



MD 193 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION

EXISTING SIGNS TO REMAIN



EXISTING SIGNS TO BE REMOVED



PROPOSED SIGNS

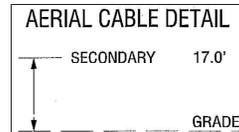
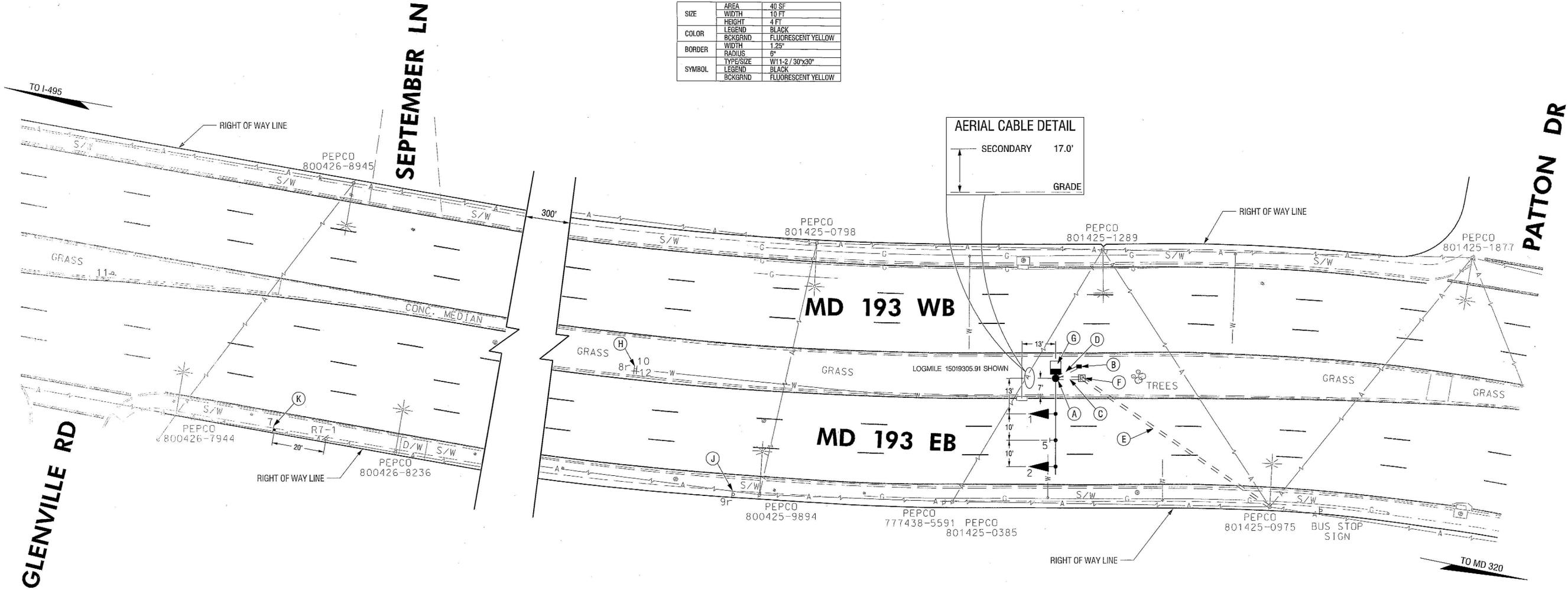


SIZE	AREA	40 SF
	WIDTH	10 FT
	HEIGHT	4 FT
COLOR	LEGEND	BLACK
	BCKGRND	FLUORESCENT YELLOW
BORDER	WIDTH	1.25"
	RADIUS	6"
	TYPE/SIZE	W11-2 / 30"x30"
SYMBOL	LEGEND	BLACK
	BCKGRND	FLUORESCENT YELLOW

PROPOSED LED SIGNALS



NEMA PHASING



CONSTRUCTION DETAILS

- A. INSTALL 27 FT STEEL POLE WITH A 60 FT MAST ARM (CUT TO 35 FT), INSTALL POLE MOUNTED CABINET, PROPOSED SIGNAL HEADS AND SIGN (NOTE: INSTALL 1-2" AND 1-3" SCHEDULE 80 90 DEGREE CONDUIT BENDS).
- B. INSTALL HANDHOLE.
- C. INSTALL 2" PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- D. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- E. INSTALL 4" PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED AND STUP UP AT THE BASE OF PEPCO POLE NO. 801425-0975.
- F. INSTALL METERED SERVICE PEDESTAL.
- G. INSTALL CONCRETE PAD 4 FT X 4 FT AS SHOWN.
- H. REMOVE ONLY THE EASTBOUND SPEED LIMIT SIGN AS SHOWN.
- J. REMOVE SIGN AND SUPPORT.
- K. INSTALL SIGN ON 4"X4" WOOD SUPPORT.

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN THE APPROPRIATE 800 SERIES STANDARD PLATES. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
4. THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE ADMINISTRATION AFTER NOTIFICATION BY THE ENGINEER.
5. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
6. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
7. THE CONTRACTOR SHALL CONTACT MR. KAMAL HAMUD AND MR. KEITH LORD AT MONTGOMERY COUNTY DOT AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

BY: mfukui

TOD NO:XX445-16
SHA NO:AX389A51/851
MD 193 SEPTEMBER LA. TO WEST
PARK DR.

LOGMILE NOTE: 15019305.91 /15019306.51 /16019301.56



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 193 (UNIVERSITY BLVD) E/B WEST OF MD 195 (CARROLL AVE)
HIB RELOCATION FROM MD 193 E/B EAST OF MD 195

SILVER SPRING, MD /HYATTSVILLE, MD

SIGNALIZATION PLAN SHEET

SCALE 1"=20' DATE JULY 1, 2009 CONTRACT NO. XX4455185

DESIGNED BY M. FUKUI COUNTY MONTGOMERY PRINCE GEORGE'S

DRAWN BY M. FUKUI LOGMILE 15019306.58

CHECKED BY TIMS NO. J522

F.A.P. NO. TOD NO.

TS NO. 4773A DRAWING - OF SHEET NO. 1 OF 3

APPROVALS	REVISIONS
<i>[Signature]</i> 6/29/09 TEAM LEADER	
<i>[Signature]</i> 6/29/09 ASSY. DIR. CHIEF	
<i>[Signature]</i> 7/1/09 DIVISION CHIEF	
<i>[Signature]</i> 7/1/09 OFFICE DIRECTOR	

A. RELOCATED HIB FROM EAST OF MD 195 TO WEST OF MD 195 7/1/2009