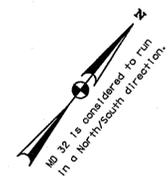
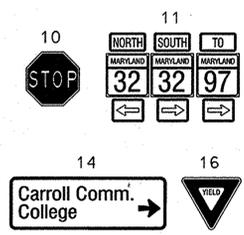
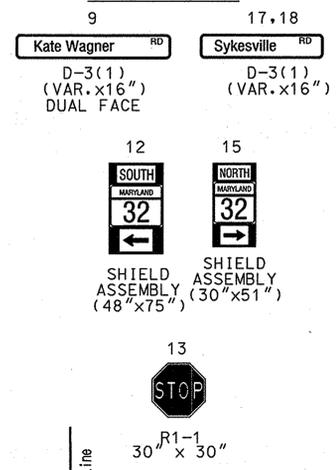


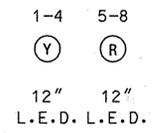
EXISTING SIGNS



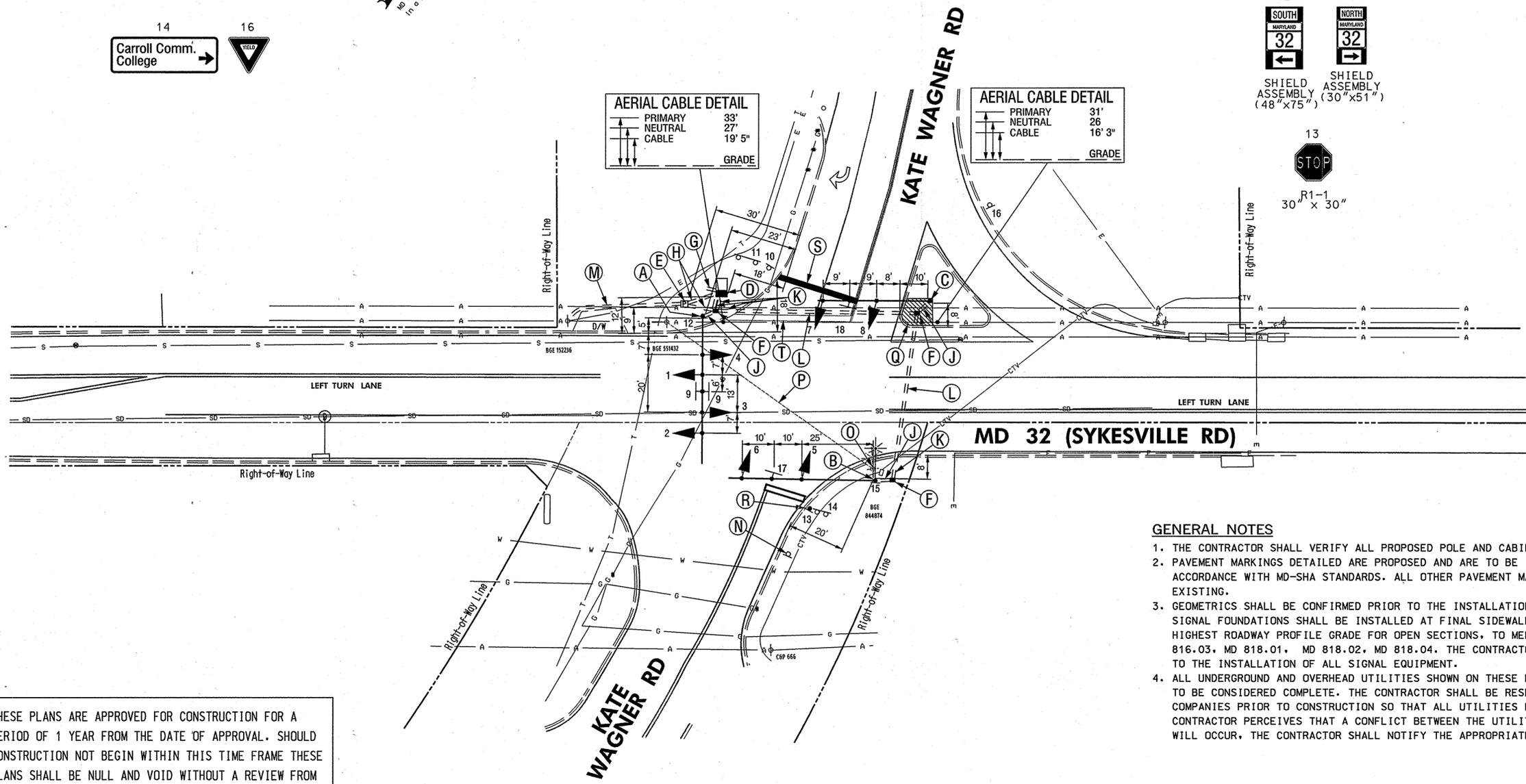
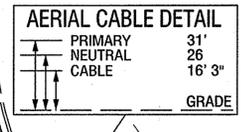
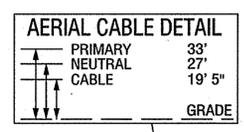
PROPOSED SIGNS



