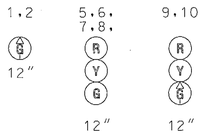
WINSTON ST IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

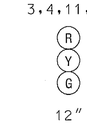
EXISTING SIGN TO REMAIN

EXISTING SIGNS TO BE REMOVED

EXISTING SIGNALS TO REMAIN

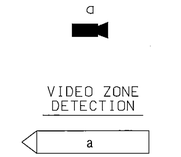


PROPOSED SIGNALS

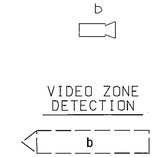


PROPOSED SIGN

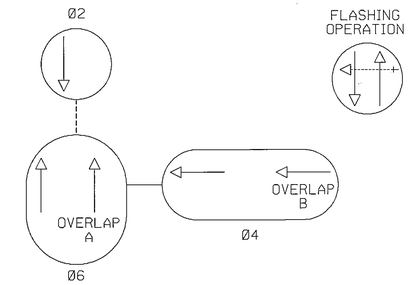
PROPOSED VIDEO DETECTION CAMERA



EXISTING VIDEO DETECTION CAMERA



NEMA PHASING



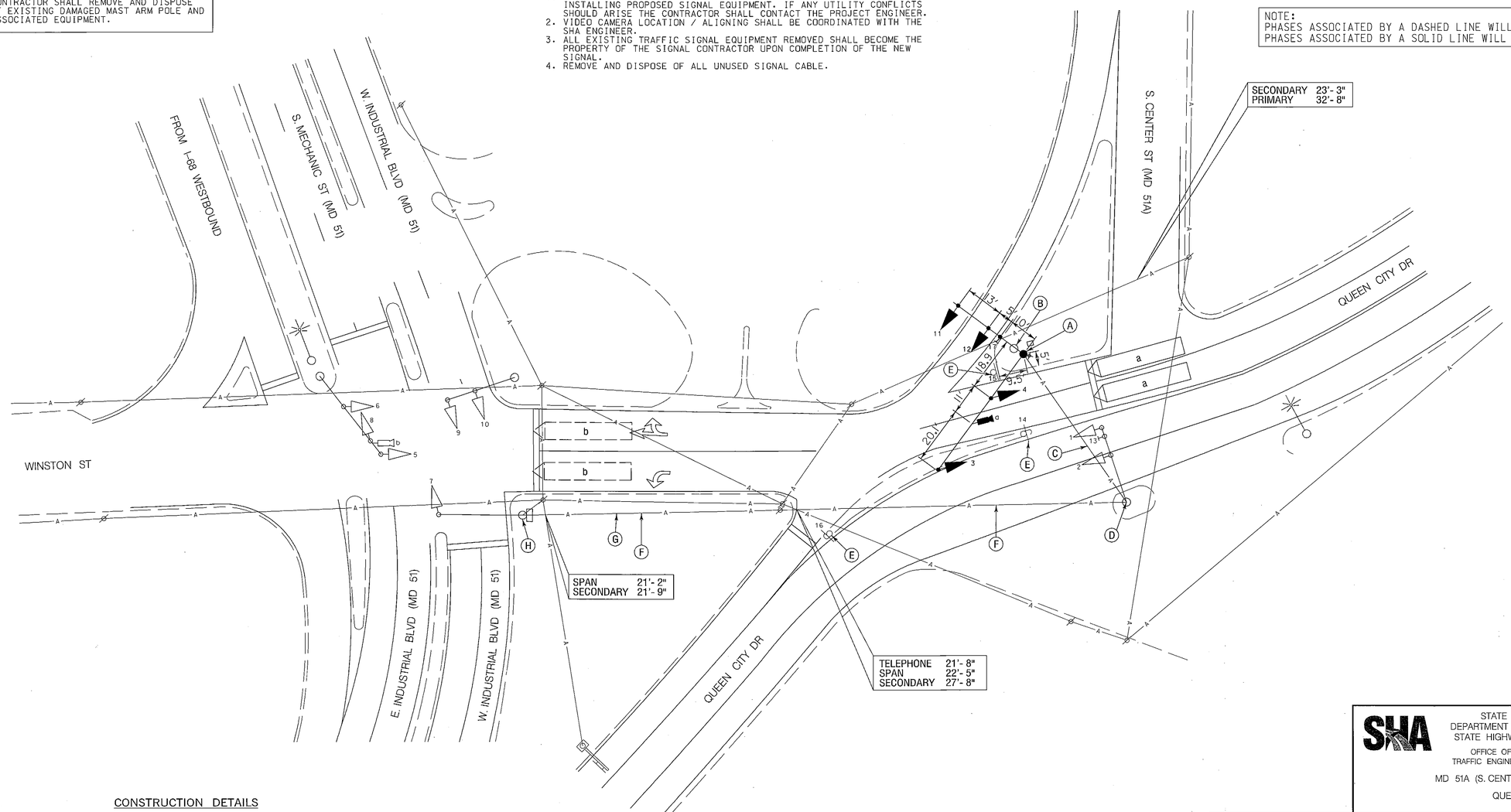
SPECIAL NOTE:

CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING DAMAGED MAST ARM POLE AND ASSOCIATED EQUIPMENT.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL OVERHEAD UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

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



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

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 21 FT. STEEL POLE WITH 50 FT./30 FT. TWIN MAST ARM, TRAFFIC SIGNAL HEADS/VIDEO DETECTION CAMERA/SIGN MOUNTED ON MAST ARM AND 3 IN. WEATHERHEAD. INSTALL GROUND ROD IN POLE BASE (INSTALL 1-4 SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND IN POLE BASE).
B. REMOVE EXISTING CONCRETE FOUNDATION 12 IN. BELOW GRADE PRIOR TO INSTALLATION OF PROPOSED FOUNDATION.
C. INSTALL 1/4 IN. STEEL SPAN WIRE FOR SIGNAL CABLES AND VIDEO DETECTION CABLES.
D. USE EXISTING MAST ARM POLE.
E. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
F. USE EXISTING SPAN WIRE.
G. LOWER EXISTING SPAN WIRE TO AVOID CONFLICT WITH EXISTING OVERHEAD SECONDARY LINES.
H. USE EXISTING MAST ARM POLE AND POLE MOUNTED CABINET.

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

BY: lwaesche

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

(A) REPLACE DAMAGED MAST ARM POLE SHA. CONTRACT NO. OT2010 TIMS #K394 03/26/2010
LFW NML CJS RB

PLOTTED: 03-29-2010
FILE: n:\31669-064\cadd\pSG-P001_MD51A.dgn

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

MD 51A (S. CENTRE ST) @ WINSTON ST/ QUEEN CITY DR

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 03/26/2010 CONTRACT NO. OT2010

DESIGNED BY
DRAWN BY
CHECKED BY
F.A.P. NO.
COUNTY ALLEGANY
LOGMILE 00.040
TIMS NO. K394
TOD NO.

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