US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS TO REMAIN

25a Cedar Street — D-3(1) 96"x16" (DUAL FACE)
25b Cedar Street — D-3(1) 96"x16" (DUAL FACE)
26a Meteor Ave — D-3(1) 90"x16" (DUAL FACE)
26b Meteor Ave — D-3(1) 90"x16" (DUAL FACE)
33 WEST 50 — M1-5(6) 48"x75"
34 Cedar St / Meteor Ave AT SIGNAL — D-3(2) 78"x36"
28 — R3-6L 30"x36"
29 ONLY — R3-5(R) 30"x36"
30 EAST 50 — M1-5(6) 30"x51"
31 EAST 50 — M1-5(6) 48"x75"
32 WEST 50 — M1-5(6) 30"x51"
27 ONLY ONLY ONLY — R3-5(MOD) 30"x90"
36 Maryland Ave AT SIGNAL / Chesapeake Coll. — D-3(2) 78"x36"
35 Crusader Rd NEXT SIGNAL — D3-2(1) 78"x24"

EXISTING SIGNS TO BE REMOVED

PUSH BUTTON TO CROSS METEOR AVE — 9"x15" (1 EA.)
PUSH BUTTON TO CROSS METEOR AVE — 9"x15" (1 EA.)
PUSH BUTTON TO CROSS CEDAR ST — 9"x15" (1 EA.)
PUSH BUTTON TO CROSS CEDAR ST — 9"x15" (1 EA.)
PUSH BUTTON TO CROSS SUNBURST HWY — 9"x15" (2 EA.)
PUSH BUTTON TO CROSS SUNBURST HWY — 9"x15" (2 EA.)

EXISTING SIGNALS TO BE REMOVED

16" (6 EA.)

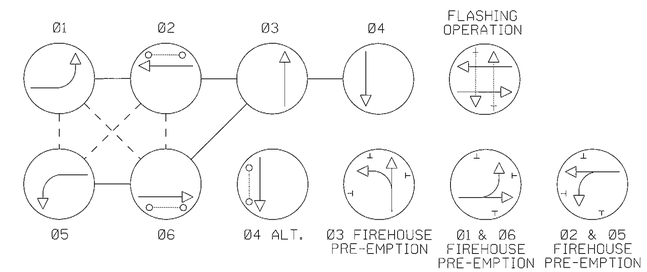
PROPOSED LED SIGNALS

13,14,15, 16,17,18 — 16"

EXISTING LED SIGNALS TO REMAIN

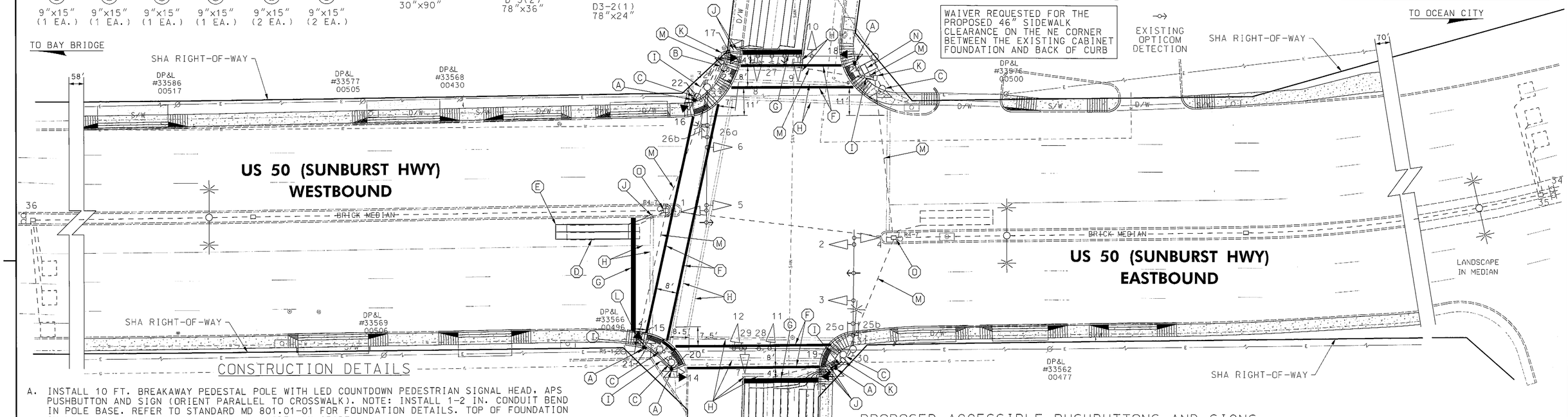
1,4 — 12"/8"
2,5 — 12"
3,6,9,12 — 12"
7,10 — 8"/12"
8,11 — 12"