PROPOSED SIGNALS



NEMA PHASING



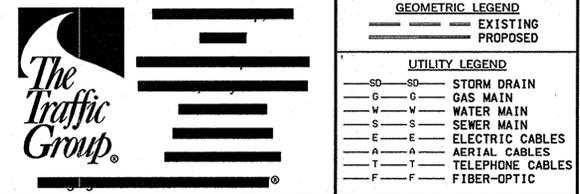
THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MD-SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS ARE TO BE CONSIDERED AS EXISTING.
3. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES 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 EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

CONSTRUCTION DETAILS

- A. INSTALL 16-1/2 FT. STEEL MONO CURVE MAST ARM POLE WITH A 50 FT. MAST ARM WITH 15 FT. "T" SIGNAL HEADS AND SIGNS (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- B. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGN, 10 FT. LUMINAIRE ARM AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- C. INSTALL 21 FT. (CUT FROM A 27 FT.) STEEL POLE WITH A 38 FT. MAST ARM AND SIGNAL HEADS (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
- D. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
- E. INSTALL METERED SERVICE PEDESTAL FOR UNDERGROUND ELECTRICAL SERVICE PER MD-SHA TYPICAL 807.05-01.
- F. INSTALL HANDHOLE.
- G. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FOR PHONE SERVICE TO BE DETERMINED IN THE FIELD.
- H. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- K. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- L. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - PUSHED
- M. INSTALL 4 IN. CONDUIT TO BASE OF POLE FOR AN UNDERGROUND ELECTRICAL SERVICE BY BGE.
- N. REMOVE EXISTING GROUND MOUNTED SIGN.
- O. EXISTING UTILITY POLE AND LUMINAIRE TO BE REMOVED BY OTHERS.
- P. OVERHEAD SERVICE FOR LUMINAIRE TO BE REMOVED BY OTHERS.
- Q. REMOVE AND REPLACE CONCRETE IN ISLAND FOR SIGNAL EQUIPMENT.
- R. INSTALL GROUND MOUNTED SIGN.
- S. INSTALL 24 IN. WIDE WHITE THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- T. REMOVE EXISTING STOP LINE BY GRINDING.



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

MD 32 (SYKESVILLE RD) AT KATE WAGNER RD

APPROVALS	REVISIONS
<i>[Signature]</i> 11/25/08 TEAM LEADER	
<i>[Signature]</i> 11/24/08 ASSISTANT CHIEF	
<i>[Signature]</i> 12/11/08 DIVISION CHIEF	
<i>[Signature]</i> 12/11/08 OFFICE DIRECTOR	

TRAFFIC SIGNAL PLAN - I.C.B.	
SCALE 1" = 20'	DATE NOVEMBER 12, 2008 CONTRACT NO. EW996M82
DESIGNED BY J. STORCK	COUNTY CARROLL
DRAWN BY J. STORCK	LOGMILE 06003214.97
CHECKED BY	TIMS NO. J192
F.A.P. NO. N/A	TOD NO. N/A
TS NO. 4697	DRAWING SG-01 OF 01 SHEET NO. 1 OF 2

PLOTTED: Tuesday, November 25, 2008 at 2:32:23 PM
FILE: PEG-P001_MDS@KATEWAGNER.dwg

BY: cward

