

DRILL HOLES

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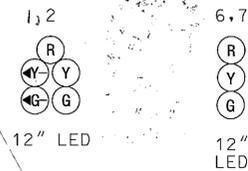
DRILL HOLES

By: Aaron Hottenstein Division: P068 Highway Traff GMA Emp

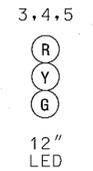


MD 30 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

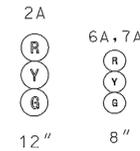
PROPOSED SIGNALS



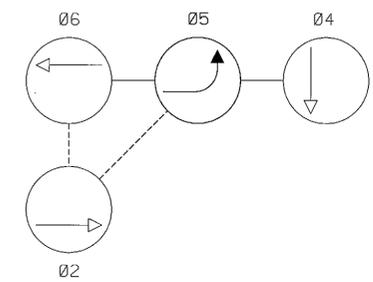
EXISTING SIGNALS TO REMAIN



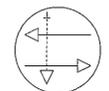
EXISTING SIGNALS TO BE REMOVED



NEMA PHASING

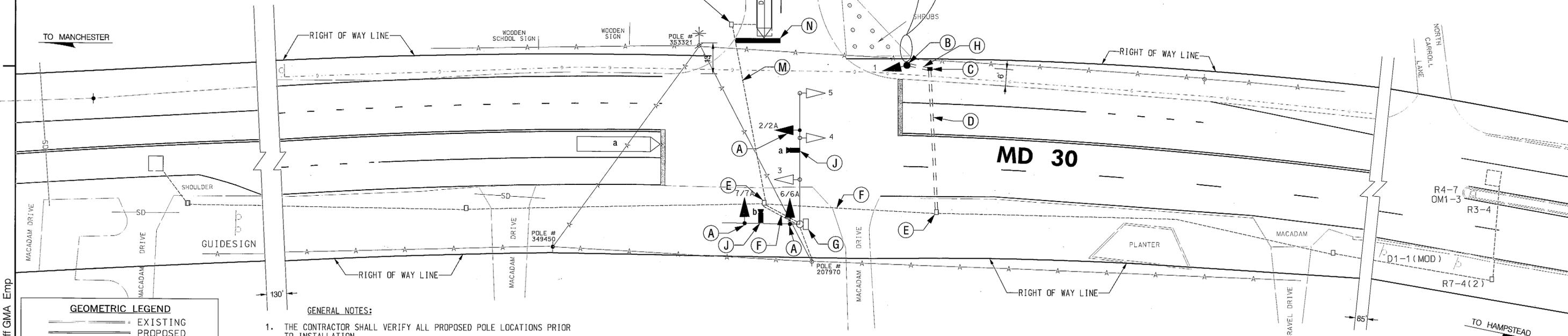


FLASHING OPERATION



NOTE: THIS INTERSECTION OPERATES WITH A LAG LEFT TURN  
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

AERIAL CABLE DETAIL



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 THE TRAFFIC SIGNAL CONDUITS.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS OCCUR, 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 818.01.
7. RIGHT-OF-WAY INFORMATION AS SHOWN ON SIGNAL PLAN OF RECORD.

CONSTRUCTION DETAILS

- A. REMOVE EXISTING TRAFFIC SIGNAL HEAD AND INSTALL NEW LED TRAFFIC SIGNAL HEAD ON MAST ARM.
- B. INSTALL BREAKAWAY 10 FOOT PEDESTAL POLE WITH TRAFFIC SIGNAL HEAD AND CONCRETE FOUNDATION (1-3" CONDUIT BEND).
- C. INSTALL ELECTRICAL HANDHOLE.
- D. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
- E. USE EXISTING HANDHOLE.
- F. USE EXISTING CONDUIT.
- G. USE EXISTING CONTROLLER.
- H. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- J. INSTALL VIDEO DETECTION CAMERA.
- K. ABANDON EXISTING LOOP DETECTOR.
- L. REMOVE EXISTING HANDHOLE.
- M. CAP AND ABANDON EXISTING CONDUIT.
- N. INSTALL 24 INCH WHITE THERMOPLASTIC PAVEMENT LINE MARKING.

TOD NO: XX524-01  
SHA NO: CL201851  
MD 30 @ North Carroll Middle School

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 30 AT NORTH CARROLL MIDDLE SCHOOL  
MANCHESTER, MARYLAND

**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

**KCI TECHNOLOGIES**  
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APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	ADD SB LEFT TURN PHASE 5-2013 TIMS: L870 SHA NO. XX5245185
DIVISION CHIEF	KCI ASBUILT 102690
OFFICE DIRECTOR	LMG

TRAFFIC SIGNAL PLAN	
SCALE 1" = 20'	ADVERTISED DATE 09/25/87 CONTRACT NO. OT-7-88
DESIGNED BY R. CHRISTMAN OF CENTURY	COUNTY CARROLL
DRAWN BY J. GREEZICKI OF CENTURY	LOGMILE 06003005.35
CHECKED BY DENNIS J. DODA	TIMS NO.
F.A.P. NO. NA	TOD NO.
TS NO. 2383B	DRAWING SG-1 OF 2 SHEET NO. 1 OF 2