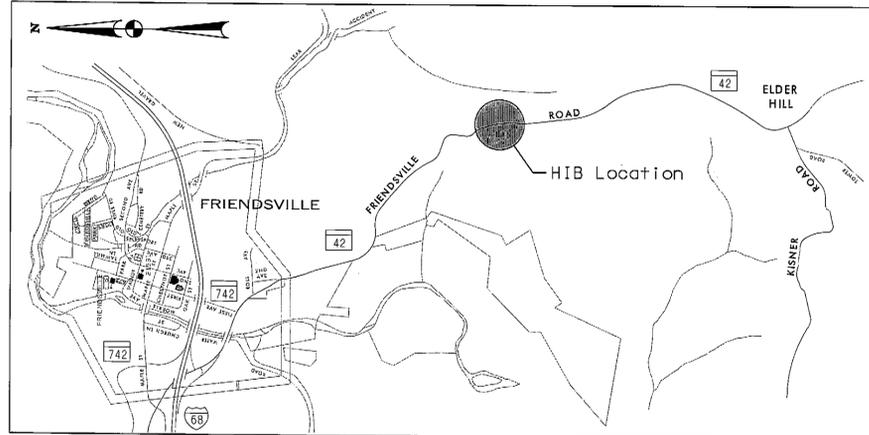


**PROJECT DESCRIPTION**

THIS PROJECT INVOLVES THE INSTALLATION OF HAZARD IDENTIFICATION BEACONS ON A PROPOSED WARNING SIGN (MOUNTED ON STEEL SUPPORTS) ALONG MD 42. STREET LIGHT POLES WILL BE ALSO INSTALLED ALONG A MANDATORY TRUCK STOP ON NORTHBOUND MD 42. MD 42 IS LOCATED IN GARRETT COUNTY AND IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

**PROJECT LOCATION**



NOT TO SCALE

**INTERSECTION OPERATION**

A TWO CIRCUIT FLASHER WITH DIMMER SWITCH HOUSED IN A POLE MOUNTED FLASHER CABINET WILL BE INSTALLED AT THIS LOCATION. THE HAZARD IDENTIFICATION BEACONS WILL HAVE ALTERNATE FLASHING YELLOW INDICATIONS.

**CONTROLLER REQUIREMENTS**

INSTALL A POLE MOUNTED FLASHER CABINET WITH A TWO CIRCUIT FLASHER AT THIS LOCATION.

CONTACT PERSONS FOR DISTRICT # 6 ARE AS FOLLOWS:

MR. GEORGE H. SMALL  
ASSISTANT DISTRICT  
ENGINEER-TRAFFIC  
PHONE: (301) 729-8444

MR. ANTHONY CRAWFORD  
ASSISTANT DISTRICT  
ENGINEER-MAINTENANCE  
PHONE: (301) 729-8457

MR. DAVID LARRICK  
ACTING UTILITY ENGINEER  
PHONE: (301) 729-8420

MR. BUTCH ARMENTROUT  
CHIEF, RIGHT-OF-WAY  
PHONE: (301) 729-8472

CONTACT PERSONS FOR OOTS ARE AS FOLLOWS:

MR. RICHARD L. DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS  
DIVISION  
PHONE: (410) 787-7630

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF  
TRAFFIC OPERATIONS  
410-787-7630

MR. ED RODENHIZER  
CHIEF, SIGNAL OPERATIONS  
410-787-7650

MR. EUGENE BAILEY  
CHIEF, SIGN OPERATIONS  
410-787-7676

THE POWER COMPANY IS:

ALLEGHENY POWER  
12454 GARRETT HIGHWAY  
OAKLAND, MD 21550  
MARK WILSON (301) 533-3310

**EQUIPMENT LIST "A"**

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

| ITEM NO. | DESCRIPTION                  | UNIT | QUANTITY |
|----------|------------------------------|------|----------|
| 9000     | FLASHER CABINET - POLE MOUNT | EA   | 1        |
| 9012     | 2 CIRCUIT FLASHER            | EA   | 1        |