NEMA PHASING



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

WAIVER REQUESTED FOR THE PROPOSED 46" SIDEWALK CLEARANCE ON THE NE CORNER BETWEEN THE EXISTING CABINET FOUNDATION AND BACK OF CURB



CONSTRUCTION DETAILS

A. 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 DETAILS. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH FINAL SIDEWALK GRADE.

B. REMOVE PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN FROM EXISTING 10 FT. BREAKAWAY PEDESTAL POLE. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING CABLES. PLUG UNUSED HOLES.

C. REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED EQUIPMENT. REMOVE EXISTING FOUNDATION 12 INCHES BELOW GRADE AND MAKE FLUSH WITH FINAL SIDEWALK GRADE. CAP AND ABANDON EXISTING CONDUIT FEEDING EQUIPMENT.

D. ABANDON EXISTING LOOP DETECTORS.

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

F. INSTALL 12 INCH WHITE PREFORMED HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING LINE.

G. INSTALL 24 INCH WHITE PREFORMED HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING LINE (PAID FOR AS 2-12 INCH WHITE PREFORMED HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING LINES).

H. REMOVE EXISTING PAVEMENT MARKINGS.

I. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

J. INSTALL 1 IN. GALVANIZED STEEL CONDUIT (FOR DETECTOR SLEEVE).

K. USE EXISTING ELECTRICAL HANDHOLE. INSTALL GROUND ROD IN HANDHOLE AND REPLACE FRAME AND COVER.

L. USE EXISTING ELECTRICAL HANDHOLE. ADJUST HANDHOLE TO FINAL SIDEWALK GRADE. INSTALL NEW FRAME AND COVER. INSTALL GROUND ROD IN HANDHOLE.

M. USE EXISTING CONDUIT.

N. USE EXISTING CABINET AND CONTROLLER. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT (INCIDENTAL TO APS PUSHBUTTON INSTALLATION).

O. USE EXISTING HANDHOLE.

PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

19 — CEDAR ST R10-3(1) 9"x15"
20 — CEDAR ST R10-3(1) 9"x15"
21 — SUNBURST HWY R10-3(1) 9"x15"
22 — SUNBURST HWY R10-3(1) 9"x15"
23 — METEOR AVE R10-3(1) 9"x15"
24 — METEOR AVE R10-3(1) 9"x15"

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

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

REVISIONS

K	INSTALL APS/CPS SHA NO. XX1285133 TIMS NO. L603	02-2013
BJG		
J	AS-BUILT TIMS NO. 1471	07-23-2007
MH		
I	REPLACE SIGNAL HEADS W/ BLACK FACES. ASSOC. WIRING AND SIGNS. SHA NO. XX1065185	10-2002
WM	DJD DAJ BRK	

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

US 50 (SUNBURST HIGHWAY) AT CEDAR STREET / METEOR AVENUE
CAMBRIDGE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 05-09-2007 CONTRACT NO.
DESIGNED BY
DRAWN BY B. THOMPSON
CHECKED BY
FAP NO.
COUNTY DORCHESTER
LOGMILE 09005001.16
TIMS NO.
TOD NO.

TS NO. 336K | DRAWING SP-3 OF 6 | SHEET NO. OF