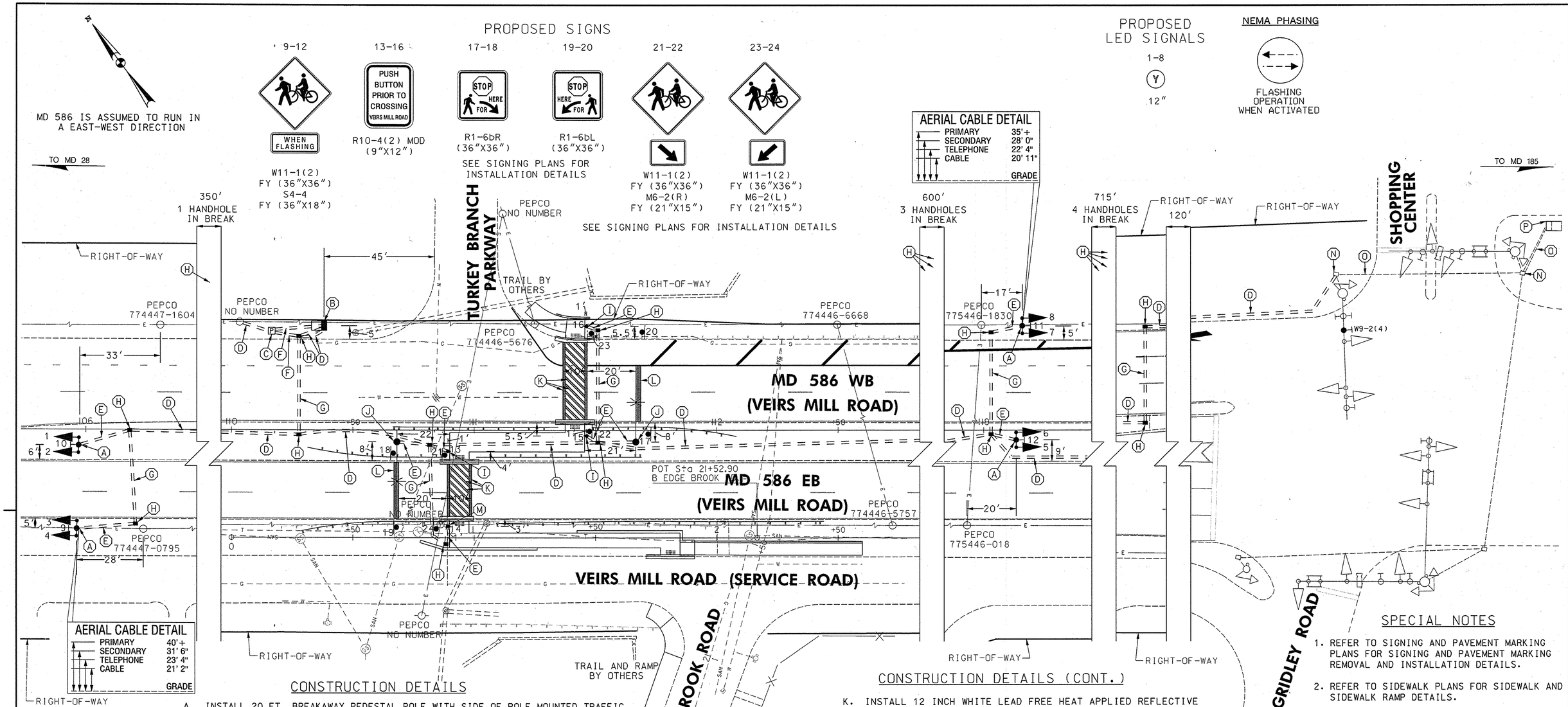

CONSTRUCTION DETAILS

A. INSTALL 20 FT. BREAKAWAY PEDESTAL POLE WITH SIDE OF POLE MOUNTED TRAFFIC SIGNAL HEADS AND SIGNS. CUT, CLEAN, GALVANIZE AND CAP PEDESTAL POLE TO MAINTAIN 3 FT. CLEARANCE TO OVERHEAD UTILITIES. SIGNS SHALL BE INSTALLED TO MAINTAIN 7 FT. CLEARANCE FROM ROADWAY. PEDESTAL POLES INSTALLED IN MEDIAN SHOULD MATCH THE HEIGHT OF PEDESTAL POLE LOCATED ON RIGHT SIDE OF ROADWAY. INSTALL 1-3 IN. PVC CONDUIT BEND IN POLE BASE.

B. INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER. INSTALL 2-2 IN. AND 2-4 IN. PVC CONDUIT BENDS.

C. INSTALL METERED SERVICE PEDESTAL - EMBEDDED.

D. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

E. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

F. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED.

H. INSTALL ELECTRICAL HANDHOLE.

I. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN PUSHBUTTON WITH LED INDICATOR AND SIGN. INSTALL 1-3 IN. PVC CONDUIT BEND IN POLE BASE.

J. INSTALL 30 FT. STEEL STRAIN POLE WITH 15 FT. BRACKET ARM AND 250 WATT HPS LUMINAIRE WITH PHOTOCELL. INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. STRAIN POLE SHALL BE FURNISH BY SHA AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUPPLY ANCHOR BOLTS (1.75"X66").

CONSTRUCTION DETAILS (CONT.)

K. INSTALL 12 INCH WHITE LEAD FREE HEAT APPLIED REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.

L. INSTALL 24 INCH WHITE LEAD FREE HEAT APPLIED REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.

M. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN PUSHBUTTON WITH LED INDICATOR AND SIGN. INSTALL 1-3 IN. PVC CONDUIT BEND IN POLE BASE. USE STANDARD MD 801.01-01.

N. USE EXISTING HANDHOLE.

O. USE EXISTING CONDUIT.

P. USE EXISTING CABINET. SPLICE INTERCONNECT CABLE.

SPECIAL NOTES

1. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR SIGNING AND PAVEMENT MARKING REMOVAL AND INSTALLATION DETAILS.
2. REFER TO SIDEWALK PLANS FOR SIDEWALK AND SIDEWALK RAMP DETAILS.
3. REFER TO SIDEWALK PLANS FOR GUARD RAIL DETAILS.
4. SHA DISTRICT 3 WILL FURNISH AND INSTALL ALL PAVEMENT MARKINGS EXCEPT CROSSWALKS AND STOP LINES.

CROSSWALK DETAIL

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

BY: BJG

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APPROVALS	
TEAM LEADER	5/15/2008
ASST. DIV. CHIEF	5/15/08
DIVISION CHIEF	5/16/08
OFFICE DIRECTOR	5/16/08

REVISIONS

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

MD 586 MATTHEW HENSON TRAIL CROSSING
SILVER SPRING, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE MAY 2008 CONTRACT NO. AT9105185

DESIGNED BY BJG COUNTY MONTGOMERY
DRAWN BY BJG LOGMILE 15058603.04
CHECKED BY DAE TIMS NO. 1839
FAP NO. TOD NO.

TS NO. 4650 DRAWING SP-1 OF 2 SHEET NO. 2 OF 15

PLOTTED: Thursday, May 08, 2008 AT 10:54 AM
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