**EQUIPMENT LIST "B"**

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

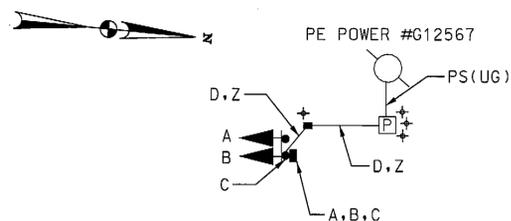
| ITEM NO. | DESCRIPTION  | UNIT | QUANTITY |
|----------|--|------|----------|
| 1001     | MAINTENANCE OF TRAFFIC                               | EA   | 1        |
| 2002     | TEST PIT EXCAVATION                                  | CY   | 2        |
| 6003     | F&I 4" CONCRETE SIDEWALK                             | SF   | 16       |
| 8001     | F&I 12 INCH LED SIGNAL HEAD SECTION                  | EA   | 2        |
| 8029     | F&I 1" GALVANIZED RISER                              | LF   | 20       |
| 8036     | F&I SCHEDULE 80 RIGID PVC CONDUIT UP TO 4"- TRENCHED | LF   | 690      |
| 8042     | F&I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE       | LF   | 700      |
| 8044     | F&I METERED SERVICE PEDESTAL EMBEDDED                | EA   | 1        |
| 8046     | F&I ELECTRICAL CABLE 1-CONDUCTOR NO. 4 AWG-THHN/THWN | LF   | 545      |
| 8047     | F&I ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-THHN/THWN | LF   | 1640     |
| 8048     | F&I ELECTRICAL HANDHOLE                              | EA   | 1        |
| 8055     | F&I ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)      | LF   | 45       |
| 8056     | F&I ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)      | LF   | 20       |
| 8059     | F&I ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG) TC   | LF   | 125      |
| 8064     | INSTALL CONTROLLER AND CABINET - POLE MOUNT          | EA   | 1        |
| 8067-A   | F&I 40' LIGHTING STRUCTURE AND FOUNDATION, 20' ARM   | EA   | 2        |
| 8070-A   | F&I 250W HPS LAMP & LUMINAIRE                        | EA   | 2        |
| 8071-A   | F&I CONNECTOR KITS - ANY TYPE                        | EA   | 8        |
| 8072-A   | F&I PHOTOCELL  | EA   | 1        |
| 8073-A   | F&I 1 1/2" DIA. RIGID STEEL CONDUIT, SCHEDULE 40     | LF   | 30       |

**EQUIPMENT LIST "C"**

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND RETURNED TO SHA.

