US 50 (OCEAN GATEWAY) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS TO REMAIN

19 — ONLY

17a, 17b, 18a, 18b — Chapel Road

EXISTING SIGN TO BE REMOVED

PROPOSED SIGNS

22 — R4-7, 36" x 48", @15

21 — PUSH BUTTON TO CROSS Ocean Gateway; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; OCEAN IN BRAILLE TYPE 2 — R10-3(1), 9" x 15"

20 — PUSH BUTTON TO CROSS Ocean Gateway; START CROSSING WATCH FOR TURNING CARS; DON'T START FINISH CROSSING IF STARTED; TIME REMAINING TO FINISH CROSSING; PEDESTRIANS SHOULD NOT BE IN CROSSWALK; OCEAN IN BRAILLE TYPE 2 — R10-3(1), 9" x 15"

EXISTING SIGNALS TO BE REMOVED

12" / 12"/8"

EXISTING SIGNALS TO REMAIN

4, 8, 11, 14 — 12"

9, 12 — 8"/12"

10, 13 — 12"

PROPOSED LED SIGNALS

1, 2, 5, 6 — 12"

3, 7 — 12"

15, 16 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

EXISTING OPTICOM DETECTORS

A, B

EXISTING VIDEO DETECTION CAMERAS TO REMAIN

a, b, c, d, e, f

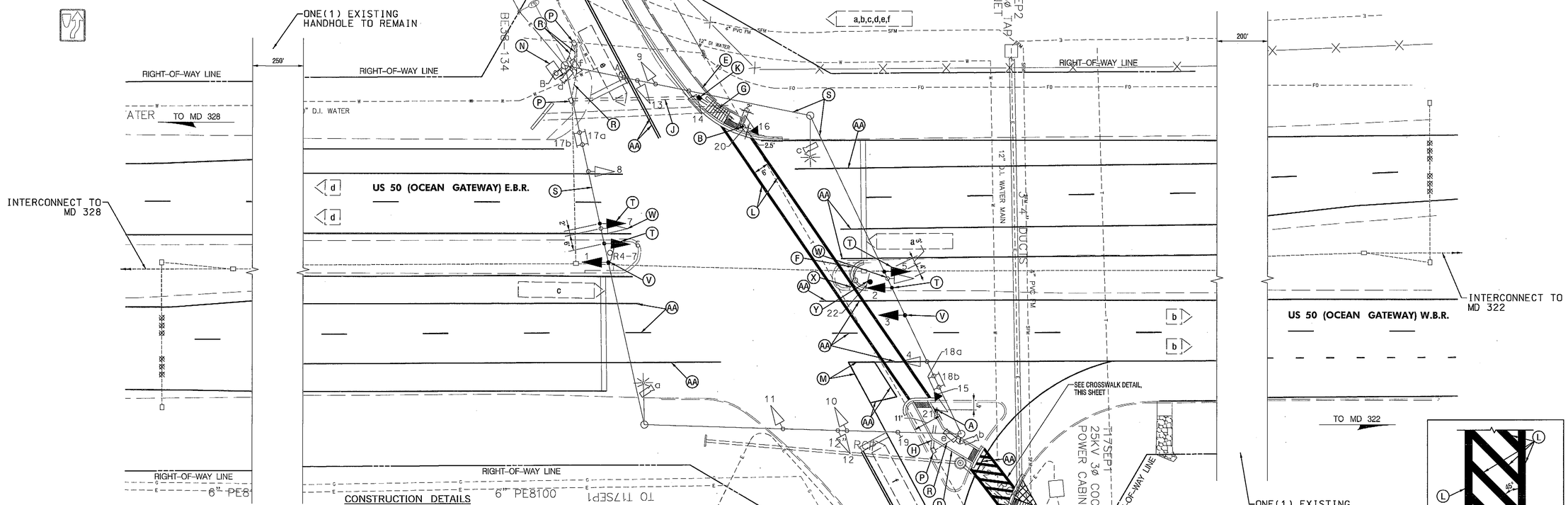
EXISTING VIDEO DETECTION ZONES

a, b, c, d, e, f

NEMA PHASING

Ø1, Ø2, Ø3, Ø4, FLASHING OPERATION, Ø5, Ø6, Ø3 ALT., EMERGENCY PRE-EMPTION

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



CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS OCEAN GATEWAY"), AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND).
B. INSTALL CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH MODIFIED BREAKAWAY COUPLING BASE (PER STDS. MD 801.01-01 AND MD 818.16-01), 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS OCEAN GATEWAY"), AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). CONTRACTOR SHALL HAND-DIG FOUNDATION.
C. REMOVE EXISTING SIDEWALK AND RAMP AND INSTALL NEW SIDEWALK AND ADA-COMPLIANT RAMP. FOR AREAS WHERE NEW SIDEWALK IS NOT INSTALLED, PROVIDE TURFGRASS ESTABLISHMENT. REFER TO PS-01 FOR RAMP DETAILS.
D. REMOVE EXISTING SIDEWALK/ISLAND AND INSTALL NEW CONCRETE ISLAND CUT-THROUGH. REFER TO PS-01 FOR CUT-THROUGH DETAILS.
E. INSTALL NEW SIDEWALK AND ADA-COMPLIANT RAMP ADJACENT TO RETAINING WALL BEING CONSTRUCTED BY OTHERS. REFER TO PS-01 FOR DETAILS.
F. ADJUST NOSE OF EXISTING MEDIAN. REFER TO PS-01 FOR DETAILS.
G. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. CONDUIT SHALL BE INSTALLED PRIOR TO INSTALLATION OF SIDEWALK AND RAMP. COORDINATE CONDUIT INSTALLATION WITH SLEEVE INSTALLED IN RETAINING WALL.
H. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
K. INSTALL HANDHOLE.
L. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
M. INSTALL 10 IN. WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING LINE.
N. USE EXISTING CABINET AND CONTROLLER. INSTALL AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON BASE UNIT.
P. USE EXISTING HANDHOLE.
R. USE EXISTING CONDUIT.
S. USE EXISTING SPAN WIRE.
T. INSTALL SIGNAL HEAD ON EXISTING SPAN WIRE, AS SHOWN.
V. REMOVE EXISTING SIGNAL HEAD AND REPLACE WITH A NEW SIGNAL HEAD, AS SHOWN.
W. REMOVE EXISTING SIGNAL HEAD.
X. REMOVE EXISTING SIGN AND SUPPORT.
Y. INSTALL SHEET ALUMINUM SIGN ON A SINGLE WOOD (4 IN. X 6 IN.) SUPPORT.
Z. NOT USED
AA. REMOVE EXISTING PAVEMENT MARKING LINE.

GEOMETRIC LEGEND

EXISTING

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

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APPROVALS: TEAM LEADER — ORIGINAL ON FILE; ASSIST. DIV. CHIEF; DIVISION CHIEF; PROJECT DIRECTOR

REVISIONS

(F) APSCPS, SIDEWALK UPGRADES, CHANGE US 50 LEFTS FROM EP TO PROTECTED — SHA NO. XX661518S — TIMS NO. L562 — 01-2013
SWA — MF — DD — RDB — CDS — RDB — TH
E DETECTION UPGRADE — SHA NO. XX356516B — 09-02-2009
MF — DD — RDB — RDB — CDS — RDB — TH
D INSTALL LED'S /SPLIT SIDE STREETS — SHA NO. XX340518S — 05-14-2009
FJA — RDB — WH — TH

PLOTTED: Wednesday, January 16, 2013 AT 05:21 PM
FILE: R:\2008\73 SHA BCS 2008-06A_TEDD DESIGN_STV_JV__$8M\Task 219 US 50 at Chapel Road\DWG\pSG-P001_L562.dgn

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

US 50 (OCEAN GATEWAY) AND CHAPEL ROAD
EASTON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' — DATE MARCH 6, 1984 — CONTRACT NO. 855-25001

DESIGNED BY — COUNTY TALBOT
DRAWN BY W. RICHARDSON — LOGMILE 20005010.17
CHECKED BY — T.I.M.S. NO.
F.A.P. NO. — TOD NO.

TS NO. 1949 (F) — DRAWING NO. pSG OF P001 — SHEET NO. 1 OF 3

BY: agriffin -