US 29 IS CONSIDERED TO RUN IN A NORTH SOUTH DIRECTION

EXISTING SIGNS

11 — W3-3 48"x48"

13a — Rivers Edge Rd ⇨ | 13b — ⇦ Rivers Edge Rd — D3-2 Variable x 16"

14 — LEFT TURN YIELD ON FLASHING RED AFTER STOP

15 — TO 29 — M1-4 24"x 24" — M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

16 — TRAFFIC MERGING FROM LEFT

12 — SIGNAL AHEAD / PREPARE TO STOP WHEN FLASHING — W3-3(2) 120"x60"

PROPOSED SIGNS

13A — Rivers Edge RD → / NO OUTLET — 40"X120" MAST ARM MOUNT

13B — ← Rivers Edge RD / NO OUTLET — 40"X120" MAST ARM MOUNT

EXISTING LED SIGNALS

1: IR, Y, G — 12"; 2,3: Y — 12"; 4-10: R, Y, G — 12"

PROPOSED VIDEO DETECTION

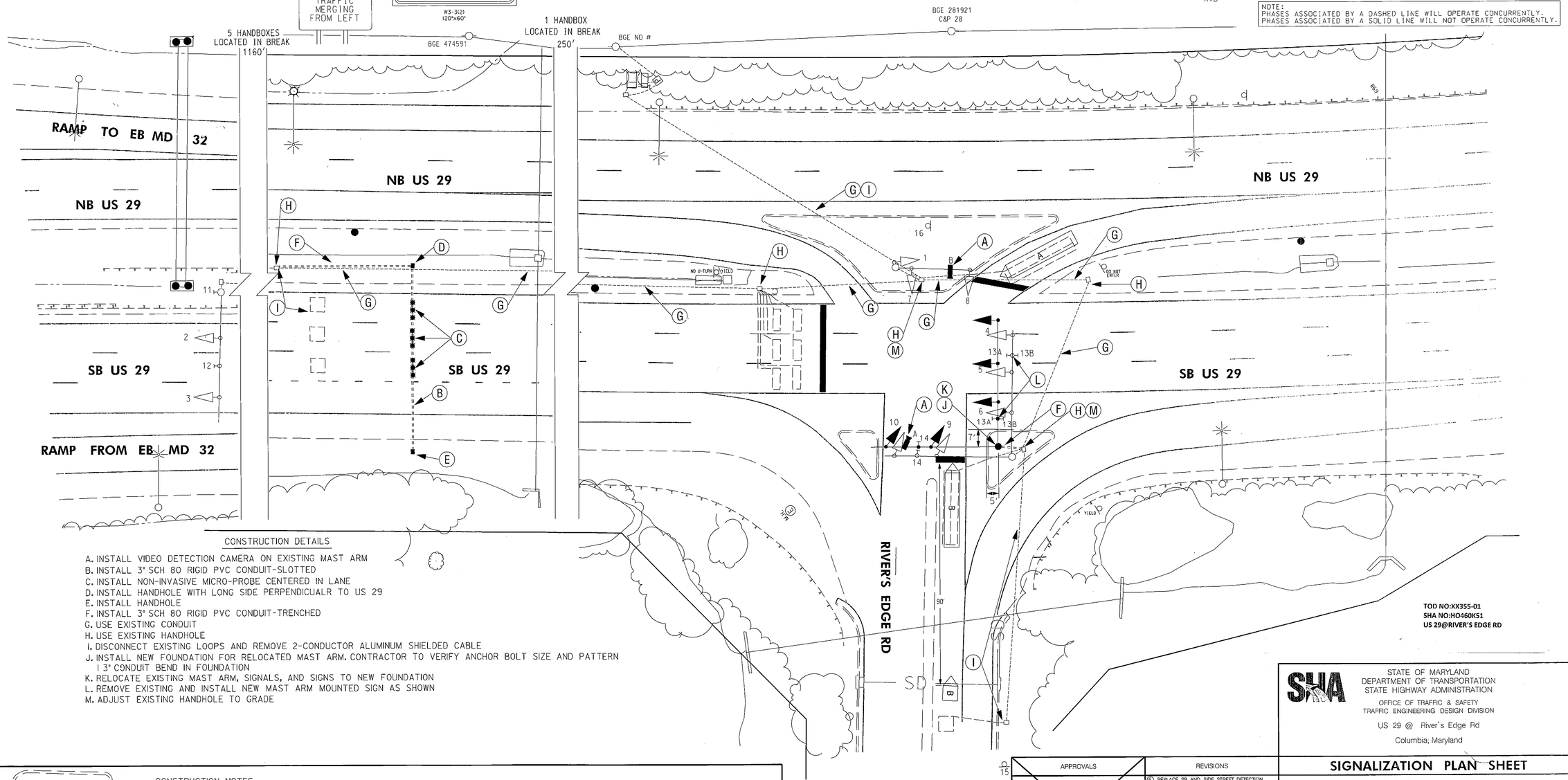
A,B

NEMA PHASING

Ø2 Ø3 Ø4

FLASHING OPERATION

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



CONSTRUCTION DETAILS

A. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
B. INSTALL 3" SCH 80 RIGID PVC CONDUIT-SLOTTED
C. INSTALL NON-INVASIVE MICRO-PROBE CENTERED IN LANE
D. INSTALL HANDHOLE WITH LONG SIDE PERPENDICUALR TO US 29
E. INSTALL HANDHOLE
F. INSTALL 3" SCH 80 RIGID PVC CONDUIT-TRENCHED
G. USE EXISTING CONDUIT
H. USE EXISTING HANDHOLE
I. DISCONNECT EXISTING LOOPS AND REMOVE 2-CONDUCTOR ALUMINUM SHIELDED CABLE
J. INSTALL NEW FOUNDATION FOR RELOCATED MAST ARM. CONTRACTOR TO VERIFY ANCHOR BOLT SIZE AND PATTERN
I 3" CONDUIT BEND IN FOUNDATION
K. RELOCATE EXISTING MAST ARM, SIGNALS, AND SIGNS TO NEW FOUNDATION
L. REMOVE EXISTING AND INSTALL NEW MAST ARM MOUNTED SIGN AS SHOWN
