

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

EXISTING SIGNS TO BE REMOVED



PROPOSED SIGNS

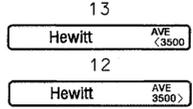
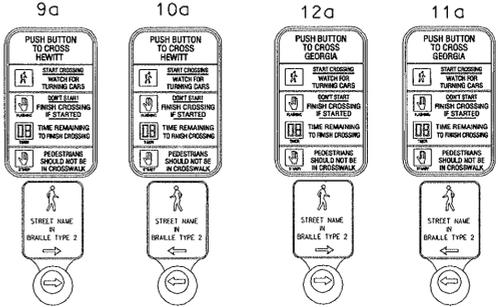


SHIELD ASSEMBLY (30"x51")

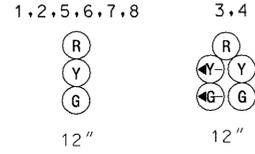


SHIELD ASSEMBLY (48"x75")

EXISTING SIGNS



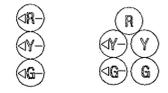
PROPOSED SIGNAL HEADS



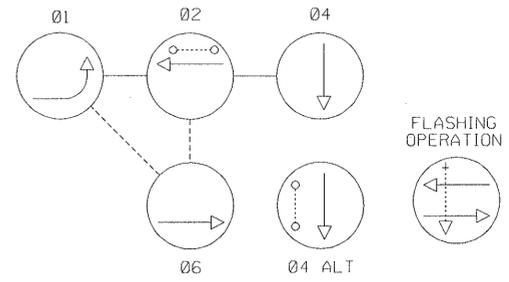
EXISTING SIGNAL HEADS



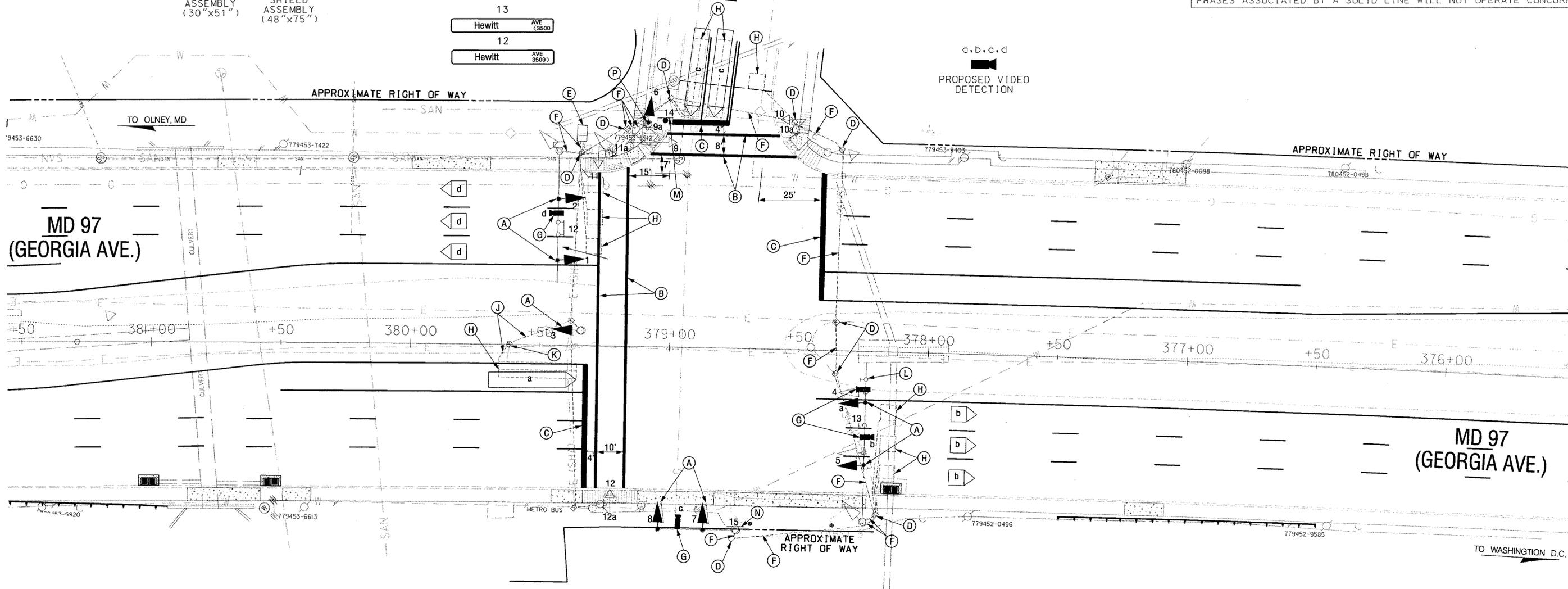
EXISTING SIGNAL HEADS TO BE REMOVED



NEMA PHASING



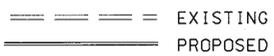
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



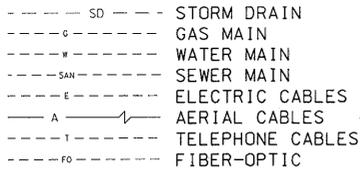
CONSTRUCTION DETAILS

- A. REPLACE EXISTING SIGNAL HEAD WITH NEW LED SIGNAL USING EXISTING CABLES.
- B. INSTALL 12 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
- C. INSTALL 24 INCH WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- D. USE EXISTING HANDHOLE.
- E. USE EXISTING CABINET.
- F. USE EXISTING CONDUIT.
- G. INSTALL OVERHEAD VIDEO DETECTION CAMERA.
- H. REMOVE ALL LOOP CABLES FROM EXISTING HANDHOLES AND CONDUITS AND ABANDON EXISTING LOOPS.
- J. CAP AND ABANDON EXISTING CONDUIT.
- K. REMOVE EXISTING HANDHOLE AND BACKFILL 12 INCHES BELOW GRADE.
- L. REMOVE EXISTING SIGN.
- M. INSTALL GROUND MOUNTED SIGN ON ONE 4 INCH X 6 INCH WOOD SUPPORT.
- N. INSTALL SHIELD ASSEMBLY ON EXISTING SIGNAL POLE.
- P. INSTALL SIGNAL HEAD ON TOP OF POLE. RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD ON THE SIDE OF THE POLE.

GEOMETRIC LEGEND



UTILITY LEGEND



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 97 (GEORGIA AVENUE)
AND HEWITT AVENUE
ASPEN HILL, MARYLAND



TRAFFIC SIGNAL PLAN

APPROVALS	REVISIONS	SCALE 1"=20'	DATE 7/273	CONTRACT NO. M-973-385
 TEAM LEADER, TRAFFIC ENGINEERING DIVISION ASST. CHIEF TRAFFIC ENGINEERING DIVISION CHIEF TRAFFIC ENGINEERING DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY	① 1-23-2009 UPGRADE TO LED SIGNAL HEADS & INSTALL VIDEO DETECTION SHA # M05755-06 ② 9-2-2008 APSCPS UPGRADES & RELOCATE THE CROSSWALK TO NORTH LEG SHA # M0532513 ③ 12-17-99 REBUILD USING MAST ARM SHA # RRZ	DESIGNED BY D. LEONARDI	COUNTY MONTGOMERY	
		DRAWN BY GORDAN	LOGMILE 15009706.42	
		CHECKED BY	T.I.M.S. NO. J203	
		F.A.P. NO.	TOD NO.	
	TS NO. 973 D	DRAWING pSG OF P003	SHEET NO. 34E OF 56F	

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