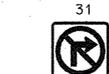


NOTE: MD 97 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

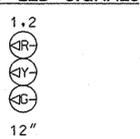
EXISTING VIDEO DETECTION TO REMAIN

a,b,c,d

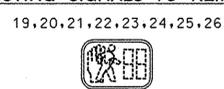


(FIBER OPTIC SIGN)

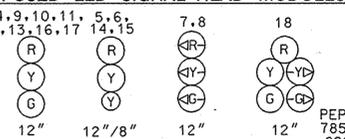
PROPOSED LED SIGNALS



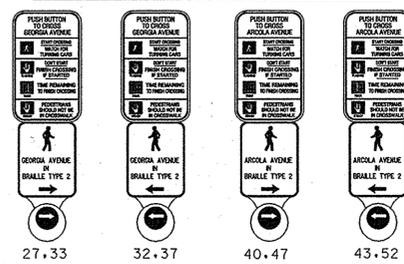
EXISTING SIGNALS TO REMAIN



PROPOSED LED SIGNAL HEAD MODULES



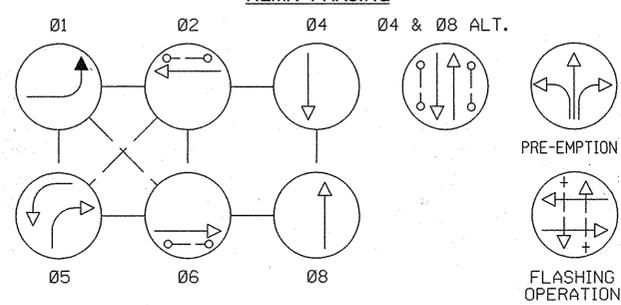
EXISTING ACCESSIBLE PUSHBUTTON AND SIGNS TO REMAIN



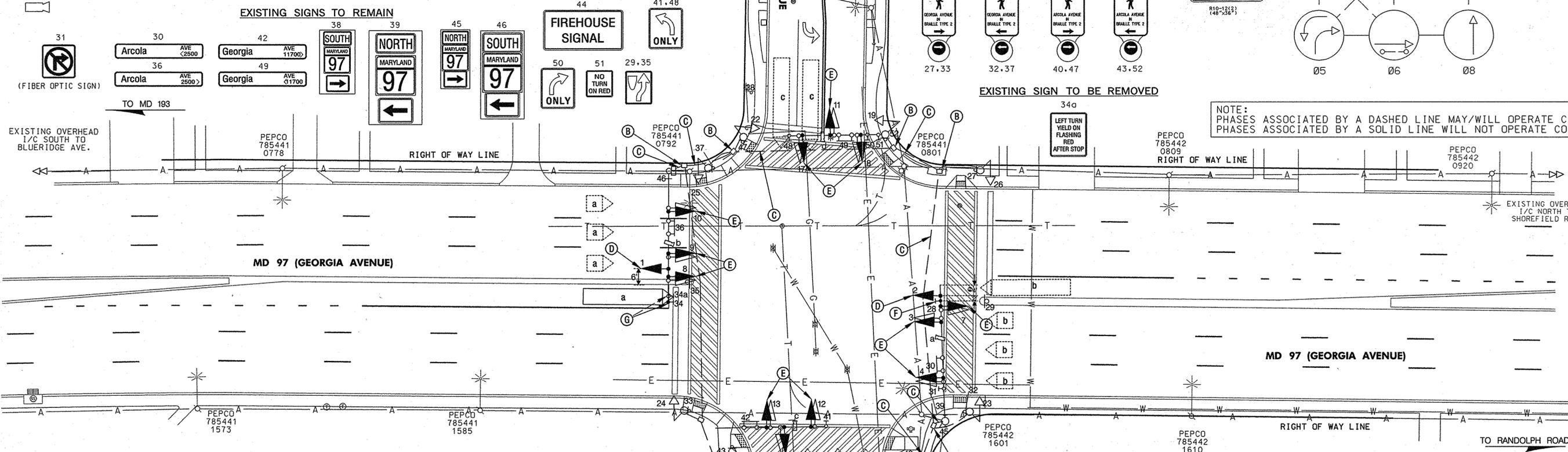
PROPOSED SIGNS



NEMA PHASING



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



CONSTRUCTION DETAILS

- A. USE EXISTING BASE MOUNTED CABINET.
- B. USE EXISTING HANDHOLE.
- C. USE EXISTING CONDUIT.
- D. INSTALL NEW VEHICULAR LED TRAFFIC SIGNAL HEAD.
- E. INSTALL LED SIGNAL HEAD MODULES.
- F. INSTALL OVERHEAD SIGN.
- G. REMOVE EXISTING SIGN #34a AND INSTALL PROPOSED SIGN #34 IN SAME LOCATION.

GENERAL NOTES

1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER. MONTGOMERY COUNTY WILL BE RESPONSIBLE FOR REPROGRAMMING CAMERA 'A' TO PICK UP NORTHBOUND LEFT TURN PRESENCE DETECTION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
4. MONTGOMERY COUNTY WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.

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

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APPROVALS	REVISIONS
TEAM LEADER	① INSTALL NB LT EXCLUSIVE LEFT TURN FLASHING RED ARROW PHASE AND LED
ASSY. DIV. CHIEF	② ADD 'APS AND COUNTDOWN PED. SIGNALS TO ALL APPROACHES
DIVISION CHIEF	③ MODIFY SB LT TO EXCLUSIVE LEFT TURN FLASHING RED ARROW
OFFICE DIRECTOR	

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 1/1/1972 CONTRACT NO. _____

DESIGNED BY _____ COUNTY MONTGOMERY
 DRAWN BY J.W.S. LOGMILE 15009702.94
 CHECKED BY _____ TMS NO. J197
 F.A.P. NO. _____ TOD NO. _____

TS NO. 211E DRAWING SG - 01 OF 02 SHEET NO. 1 OF 2

TOD NO. XX445104
 SHA NO. M0206451/BS1
 MD 97@ ARCOLA AVE