

BORDER REV. DATE: Month/Year/2008

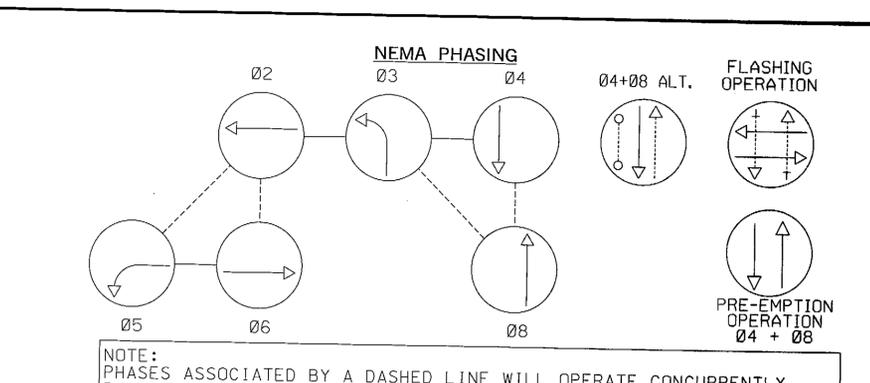
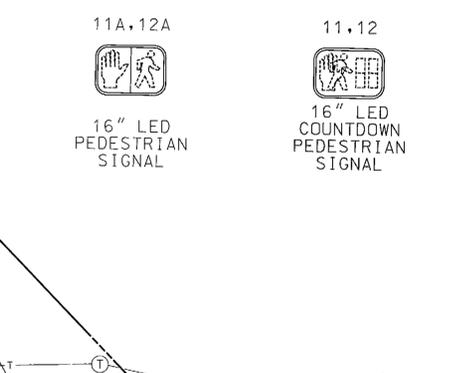
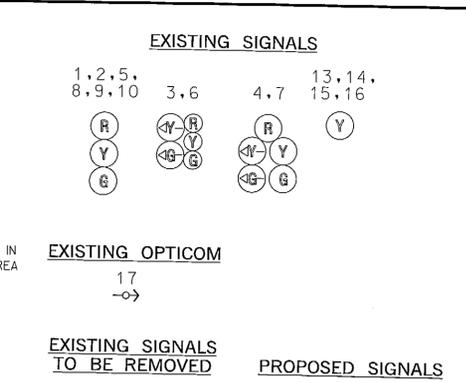
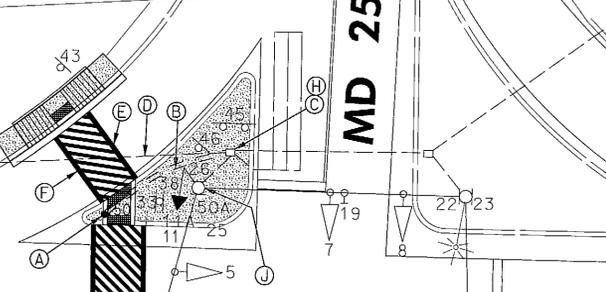
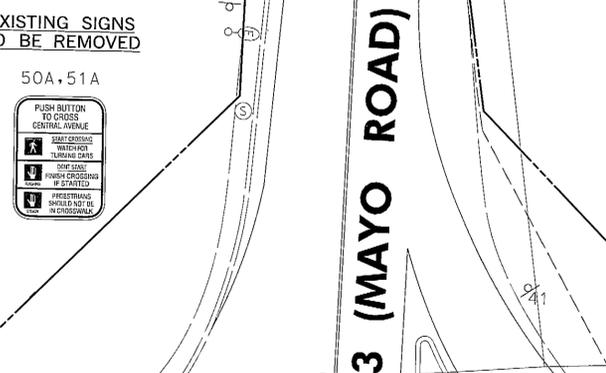
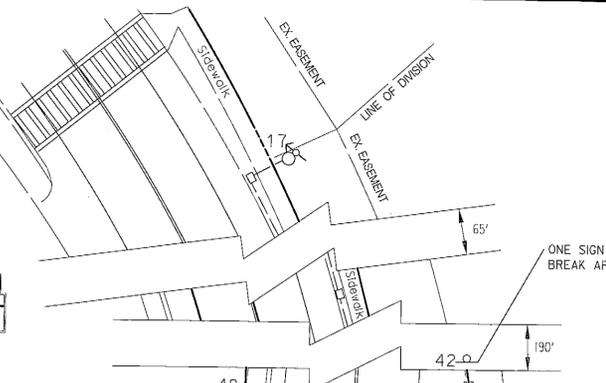
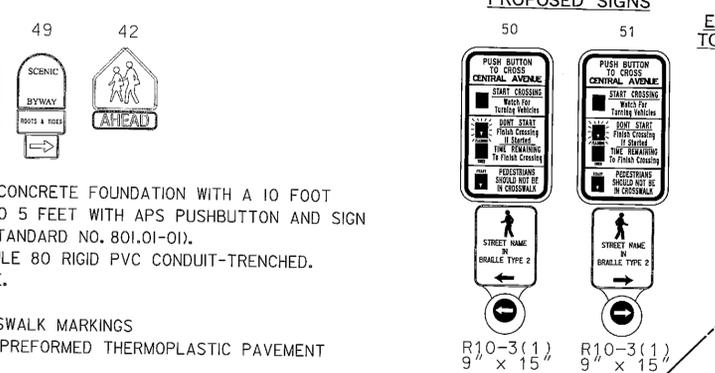
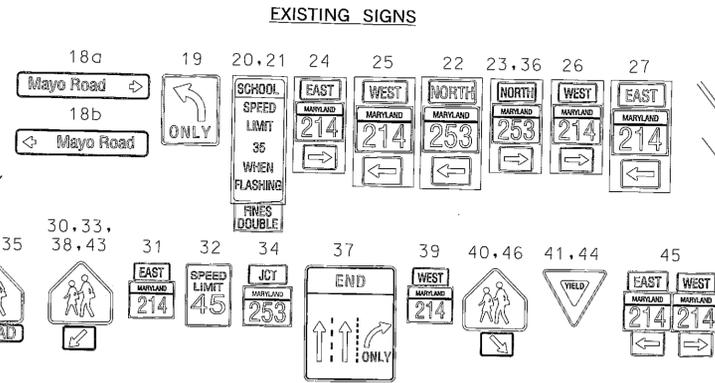
DRILL HOLES

