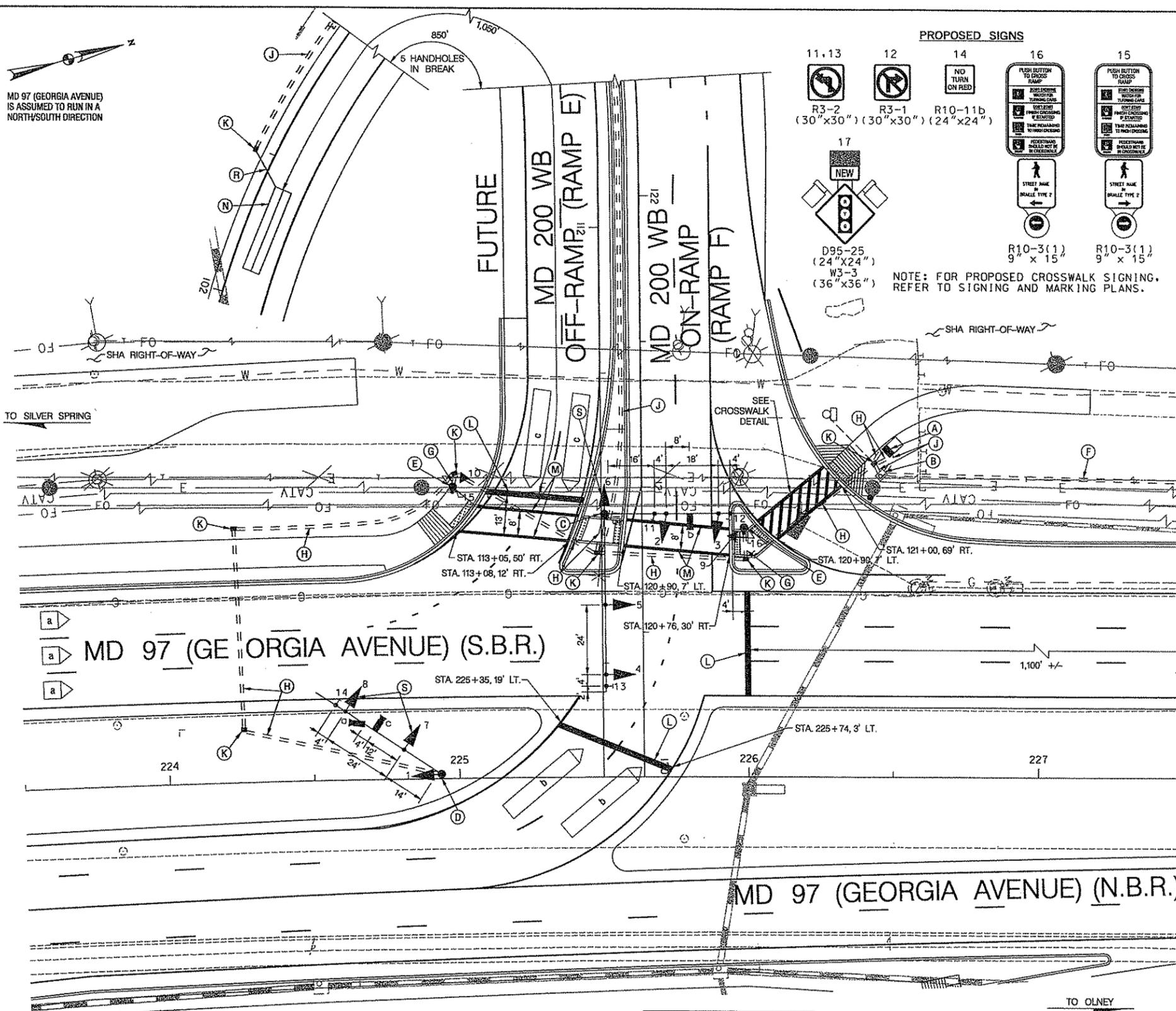
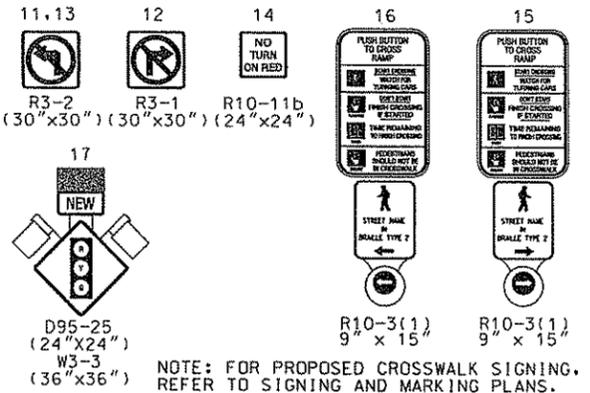


