EXISTING SIGNS TO REMAIN

17 Bay ST

21 Bay ST

22,24,26,27 WORCESTER HWY.

23 SOUTH 113

20 Assateague RD

18 Assateague RD

25 NORTH TO 113 50

19 EVACUATION ROUTE

US 113 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

EXISTING SIGNALS

1,2,5,6 — 12" 12"

3,4, 7-14 — R Y G

EXISTING OPTICOM DETECTOR

15,16

AERIAL CABLE DETAIL

PRIMARY	N/A
SECONDARY	N/A
CABLE	N/A
COMMUNICATION	26' 3"
GRADE	

PROPOSED DETECTION

a,b,c,d

PROPOSED VIDEO DETECTION

PROPOSED DETECTION ZONE

a,b,c,d

c,d

NEMA PHASING

Ø1 Ø2 Ø4

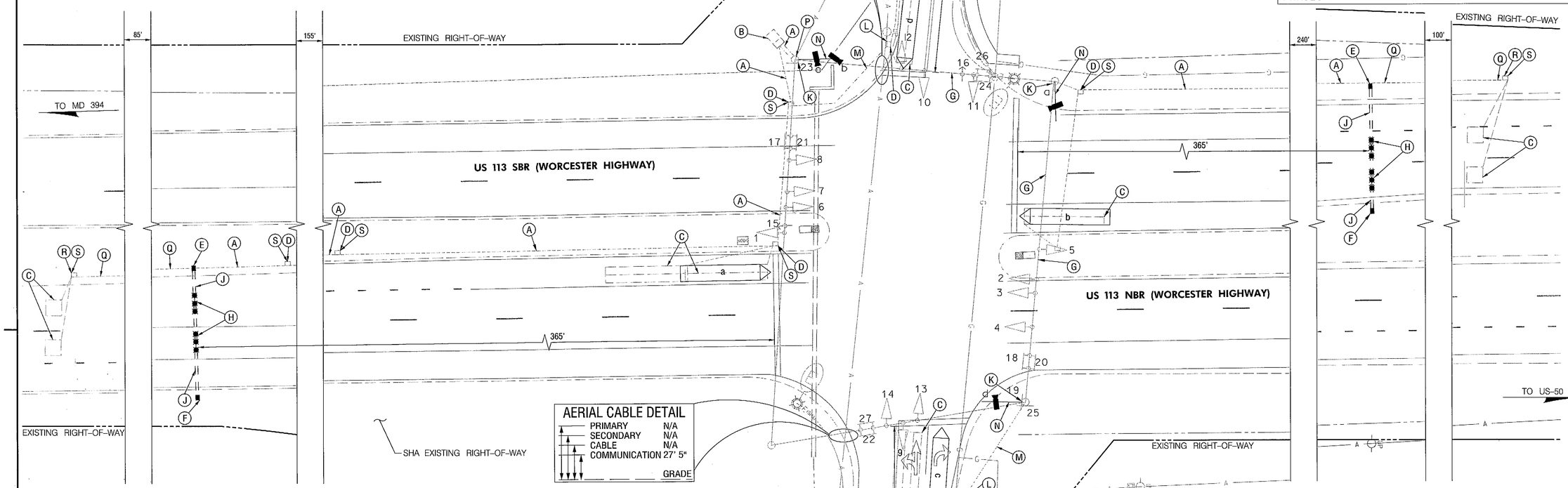
Ø5 Ø6 Ø8

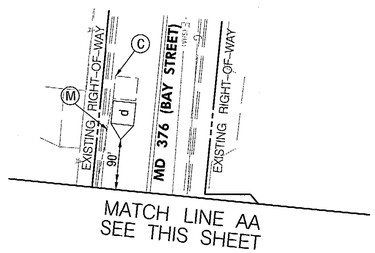
FIREHOUSE PRE-EMPTION PHASE Ø2 & Ø5

FIREHOUSE PRE-EMPTION PHASE Ø4

FLASHING OPERATION

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





20' 0 20' 40'
SCALE: 1" = 20'

CONSTRUCTION DETAILS

A. USE EXISTING CONDUIT.

B. USE EXISTING CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT)

C. REMOVE ALL EXISTING LOOP DETECTOR CABLES FROM THE CONDUIT SYSTEM AND ABANDON THE EXISTING LOOPS.

D. USE EXISTING HAND BOX.

E. EXCAVATE AND LOCATE EXISTING CONDUIT, DISCONNECT AND REMOVE LOOP WIRE, CUT CONDUIT AND INSTALL SIGNAL HAND BOX (WITH LONGER EDGE PERPENDICULAR TO THE ROADWAY).

F. INSTALL SIGNAL HAND BOX (WITH LONGER EDGE PERPENDICULAR TO THE ROADWAY FOR NON-INVASIVE PROBES).

G. USE EXISTING SPAN WIRE.

H. INSTALL NON-INVASIVE MICROLOOP PROBES IN THROUGH LANE WITH 1,000 FEET OF LEAD IN CABLE.

J. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.

K. USE EXISTING STRAIN POLE.

L. REMOVE FRAME AND COVER OF EXISTING HAND BOX TO 12 INCHES BELOW GRADE AND BACK FILL.

M. CAP AND ABANDON EXISTING CONDUIT.

N. INSTALL 15 FOOT LIGHTING ARM (WITHOUT LUMINAIRE), ON THE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION AS SHOWN.

P. INSTALL 3 INCH WEATHER HEAD ON EXISTING STRAIN POLE FOR VIDEO CABLES.

Q. MAINTAIN EXISTING CONDUIT.

R. MAINTAIN EXISTING HAND BOX.

S. ADJUST EXISTING HAND BOX TO GRADE.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

BY: gpearson

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SUITE 160
BALTIMORE, MD 21227
(410) 737-6564

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINALS ON FILE

REVISIONS

E INSTALL VIDEO DETECTION AND NON-INVASIVE PROBES — 09/2010
CONTRACT NO.: XX3533358 — TIMS NO. 4797
KBO SHA 10/11/2010 RDB 10/11/2010 RKS 10/11/2010 RJB 10/11/2010

D INSTALL OPTICOM ON US-113 NB — 05/2003
SHA NO.: AT2885185
MR DZ BK TH

C REVISED NB & SB EP LEFT TURNS TO EXCLUSIVE LEFT TURNS — 04/2003
SHA NO.: 2385472502820
MAR DAJ BRK

PLOTTED: Thursday, October 28, 2010 AT 03:32 PM
FILE: R:\2008\73 SHA BCS 2008-05A_TEDD DESIGN_STV_JV__$SM\Task 59 US 113 and MD 376 Signal Detector Replacement\Dgn\pSG-P001_J797.dgn

TOD NO: XX353-20
SHA NO: WO340K53
US 113 @ MD 376

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

US 113 (WORCESTER HWY) AT MD 376 (BAY ST/ASSATEAGUE ROAD)
BERLIN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE	1" = 20'	DATE 9/27/1979	CONTRACT NO. WO507A51/851
DESIGNED BY		COUNTY	WORCESTER
DRAWN BY	L. SHORT	LOGMILE	23011328.08
CHECKED BY	B. THOMPSON	TIMS NO.	F606
F.A.P. NO.		TOD NO.	

TS NO. TS-1739 E | DRAWING pSG OF P001 | SHEET NO. 1 OF 2