NONE

**TRAFFIC SIGNAL WIRING DIAGRAM**

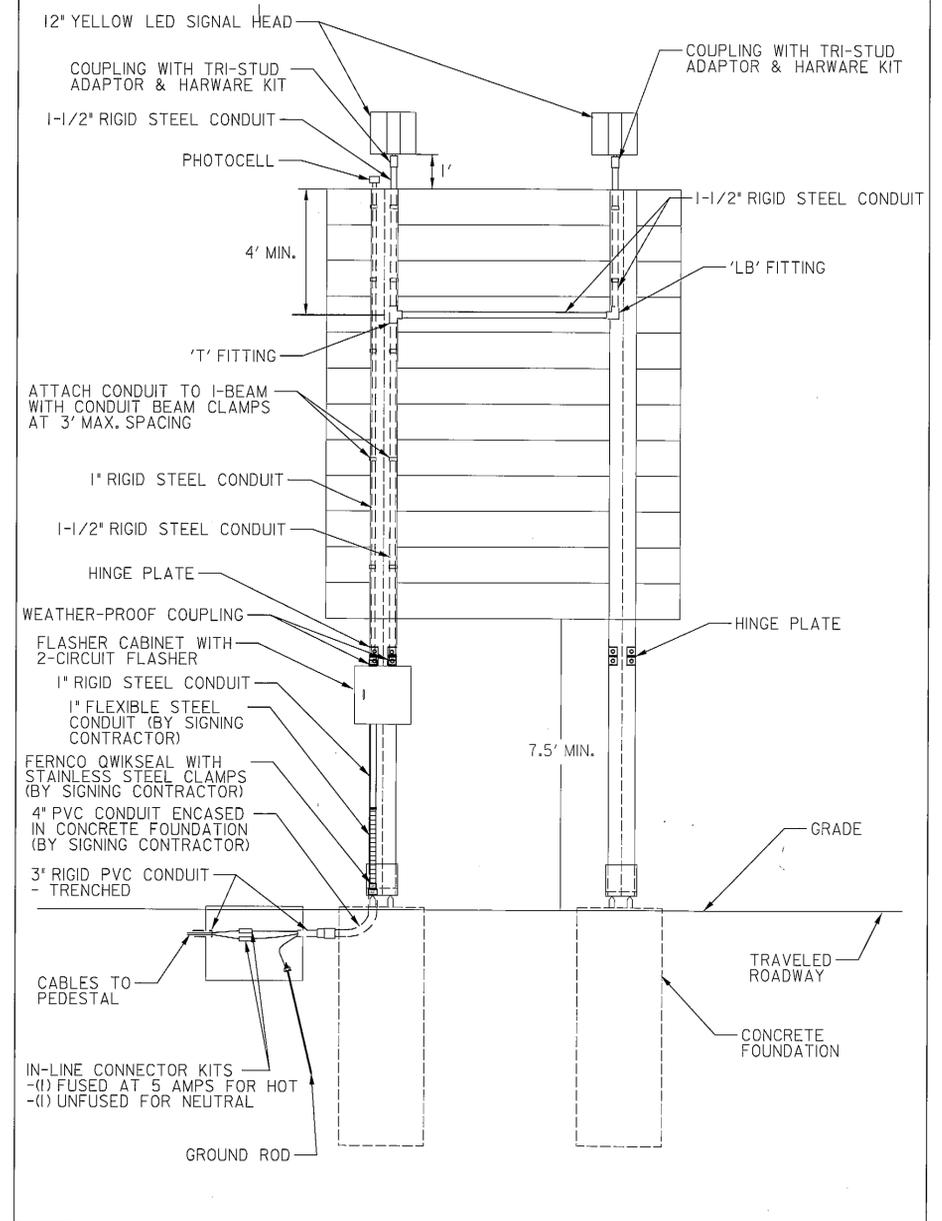


**WIRING KEY**

|        |   |
|--------|---|
| A,B    | 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)                   |
| C      | 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) - FOR PHOTOCELL   |
| D      | 1-CONDUCTOR ELECTRICAL CABLE (NO. 4 AWG-THHN/THWN, 2 RUNS); |
| PS(UG) | PROPOSED UNDERGROUND POWER SERVICE BY ALLEGHENY POWER       |
| Z      | NO. 6 AWG STRANDED BARE COPPER GROUND WIRE                  |
| +      | PROPOSED GROUND ROD   |

**SIGNAL HEAD & CABINET INSTALLATION DETAIL**

NOT TO SCALE



**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
**MD 42 TRUCK SIGNING**  
KISNER RD TO FRIENDSVILLE TOWN LIMITS  
FRIENDSVILLE, MARYLAND

| APPROVALS        |  | REVISIONS |  | GENERAL INFORMATION SHEET |                     |
|------------------|--|-----------|--|---------------------------|---------------------|
| TEAM LEADER      |  |           |  | SCALE NONE                | DATE JUNE 2008      |
| ASST. DIV. CHIEF |  |           |  | CONTRACT NO. AX1425165    |                     |
| DIVISION CHIEF   |  |           |  | DESIGNED BY TCM/LH        | COUNTY GARRETT      |
| OFFICE DIRECTOR  |  |           |  | DRAWN BY TCM/LH           | LOGMILE NA          |
|                  |  |           |  | CHECKED BY DAE            | TMS NO. 1735        |
|                  |  |           |  | FAP NO.                   | TOD NO.             |
|                  |  |           |  | TS NO. 4638-GI            | DRAWING GI - 1 OF 1 |
|                  |  |           |  |                           | SHEET NO. 3 OF 3    |

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