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BY: Joost Van Boekhold Division: P068 Highway Traffic/GMA Emp

MD 214 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



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

GENERAL NOTES:
1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL PROJECT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED FROM TRAFFIC SIGNAL CONDUITS.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS CONTACT THE PROJECT ENGINEER.
6. 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, MD 818.04.
7. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
8. CONTRACTOR TO REMOVE EXISTING LANDSCAPE AS NECESSARY TO INSTALL TRAFFIC SIGNAL EQUIPMENT.
9. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
10. RIGHT-OF-WAY INFORMATION AS SHOWN ON SIGNAL PLAN OF RECORD.

- CONSTRUCTION DETAILS**
- A INSTALL AN 18" BY 36" CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE CUT TO 5 FEET WITH APS PUSHBUTTON AND SIGN (1- 3" CONDUIT BEND) (STANDARD NO. 801.01-01).
 - B INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED.
 - C USE EXISTING HANDHOLE.
 - D USE EXISTING CONDUIT.
 - E REMOVE EXISTING CROSSWALK MARKINGS
 - F INSTALL 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES.
 - G USE EXISTING CONTROLLER.
 - H ADJUST EXISTING HANDHOLE.
 - I REMOVE EXISTING PEDESTRIAN SIGNAL HEAD. INSTALL NEW PEDESTRIAN SIGNAL HEAD.
 - K REMOVE ARROW PANEL.

- APS PUSHBUTTON NOTES:**
- 1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
 - 2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
 - 3. PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG 4E.2 AND NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNAL: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
 - 4. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
 - 5. SIGNAL POLES WITH PUSHBUTTONS MAY HAVE THE FOUNDATION INSTALLED AS PART OF THE CURB OR SIDEWALK AS DIRECTED BY THE ENGINEER.

KCI TECHNOLOGIES
ENGINEERS
PLANNERS
SCIENTISTS
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TELEPHONE: (410) 316-7800
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GEOMETRIC LEGEND

— EXISTING
— PROPOSED

UTILITY LEGEND

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

TOD NO: XY139-04
SHA NO: AA189B54
MD 2, MD 214A, MD 253 Varicus
Locations

APPROVALS	REVISIONS
TEAM LEADER	UPGRADE WITH APS, CPS AND ADA RAMPS 01-2013 TIMS# L652 SHA. NO. XY139B/05 AM/ACL/CLM DATE 02/2009
ASSY. DIV. CHIEF	TIMS# 1048 SHA. NO. AT9365185 SWA
DIVISION CHIEF	MODIFY EXISTING TRAFFIC SIGNAL POWER FEED TO METER SERVICE PEDESTAL 4/2007 SWA
OFFICE DIRECTOR	

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 214 (CENTRAL AVENUE) AT MD 253 (MAYO)
ROAD/ENTRANCE TO CENTRAL SCHOOL COMPLEX
EDGEWATER, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE JULY 26, 1977 CONTRACT NO. _____

DESIGNED BY _____	COUNTY ANNE ARUNDEL
DRAWN BY GFD/DJD	LOGMILE 02021406.63
CHECKED BY ADB/	TMS NO. _____
F.A.P. NO. _____	TOD NO. _____

TS NO. 1522-I DRAWING SG-1 OF 3 SHEET NO. 16 OF 21

PLOTTED: 08:54 AM on Tuesday, January 15, 2013
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