MD 97 (GEORGIA AVENUE) IS ASSUMED TO RUN IN A NORTHSOUTH DIRECTION

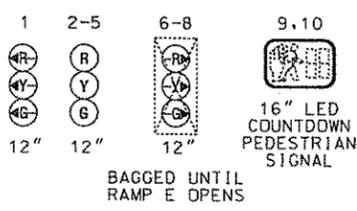


PROPOSED SIGNS



NOTE: FOR PROPOSED CROSSWALK SIGNING, REFER TO SIGNING AND MARKING PLANS.

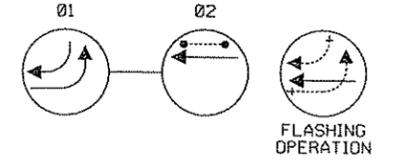
PROPOSED LED SIGNALS



PROPOSED VIDEO CAMERA



ULTIMATE NEMA PHASING



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

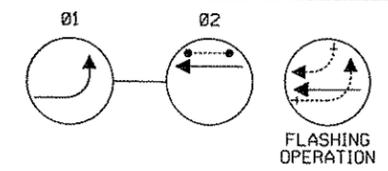
CONSTRUCTION DETAILS

- A. INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON BASE UNIT. (NOTE: TWO-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA. 121+12, 85' RT.
- B. INSTALL 200 AMP METERED SERVICE PEDESTAL (NOTE: ONE-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS IN BASE).
- C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 AND 60 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, 20 FT. LIGHTING ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 112+99, 1' LT.
- D. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, SIGN, AND VIDEO DETECTION CAMERAS. (NOTE: ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND) STA. 224+94, 2' LT.
- E. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, 16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS RAMP"), AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA. 112+89, 51' RT & STA. 120+86, 35' RT.
- F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF UTILITY POLE.
- G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- J. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- K. INSTALL HANDHOLE.
- L. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- M. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
- N. INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 TURNS).
- P. INSTALL GROUND MOUNTED SIGN ON A SINGLE WOOD (4 IN. X 6 IN.) SUPPORT.
- R. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- S. BAG SIGNAL HEAD UNTIL RAMP E IS OPENED TO TRAFFIC.

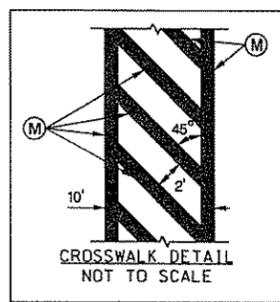
MD 97 (GEORGIA AVENUE) (S.B.R.)

MD 97 (GEORGIA AVENUE) (N.B.R.)

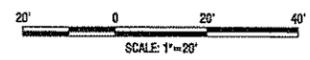
INTERMIM (BEFORE RAMP E OPENS) NEMA PHASING



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



- GEOMETRIC LEGEND**
- EXISTING
 - PROPOSED
- UTILITY LEGEND**
- SD STORM DRAIN
 - G GAS MAIN
 - W WATER MAIN
 - SAN SEWER MAIN
 - E ELECTRIC CABLES
 - A AERIAL CABLES
 - T TELEPHONE CABLES
 - Fo FIBER-OPTIC



SEGMENT D APPROVED FOR CONSTRUCTION

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 97 (GEORGIA AVENUE) AT
MD 200 WB RAMPS (RAMPS "E" AND "F")
NORBECK, MARYLAND

IC
INTERCOUNTY CONSTRUCTORS
TWO TAFT COURT • ROCKVILLE, MARYLAND 20850 • 301-354-8600

APPROVALS	REVISIONS
TEAM LEADER TRAFFIC ENGINEERING DIVISION	0 SDSRW-FFD0-40F
ASST. CHIEF TRAFFIC ENGINEERING DIVISION	
CHIEF TRAFFIC ENGINEERING DIVISION	
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

TRAFFIC SIGNAL PLAN			
SCALE 1" = 20'	DATE OCT. 2007	CONTRACT NO. AT3765960	
DESIGNED BY A. GRIFFIN	COUNTY MONTGOMERY		
DRAWN BY A. GRIFFIN	LOGWILE 15009209.56		
CHECKED BY K. BINKER	T.I.M.S. NO. J867X		
F.A.P. NO. AC-NH-ICC-1(1)N	TOD NO.		
TS NO. 4699	DRAWING p5G OF P004	SHEET NO. OF	

BY: C0038660