MD 675 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

25: M1-4 (36"x36") M6-1 (21"x15")

26: M1-4 (36"x36") M6-1 (21"x15")

27,28: R3-4 (30"x36")

29a,29b: D-3(1) (96"x32") — Prince William Street

EXISTING SIGNAL TO BE REMOVED

16" (6 EA.)

EXISTING LED SIGNAL TO REMAIN

1-8: 12"

10,13: 16"

PROPOSED LED SIGNALS

9,11,12,14,15,16: 16"

NEMA PHASING

Ø2, Ø4, Ø4 ALT., Ø6, Ø8, Ø8 ALT.

FLASHING OPERATION

EXISTING SIGNS TO BE REMOVED

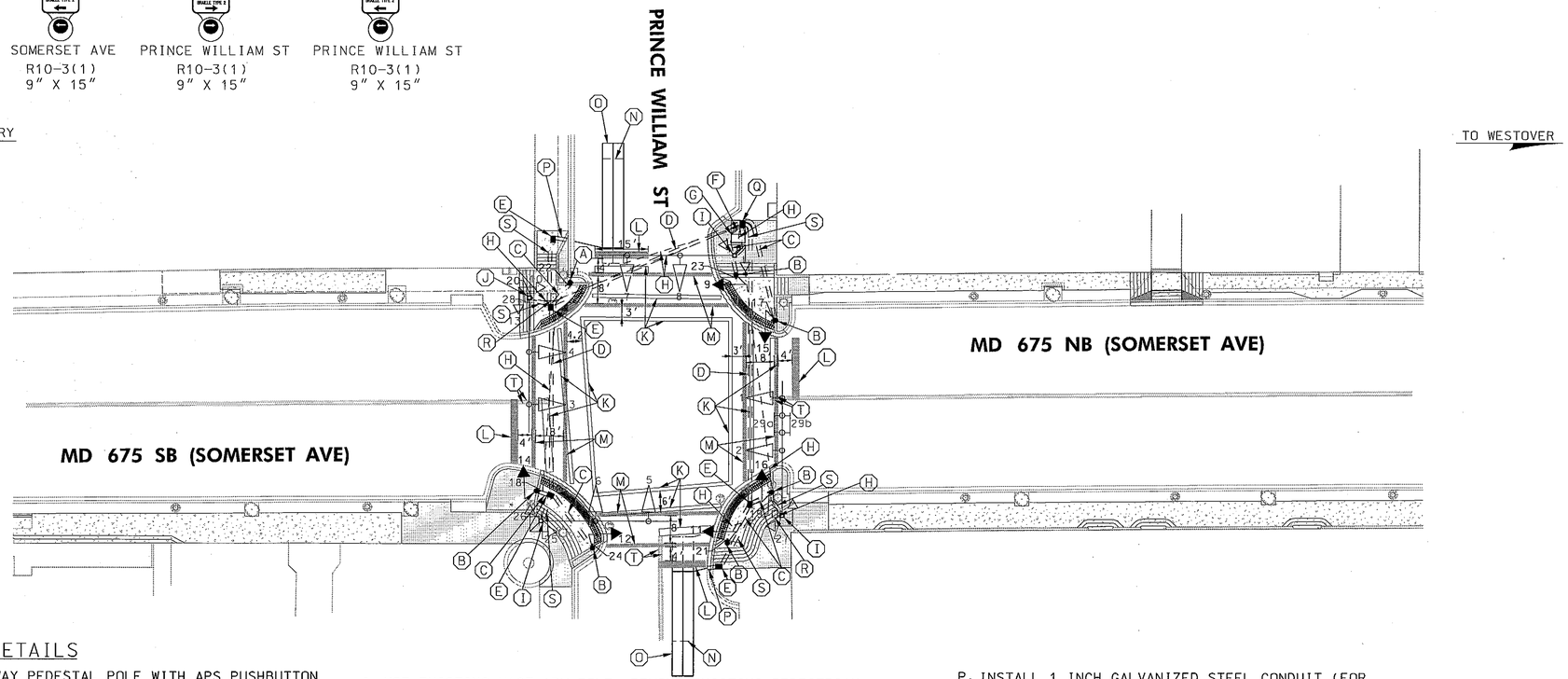
PUSH BUTTON TO CROSS SOMERSET AVE

9"X12" (4 EA)

PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

17,18	19,20	21,22	23,24
SOMERSET AVE	SOMERSET AVE	PRINCE WILLIAM ST	PRINCE WILLIAM ST
R10-3(1) 9" X 15"	R10-3(1) 9" X 15"	R10-3(1) 9" X 15"	R10-3(1) 9" X 15"

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



CONSTRUCTION DETAILS

A. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK. CLEAN, CUT, GALVANIZE AND CAP SIGNAL STRUCTURE.

B. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK.

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

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

E. INSTALL ELECTRICAL HANDHOLE.

F. USE EXISTING CONDUIT.

G. USE EXISTING CABINET AND CONTROLLER. INSTALL APS CENTRAL CONTROL UNIT (BY SHA FORCES). APS CENTRAL CONTROL UNIT IS INCIDENTAL TO APS PUSHBUTTON ITEM.

H. ABANDON EXISTING CONDUIT.

I. USE EXISTING MAST ARM POLE. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS. REMOVE EXISTING PEDESTRIAN PUSHBUTTON. PLUG UNUSED HOLES. REWIRE EXISTING SIGNAL HEADS. TIE PROPOSED CONDUIT INTO EXISTING CONDUIT BEND.

J. USE EXISTING MAST ARM POLE. USE EXISTING PEDESTRIAN SIGNAL HEADS. INSTALL APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). REMOVE EXISTING PUSHBUTTON AND SIGN. PLUG UNUSED HOLES. REWIRE EXISTING SIGNAL HEADS. TIE PROPOSED CONDUIT INTO EXISTING CONDUIT BEND.

K. REMOVE EXISTING PAVEMENT MARKING LINE.

L. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (PAID FOR AS 2-12 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES).

M. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.

N. ABANDON EXISTING LOOP DETECTORS.

O. INSTALL 6'X30' QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 WINDING) AND SPLICE TO PROPOSED 2-C ALUMINUM SHIELDED CABLE IN HANDHOLE. LOOP SHALL BE PLACED 1 FT. BEHIND STOP LINE.

P. INSTALL 1 INCH GALVANIZED STEEL CONDUIT (FOR DETECTOR SLEEVE).

Q. REMOVE EXISTING HANDHOLE AND INSTALL ELECTRICAL HANDHOLE IN EXISTING LOCATION. TIE INTO EXISTING CONDUITS FEEDING CABINET.

R. REMOVE EXISTING HANDHOLE.

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

T. REMOVE EXISTING PAVEMENT MARKING BEYOND PROPOSED STOP LINE.

SPECIAL NOTE

1. REFER TO ROADWAY PLANS FOR SIDEWALK DETAILS AND DIMENSIONS.
2. REFER TO GENERAL INFORMATION SHEET FOR PEDESTAL POLE DIMENSIONS.

GEOMETRIC LEGEND
EXISTING
PROPOSED

UTILITY LEGEND
STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC

BY: BJG

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

REVISIONS

C	UPGRADE TO APS AND LED COUNTDOWN PEDESTRIAN SIGNALS XX1285133				10-2011
NTS	BJG			MLP	FH
B	REVISED PEDESTRIAN PHASING, COORDINATION, AND LOOP PLACEMENT AW 603-501-176				4-9-82
BT		ETO	TH		
A	ASBUILT S 289-501-185				3-30-82
BT					

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

MD 675 & PRINCE WILLIAM ST
PRINCESS ANNE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 1-9-76 CONTRACT NO. AW 603-501-176

DESIGNED BY B THOMPSON
DRAWN BY B THOMPSON
CHECKED BY A BUDMEHUH
FAP NO.
COUNTY SOMERSET
LOGMILE 19067501.51
TIMS NO.
TOD NO.

TS NO. 1393C DRAWING SP-1 OF 2 SHEET NO. 1 OF 2

PLOTTED: Wednesday, October 26, 2011 AT 02:22 PM
FILE: \\rkm\v2007\2007\07056_shahdd\Task01_ADA\CADD\Traffic\PLANS\MD 675 @ MD 918 (Broad Street) & Prince William\pSG-0001_MD675@PrinceWilliam.dgn