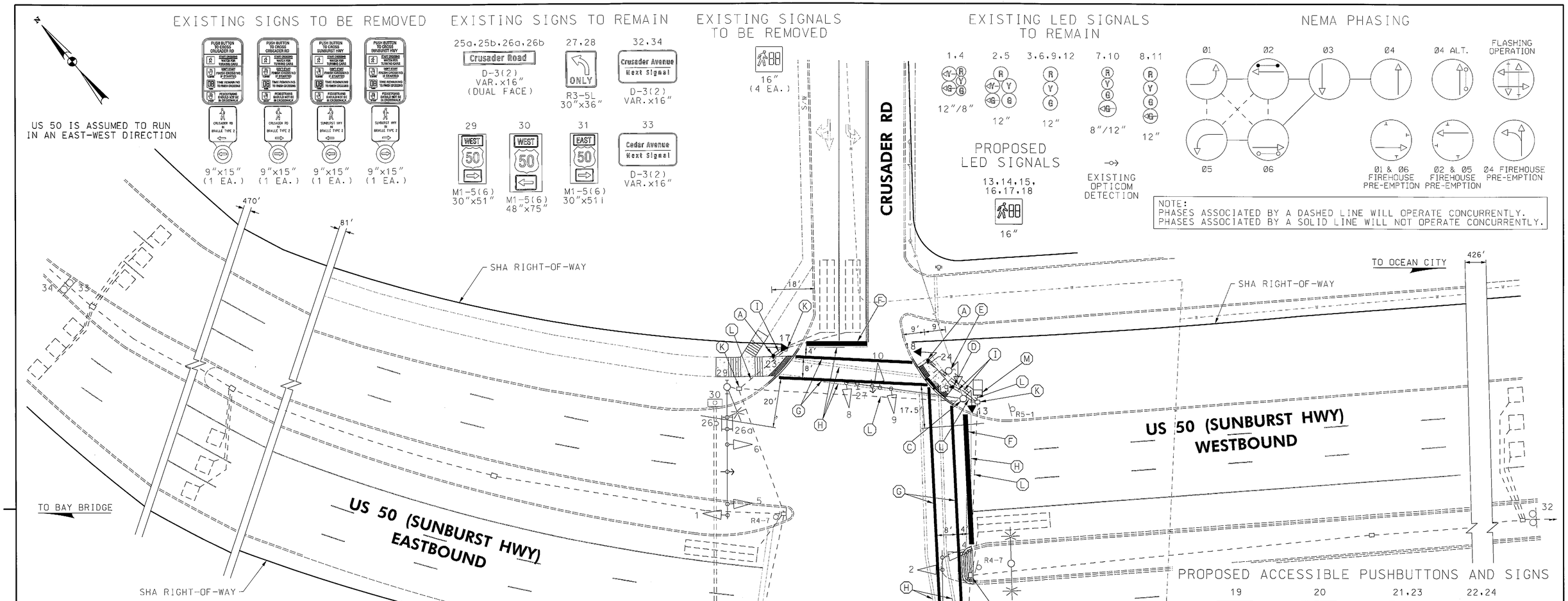



## CONSTRUCTION DETAILS

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 INCH 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 MAST ARM POLE. PLUG UNUSED HOLES.

C. USE EXISTING MAST ARM POLE. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD.

D. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 INCH 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. CUT, CLEAN, GALVANIZE AND CAP SIGNAL STRUCTURE.

E. 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 CONDUITS FEEDING EQUIPMENT.

F. 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).

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

H. REMOVE EXISTING PAVEMENT MARKING.

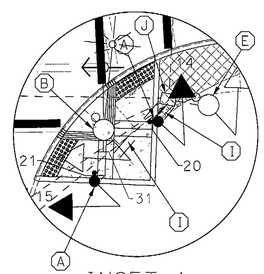
I. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

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

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

L. USE EXISTING CONDUIT.

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



INSET A
NOT TO SCALE

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

BY: WFW

RK&K
Rummel, Klepper & Kahl, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-3160
Engineers Construction Managers Planners Scientists
www.rkk.com

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

REVISIONS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| H | INSTALL APS/CPS SHA NO. XX1285133 TIMS NO. L603 | | | | | 02-2013 | |
| BJG | | | | | | | |
| G | AS-BUILT TIMS NO. 1471 | | | | | 06-06-2007 | |
| MH | | | | | | | |
| F | INSTALL OPTICOM DETECTOR EYE SHA NO. AT9095185 | | | | | 09-14-2006 | |
| JWA | DJD | JAH | MAR | WH | | | |

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

US 50 (SUNBURST HIGHWAY) AT CRUSADER ROAD
CAMBRIDGE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE CONTRACT NO. D515501170
DESIGNED BY COUNTY DORCHESTER
DRAWN BY LOGMILE 09005001.38
CHECKED BY TIMS NO.
FAP NO. TOD NO.
TS NO. 340H DRAWING SP-5 OF 6 SHEET NO. OF

PLOTTED: Tuesday, February 19, 2013 AT 02:34 PM
FILE: \\palsrv02\v2007\2007\07056_shahcd\Task01_ADA\CADD\Traffic\PLANS\US 50 @ Cedar, Crusader & Maryland\pSG-0005_US50@Crusader.dgn