M. ADJUST EXISTING HANDHOLE TO GRADE

TOD NO:XX355-01
SHA NO:HO460K51
US 29@RIVER'S EDGE RD

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL MONITOR THE EXISTING FOUNDATION WHI'LE DRILLING THE PROPOSED FOUNDATION. IF ANY DISTURBANCE IS NOTED TO THE STABILITY OF THE ORIGINAL FOUNDATION, THE CONTRACTOR IS TO STOP EXCAVATION IMMEDIATELY AND BACK FILL PROPOSED HOLE THE CONTRACTOR SHALL THEN CONTACT MR. DN PATEL AT THE OFFICE OF TRAFFIC AND SAFETY AT 410-787-4081. ONCE EXCAVATED, THE NEW FOUNDATION SHALL BE SLEEVED WITH A CORRUGATED METAL PIPE FOR STABILITY
2. THE 4' DIMENSION SHOWN SHALL BE MEASURED FROM EDGE OF EXISTING FOUNDATION TO EDGE OF PROPOSED FOUNDATION
3. SEE SEQUENCE OF CONSTRUCTION SHEET 2.

BY: cstrain

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

REVISIONS

E	REPLACE SB AND SIDE STREET DETECTION RELOCATE SW CORNER POLE DUE TO NEW GEOMETRICS .J509 JULY 2009 XX355J48			
CJS				
D	INSTALL LED SIGNAL HEADS AND UNIVERSAL POWER SUPPLY 41607 AX1425185			
JWA	CJS			
C	AS BUILT 1-19-98 SHA NO BW014M61			
RRZ				

PLOTTED: Monday, August 17, 2009 at 3:38:06 PM
FILE: mTC-C200_US29.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 29 @ River's Edge Rd
Columbia, Maryland

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE _____ CONTRACT NO. _____

DESIGNED BY _____ COUNTY Howard
DRAWN BY H Kilan LOGMILE 13002203.65
CHECKED BY H Kilan TIMS NO. J509
F.A.P. NO. SEE TITLE SHEET TOD NO. _____

TS NO. 1B02E | DRAWING SG-1 OF 2 | SHEET NO. OF