

GRADE WORK AREA TO MEET PROPOSED FOOTING. ADJUST DITCH OFFSET AS NECESSARY

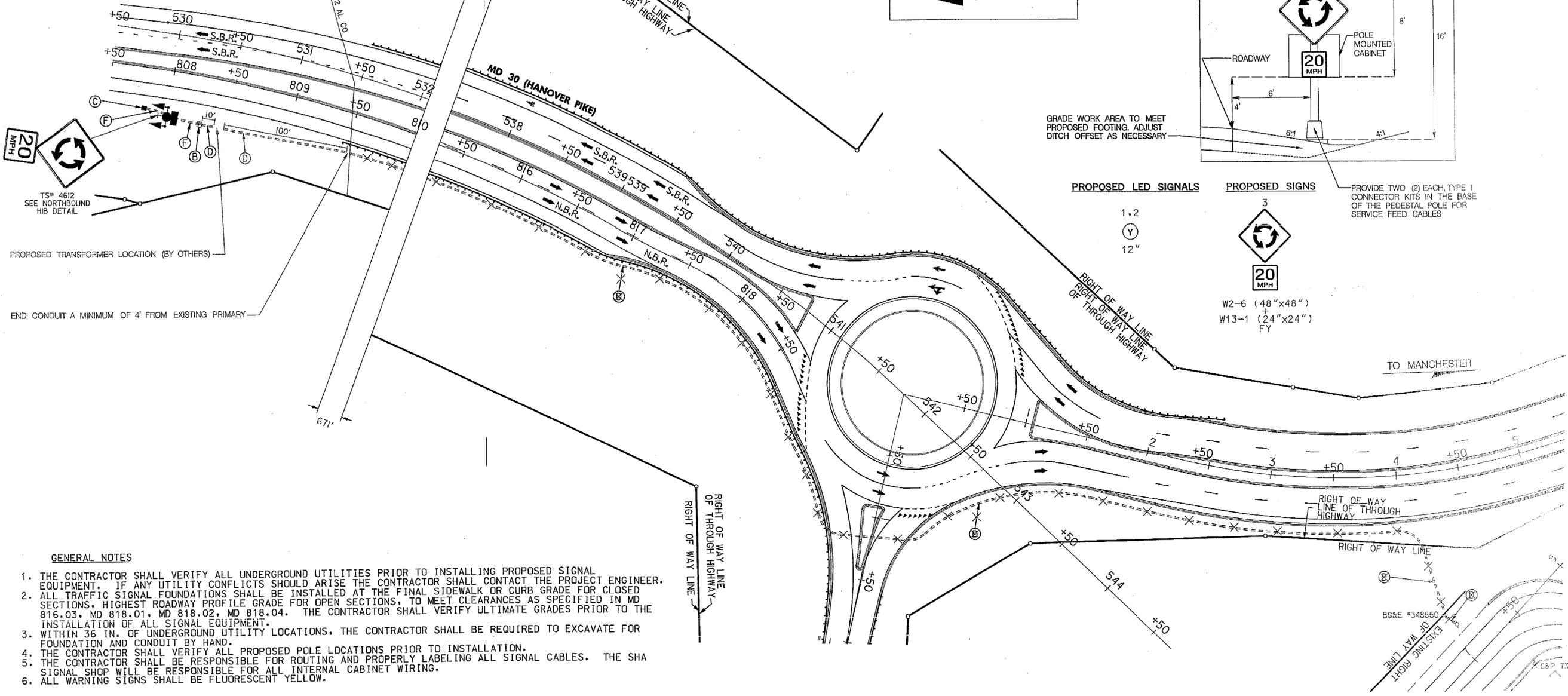
**PROPOSED LED SIGNALS**



**PROPOSED SIGNS**



PROVIDE TWO (2) EACH, TYPE I CONNECTOR KITS IN THE BASE OF THE PEDESTAL POLE FOR SERVICE FEED CABLES



**GENERAL NOTES**

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
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, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
4. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
6. ALL WARNING SIGNS SHALL BE FLUORESCENT YELLOW.

**CONSTRUCTION DETAILS**

- A. INSTALL 20 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION, LED SIGNAL HEADS, FLASHER CABINET AND CONTROLLER, AND W2-6 + W13-1 SIGNS (NOTE: 3-2 IN. 90 DEGREE BENDS). CUT AND CAP POLE AS NECESSARY.
- B. INSTALL METERED SERVICE PEDESTAL (NOTE: 2-2 IN. 90 DEGREE BENDS).
- C. INSTALL ELECTRICAL HANDHOLE.
- D. INSTALL 4 IN. SCHEDULE 80 40 RIGID PVC ELECTRICAL CONDUIT - TRENCHED (PRIOR TO ROADWAY CONSTRUCTION) AT A MINIMUM DEPTH OF 36" FOR PROPOSED UNDERGROUND POWER SERVICE. THE CONTRACTOR SHALL CAP AND MARK CONDUIT AND LEAVE A 1/4" STUB WITH PULL STRING AT PROPOSED SPLICE AND TRANSFORMER LOCATIONS BASE OF UTILITY POLE FOR USE BY OTHERS. CONDUIT SHALL TERMINATE A MINIMUM OF 4' FROM EXISTING UNDERGROUND PRIMARY.
- F. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
- G. INSTALL 36 IN. x 48 IN. CONCRETE PAD, 5 IN. DEPTH.

**UTILITY LEGEND**

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

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 30 RELOCATED  
FROM SOUTH OF WOLF HILL DRIVE TO NORTH OF HAMPSTEAD  
NORTH TIE-IN HIB INSTALLATION

4/01/08 - FIELD CHANGE

APPROVALS	REVISIONS
TEAM LEADER	
ASSIST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

**TRAFFIC SIGNALIZATION PLAN**

SCALE 1" = 40' DATE 08/2007 CONTRACT NO. CL1165370

DESIGNED BY DSU COUNTY CARROLL  
DRAWN BY JEH LOG/MILE 06033000.70-063004.30  
CHECKED BY DSU T.I.M.S. NO. F107  
F.A.P. NO. ACHP-2921(00)NAC-NH-107-1(0)N TOD NO.

TS NO. 4612 DRAWING SG-05 OF 19 SHEET NO. 17 OF 82

ISSUED FOR CONSTRUCTION 8/30/07 - SUBMITTAL #20

BY: jholloway

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**MAGNANI**

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