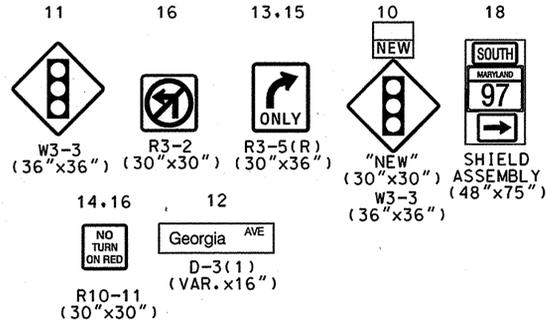
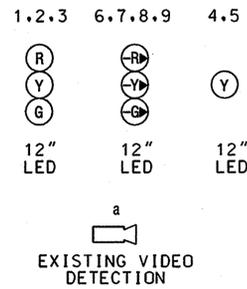


MD 97 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

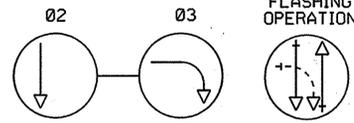
EXISTING SIGNS



EXISTING SIGNALS

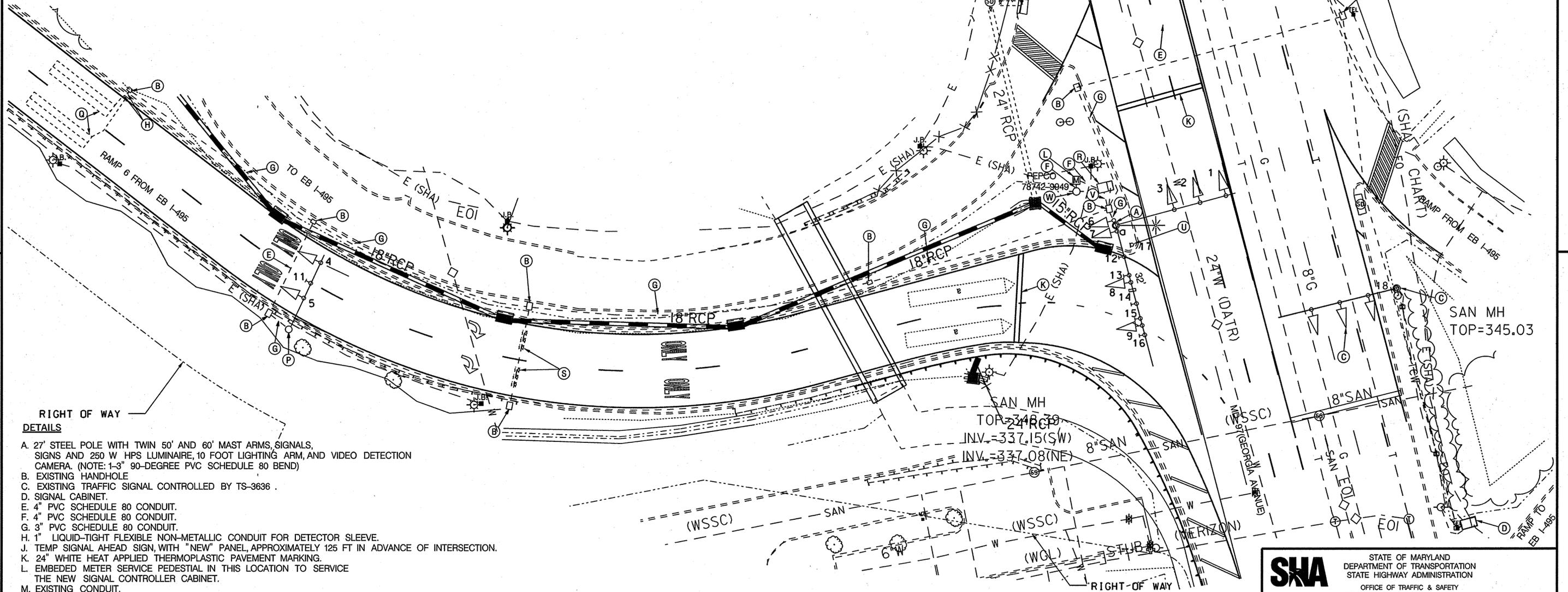


NEMA PHASING



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

12 PAIR INTERCONNECT CABLE AND 1-7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) TO SIGNAL CONTROLLER AT MD 97/WEST I-495 OFF RAMP.



