START FINISH CROSSING IF STARTED; PEDESTRIANS SHOULD NOT BE IN CROSSWALK

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.



EXISTING VIDEO DETECTION CAMERA

a,b,c,d

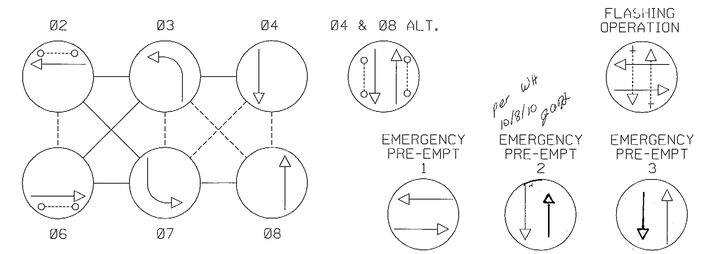
VIDEO ZONE DETECTION

a

PROPOSED OPTICOM DETECTOR EYE

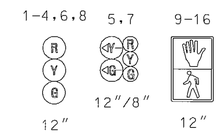
e,f,g,h

NEMA PHASING



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

EXISTING SIGNALS



CONSTRUCTION DETAILS

A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. RETROFIT CONTROLLER EQUIPMENT TO OPERATE OPTICOM DETECTION EQUIPMENT. INSTALL DISCRIMINATOR MODULE.

B. USE EXISTING STRAIN POLE.

C. USE EXISTING SPAN WIRE AND INSTALL OVERHEAD OPTICOM DETECTOR EYE MOUNTED ON SPAN WIRE AS SHOWN.

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

D. INSTALL OPTICOM ON ALL LEGS. SHA CONTRACT NO. XX3325105 TIMS #K098 09/20/2010
LFW NML

C. INSTALL EXCLUSIVE/PERMISSIVE LEFT TURNS FOR JUNIATA STREET SHA NO.:SF-SIGNAL TIMS#UJ775 11/2009
WM DJD RB WH TH

B. INSTALL PED. SIGNAL & PHASING ALL APPROACHES;ADD VIDEO DETECTION; REVISED BIORETENSION FACILITY SHA NO.:IH2465108 TIMS#F469 06/2003
RKK DBD DJD DAE BRK

PLOTTED: 09-20-2010
FILE: n:\31669-066\cadd\pSG-P002_K098_Otsego.dgn

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

MD 7A (OTSEGO STREET) AND JUNIATA STREET
HAVRE DE GRACE, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 08/21/1975 CONTRACT NO.

DESIGNED BY S.H.A. COUNTY Harford
DRAWN BY S.H.A. LOGMILE 120007A02.40
CHECKED BY S.H.A. TIMS NO. K098
F.A.P. NO. TOD NO.

TS NO. 1084C DRAWING TSP-2 OF 4 SHEET NO. 2 OF 4

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

BY: lwaesche