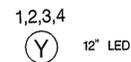


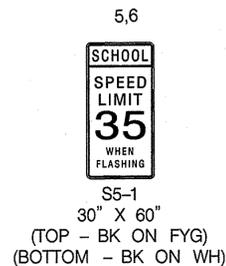


MD 351 (BALLENGER CREEK PIKE)
IS CONSIDERED TO RUN IN A
NORTHSOUTH DIRECTION

PROPOSED SIGNALS

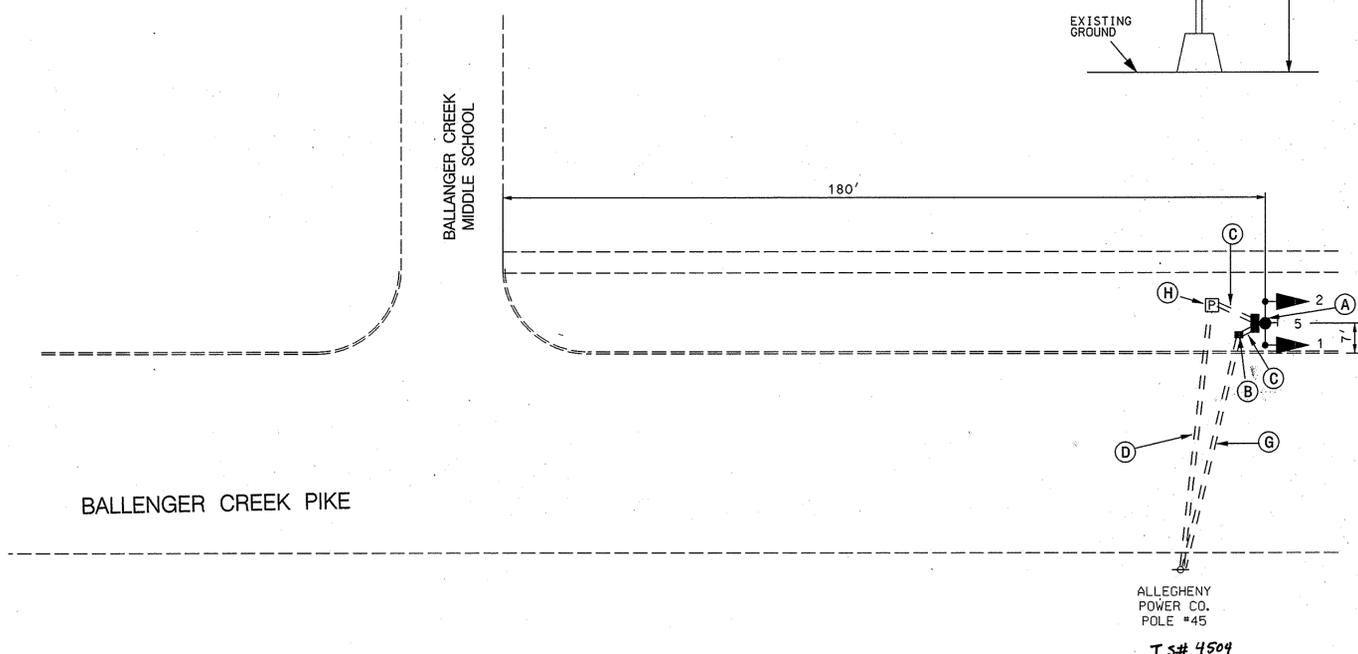
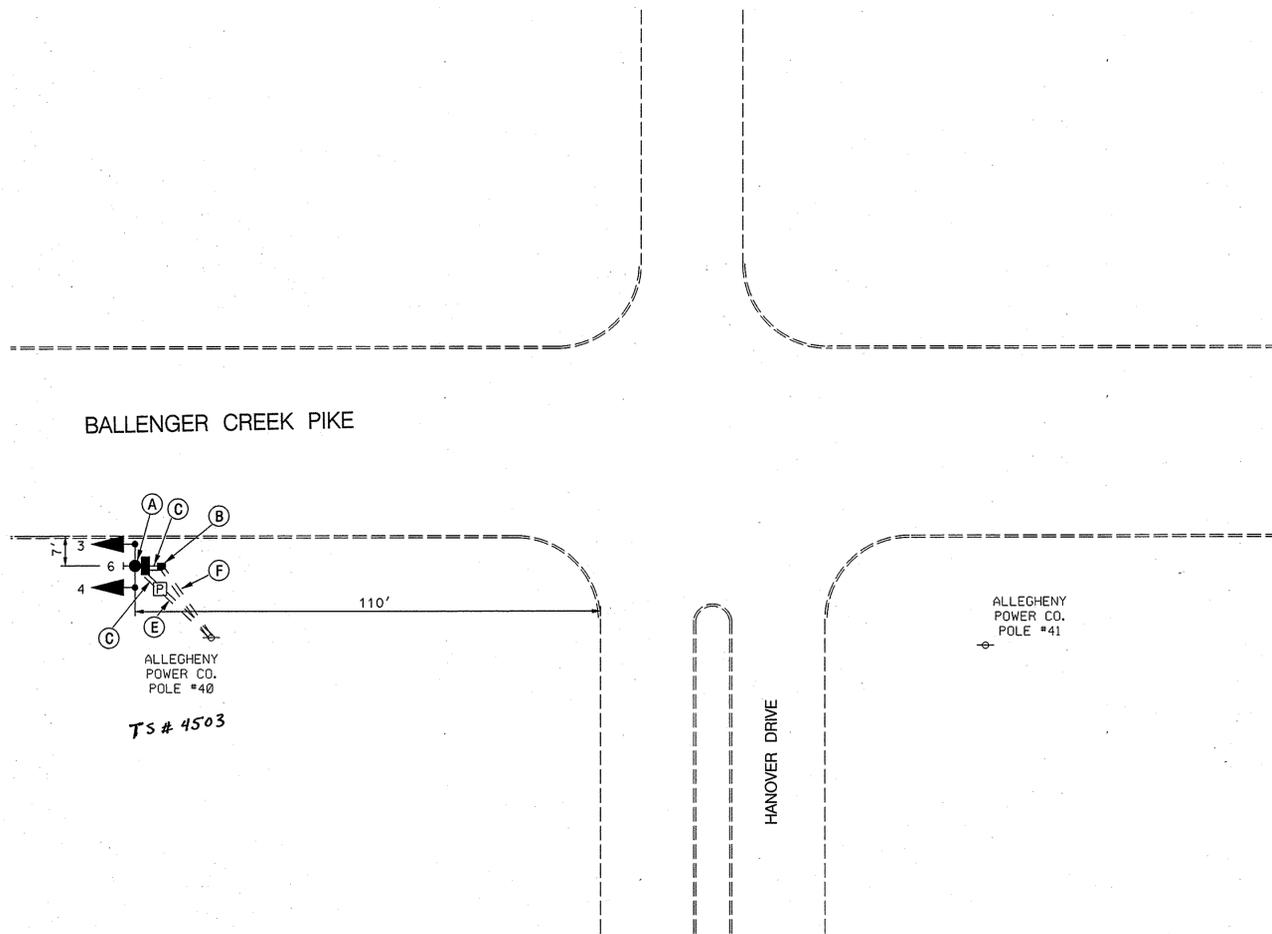
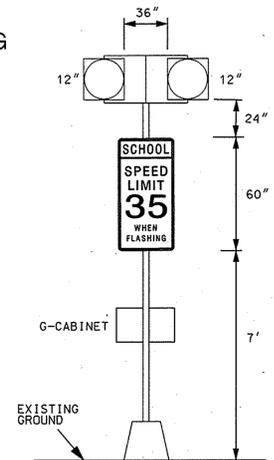
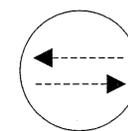


