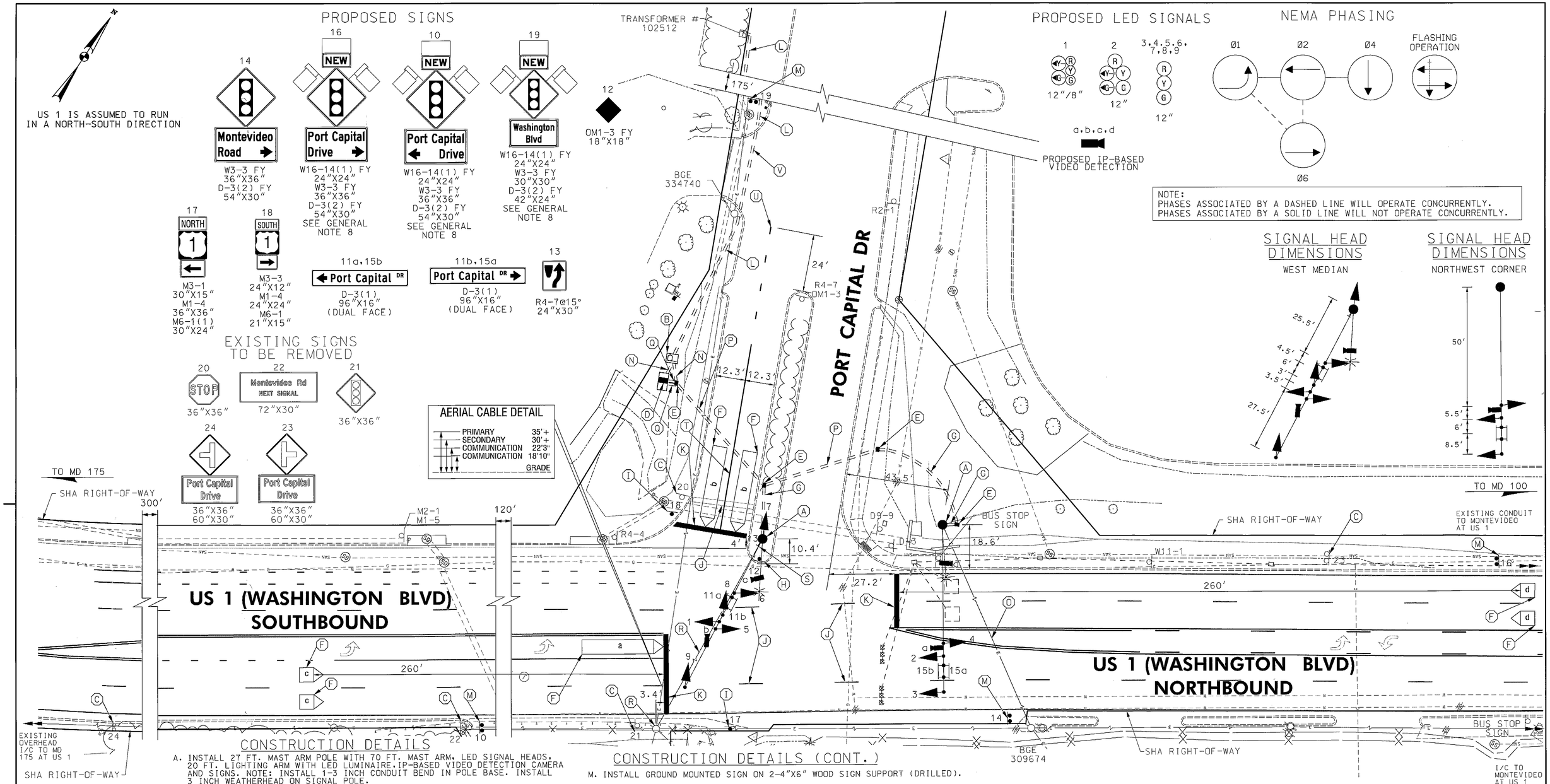

CONSTRUCTION DETAILS

A. INSTALL 27 FT. MAST ARM POLE WITH 70 FT. MAST ARM, LED SIGNAL HEADS, 20 FT. LIGHTING ARM WITH LED LUMINAIRE, IP-BASED VIDEO DETECTION CAMERA AND SIGNS. NOTE: INSTALL 1-3 INCH CONDUIT BEND IN POLE BASE. INSTALL 3 INCH WEATHERHEAD ON SIGNAL POLE.

B. INSTALL 100 AMP EMBEDDED METERED SERVICE PEDESTAL. NOTE: INSTALL 1-4 INCH AND 3-2 INCH CONDUIT BENDS IN BASE.

C. REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORT.

D. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH IP-BASED VIDEO DETECTION INTERFACE EQUIPMENT. NOTE: INSTALL 2-4 INCH AND 2-2 INCH CONDUIT BENDS IN FOUNDATION.

E. INSTALL ELECTRICAL HANDHOLE.

F. PROPOSED VIDEO DETECTION ZONE.

G. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

H. INSTALL GROUND MOUNTED SIGN ON 1-4"X4" WOOD SIGN SUPPORT.

I. INSTALL GROUND MOUNTED SIGN ON 1-4"X6" WOOD SIGN SUPPORT (DRILLED).

J. REMOVE EXISTING PAVEMENT MARKINGS.

K. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

L. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. STUB AT TRANSFORMER NO. 102512 FOR POWER FEED.

CONSTRUCTION DETAILS (CONT.)

M. INSTALL GROUND MOUNTED SIGN ON 2-4"X6" WOOD SIGN SUPPORT (DRILLED).

N. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

O. INSTALL 12-PAIR SELF SUPPORTING INTERCONNECT COMMUNICATION CABLE. SEE INTERCONNECT PLAN FOR DETAILS.

P. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.

Q. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

R. DISCONNECT, PULLBACK AND REROUTE EXISTING INTERCONNECT CABLE. SEE INTERCONNECT PLAN FOR DETAILS.

S. USE PROPOSED MAST ARM POLE. INSTALL SIGN.

T. INSTALL 5 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

U. INSTALL 5 IN. HEAT APPLIED SKIP WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (3 FT. LINE, 9 FT. GAP).

V. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED. STUB AT TRANSFORMER NO. 102512 FOR POWER FEED.

GEOMETRIC LEGEND

- EXISTING
- PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
E	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

TOD NO: XX524-06
SHA NO: HO198B51
US 1 @ Port Capital Drive

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APPROVALS	
TEAM LEADER	5-17-13
ASSIST. ON-CHIEF	5.20.13
DIVISION CHIEF	5.20.13
OFFICE DIRECTOR	5/22/13

REVISIONS

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

US 1 (WASHINGTON BLVD) AT PORT CAPITAL DRIVE
JESSUP, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE APRIL 2013 CONTRACT NO. XX5245185

DESIGNED BY	GS	COUNTY	HOWARD
DRAWN BY	GS	LOGMILE	13000106.01
CHECKED BY	BJG	TIMS NO.	L836
FAP NO.		TOD NO.	

TS NO. 4912 | DRAWING SP-1 OF 2 | SHEET NO. 1 OF 3

PLOTTED: Friday, April 19, 2013 AT 08:39 AM
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BY: gsankar -