RIGHT OF WAY DETAILS

- A. 27' STEEL POLE WITH TWIN 50' AND 60' MAST ARMS, SIGNALS, SIGNS AND 250 W HPS LUMINAIRE, 10 FOOT LIGHTING ARM, AND VIDEO DETECTION CAMERA. (NOTE: 1-3" 90-DEGREE PVC SCHEDULE 80 BEND)
- B. EXISTING HANDHOLE
- C. EXISTING TRAFFIC SIGNAL CONTROLLED BY TS-3636
- D. SIGNAL CABINET.
- E. 4" PVC SCHEDULE 80 CONDUIT.
- F. 4" PVC SCHEDULE 80 CONDUIT.
- G. 3" PVC SCHEDULE 80 CONDUIT.
- H. 1" LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- I. TEMP SIGNAL AHEAD SIGN, WITH "NEW" PANEL, APPROXIMATELY 125 FT IN ADVANCE OF INTERSECTION.
- J. 24" WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING.
- K. EMBEDDED METER SERVICE PEDESTAL IN THIS LOCATION TO SERVICE THE NEW SIGNAL CONTROLLER CABINET.
- M. EXISTING CONDUIT.
- N. HANDHOLE.
- P. STEEL POLE WITH A 38' MAST ARM, SIGNALS, AND SIGN, APPROXIMATELY 300 FEET FROM STOP BAR. (NOTE: 1-3" 90-DEGREE PVC SCHEDULE 80 BEND)
- Q. 6'X30' QUADRUPOLE LOOP DETECTOR (3-6-3 TURNS), APPROXIMATELY 440 FEET FROM STOP BAR.
- R. NEMA 6 BASE MOUNTED CABINET AND TRAFFIC SIGNAL CONTROLLER. (2-4" & 2-2" 90-DEGREE PVC SCHEDULE 80 BENDS)
- S. NON-INVASIVE MICROLOOP DETECTOR, 220 FEET FROM STOP BAR.
- T. NOT USED.
- U. GROUND MOUNT SIGN ON 1-4"x4" WOOD POST.
- V. TWO 4" PVC SCHEDULE 80 CONDUIT
- W. 4" PVC RISER ON EXISTING UTILITY POLE 250 KCMIL CABLES FOR PEPCO SERVICE.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 97 (GEORGIA AVENUE)
AT RAMP 6 FROM I-495 TO SOUTHBOUND MD 97

APPROVALS		REVISIONS		TRAFFIC SIGNAL PLAN	
TEAM LEADER				SCALE 1" = 20'	DATE 2-2007
ASST. DIR. CHIEF				CONTRACT NO. MO4195187	
DESIGNED BY AMH	COUNTY MONTGOMERY			LOGMILE 15009701.50	
DRAWN BY AMH	TMS NO. H604			TOD NO.	
CHECKED BY JFL/JAH					
FAP NO.					

GEOMETRIC LEGEND

---	EXISTING
- - -	PROPOSED

UTILITY LEGEND

—	STORM DRAIN
—	GAS MAIN
—	WATER MAIN
—	SEWER MAIN
—	ELECTRIC CABLES
—	AERIAL CABLES
—	TELEPHONE CABLES
—	FIBER-OPTIC

KCI TECHNOLOGIES
10 New River Drive
Hunt Valley, MD 21030
Phone: (410) 316-7800
Fax: (410) 316-7817
www.kci.com

AS-BUILT	10/2007
MO4195187	

PLOTTED: Friday, December 07, 2007 AT 09:54 AM
FILE: J:\DATA\H604\As_Built\PSG-H604_RAMP6.DGN

BY: Jhenkel