PROPOSED SIGNS



NEMA PHASING

FLASHING OPERATION



GENERAL NOTES:

1. ALL UNDERGROUND 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.
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 MD 816.03, MD 818.01, MD 818.02 AND MD 818.04 THE CONTRACTOR SHALL VERIFY GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH 14' STEEL PEDESTAL POLE, BREAKAWAY BASE, CONCRETE PAD, POLE MOUNTED G CABINET, SIGNAL HEADS AND SIGN. (NOTE: 2 - 2" PVC SCHEDULE 80 CONDUIT BENDS)
- B. INSTALL HANDHOLE.
- C. INSTALL 2" PVC SCHEDULE 80 CONDUIT - TRENCHED.
- D. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND SERVICE BY ALLEGHENY POWER COMPANY - BORED.
- E. INSTALL 3" PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND SERVICE BY ALLEGHENY POWER COMPANY - TRENCHED.
- F. INSTALL 2" PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR PROPOSED TELEPHONE DROP - TRENCHED.
- G. INSTALL 2" PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR PROPOSED TELEPHONE DROP - BORED.
- H. INSTALL ELECTRICAL SERVICE PEDESTAL EQUIPMENT - UNDERGROUND.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

— A —	A	AERIAL CABLE
— E —	E	ELECTRIC
— T —	T	TELEPHONE
— G —	G	GAS
— S —	S	SEWER
— W —	W	WATER
— TV —	TV	CABLE TV
— SD —	SD	STORM DRAIN

SHA No.: BW503M83

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

MD 351 (BALLENGER CREEK PIKE)
FARMBROOK RD. TO LAMBERT DR.

SPEED LIMIT SIGN BEACONS	
SCALE 1" = 20'	DATE 6/23/2006 CONTRACT NO. _____
DESIGNED BY NJK	COUNTY FREDERICK
DRAWN BY NJK	LOGMILE 10035103.48 / 10035102.70
CHECKED BY RJM	T. I. M. S. NO. H666
F. A. P. NO. _____	TDD NO. _____
DRAWING NO. 4503/4504	SG-1 OF SG-2 SHEET NO. 5 OF 6

APPROVALS	REVISIONS
<p>TEAM LEADER <i>[Signature]</i> 7/17/06</p> <p>ASSIST. DIVISION CHIEF <i>[Signature]</i> 7-10-06</p> <p>DIVISION ENGINEER <i>[Signature]</i> 7/24</p> <p>OFFICE DIRECTOR</p>	

PLOTTED: 8/24/2006 10:05
FILE: 4503

BY: \$USERNAME\$

BAI
BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045
410-884-3607 410-884-3609 (FAX)