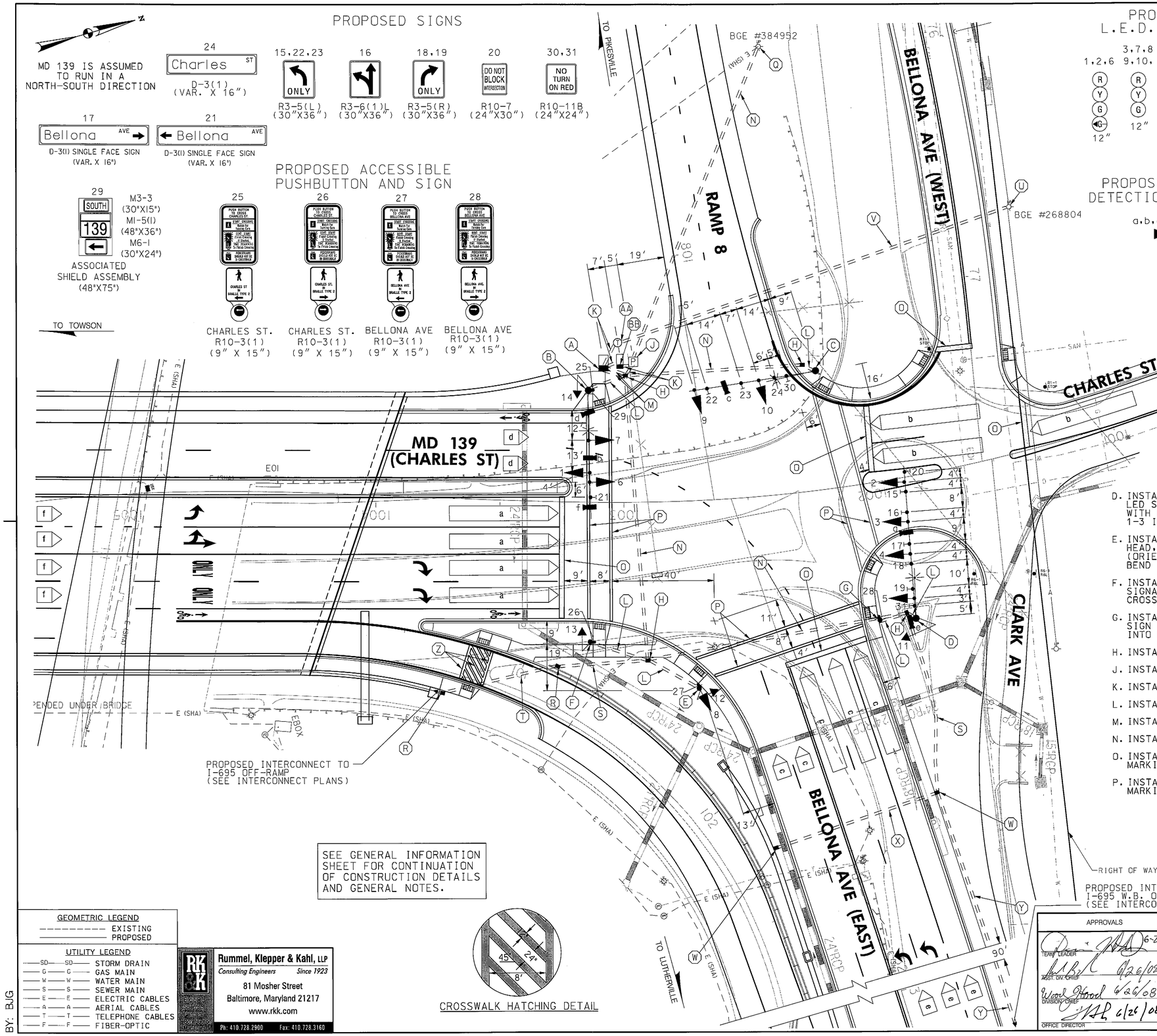

SEE GENERAL INFORMATION SHEET FOR CONTINUATION OF CONSTRUCTION DETAILS AND GENERAL NOTES.

CROSSWALK HATCHING DETAIL

CONSTRUCTION DETAILS

A. INSTALL NEMA SIZE 6 BASE MOUNTED TRAFFIC RESPONSIVE MASTER CONTROLLER (NOTE: INSTALL 2-2 IN. AND 2-4 IN. PVC CONDUIT BENDS).

B. INSTALL 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, VIDEO DETECTION CAMERAS, LED SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM, 250 WATT HPS LUMINAIRE WITH PHOTOCELL, LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON, AND R10-3(1) SIGN (ORIENT SIGN PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. PVC CONDUIT BEND IN POLE BASE. INSTALL POLE AT STA. 1003+15, 45 FT. RIGHT.

C. INSTALL 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, VIDEO DETECTION CAMERA, LED SIGNAL HEADS, 15 FT. STREET LIGHTING ARM, 250 WATT HPS LUMINAIRE WITH PHOTOCELL, AND SIGNS. NOTE: INSTALL 1-3 IN. PVC CONDUIT BEND IN POLE BASE.

D. INSTALL 27 FT. MAST ARM POLE WITH 60 FT. MAST ARM, VIDEO DETECTION CAMERAS, LED SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM, 250 WATT HPS LUMINAIRE WITH PHOTOCELL, AND LED COUNTDOWN PEDESTRIAN SIGNAL HEAD. NOTE: INSTALL 1-3 IN. PVC CONDUIT BEND IN POLE BASE. INSTALL POLE AT STA. 50+70, 55' LT.

E. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, VEHICULAR LED SIGNAL HEAD, AND APS PUSHBUTTON WITH R10-3(1) SIGN (ORIENT SIGN PARALLEL TO CROSSWALK) NOTE: INSTALL 1-3 IN. PVC CONDUIT BEND INTO POLE BASE.

F. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON, WITH R10-3(1) SIGN (ORIENT SIGN PARALLEL TO CROSSWALK) NOTE: INSTALL 1-3 IN. PVC CONDUIT BEND INTO POLE BASE.

G. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND R10-3(1) SIGN (ORIENT SIGN PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. PVC CONDUIT INTO POLE BASE.

H. INSTALL ELECTRICAL HANDHOLE

J. INSTALL METERED SERVICE PEDESTAL - BASE MOUNTED.

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

L. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

M. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

N. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED.

O. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.

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

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

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DIVISION CHIEF 6/26/08	
OFFICE DIRECTOR 6/26/08	

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

MD 139 (CHARLES ST.) AND BELLONA AVE (EAST) / WB I-695 ON RAMP
LUTHERVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE MAY 2008 CONTRACT NO. BA9775A72

DESIGNED BY BJG/MLH COUNTY BALTIMORE
DRAWN BY BJG/MLH LOGMILE 03013903.56
CHECKED BY DAE T.I.M.S. NO. 1572
F.A.P. NO. SEE TITLE SHEET TOD NO.

TS NO. 4668 DRAWING SP-11 OF 15 SHEET NO. 372 OF 443

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