

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF RED LIGHT CAMERA EQUIPMENT TO THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF DULANEY VALLEY RD AND SEMINARY AVE.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN UNCHANGED.

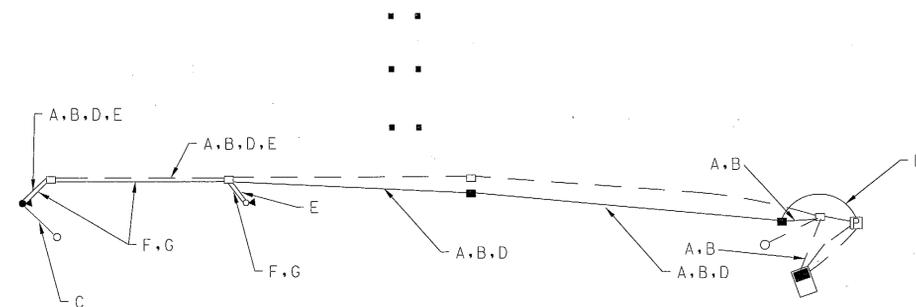
EQUIPMENT LIST

- A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION  
NONE
- B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

| QUANTITY | UNITS | DESCRIPTION   |
|----------|-------|---|
| LUMP SUM | LS    | MAINTENANCE OF TRAFFIC  |
| LUMP SUM | LS    | MOBILIZATION  |
| 2        | CY    | TEST PIT EXCAVATION   |
| 1        | EA    | RLCS-1 CAMERA ASSEMBLY  |
| 3        | EA    | RLCS-1 FLASH ASSEMBLY   |
| 180      | LF    | 2 IN PVC CONDUIT (SCHEDULE 80) - TRENCHED   |
| 70       | LF    | 2 IN PVC CONDUIT (SCHEDULE 80) - BORED  |
| 250      | LF    | 115 V POWER SIGNAL PHASE-4 CONDUCTOR (#14) CABLE (FOR LANE 1 LEFT HAND TURN LANE) |
| 250      | LF    | 115 V POWER SIGNAL PHASE-4 CONDUCTOR (#14) CABLE (FOR LANE THRU LANES)            |
| 3        | EA    | GROUND ROD - 3/4 IN. X 10 FT. LENGTH  |
| 200      | LF    | POWER (3) #10 CONDUCTORS THHN (HOT, NEUTRAL, AND GROUND)                          |
| 1        | EA    | SENSYS RECEIVER ASSEMBLY  |
| 75       | LF    | CAT 5e SHIELDED (BELDEN 7919A OR EQ.)   |
| 75       | LF    | ALPHA #6033 3 PAIR 20 AWG (SHIELDED)  |
| 75       | LF    | ALPHA #6033 3 PAIR 20 AWG (SHIELDED)  |
| 75       | LF    | 115 V POWER 4 CONDUCTOR (#14) CABLE   |

WIRING KEY

- A 4-CONDUCTOR CABLE (NO. 14 AWG) THRU LANES
- B 4-CONDUCTOR CABLE (NO. 14 AWG) LEFT HAND TURN LANE
- C COMCAST TO PROVIDE CABLE
- D (3) #10 CONDUCTORS THHN (HOT, NEUTRAL, GROUND)
- E 4-CONDUCTOR CABLE (NO. 14 AWG)
- F 2-ALPHA #6033C 3PAIR 20 AWG (SHIELDED)
- G (1) CAT 5e SHIELDED (BELDEN 7919a OR EQ.)



GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
2. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF RED LIGHT EQUIPMENT.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES 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 EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
4. THE CONTRACTOR IS TO BE AWARE THAT THE SHA HAS EXISTING UNDERGROUND CONDUITS, TRAFFIC SIGNAL INTERCONNECT CABLES AND ROADS SIGN IN THE VICINITY OF PROPOSED EQUIPMENT. ANY DAMAGE TO THESE FACILITY'S AS A RESULT OF THE CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR HIS CLIENT TO REPAIR OR REPLACE.
5. CONTACT MR. ED RODENHIZER AT (410) 787-7650 AT LEAST 72 HOURS IN ADVANCE OF PROPOSED WORK TO ARRANGE FOR CABINET WIRING.
6. CONTACT MR. ROBERT SNYDER AT (410) 787-7630 AT LEAST 72 HOURS IN ADVANCE OF ANY WORK TO ARRANGE FOR INSPECTION SERVICES.

BW313M83  
MD 146 @ SEMINARY AVE

*Wayne Cool*  
1/8/10

**ACS**  
Germantown, MD  
12410 MILESTONE CENTER  
DRIVE  
4TH FLOOR  
GERMANTOWN, MD 20876

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
MD 146 (DULANEY VALLEY RD)  
AND SEMINARY AVE  
LUTHERVILLE, MARYLAND

| APPROVALS   | REVISIONS  | GENERAL INFORMATION SHEET |                     |              |
|---|--|---------------------------|---------------------|--------------|
| <p>TEAM LEADER</p> <p>ASST. DIV. CHIEF</p> <p>DIVISION CHIEF</p> <p>OFFICE DIRECTOR</p> | <p>12/10/09</p> <p>RED LIGHT CAMERA INSTALLATION UPGRADE</p> | SCALE 1" = 20'            | DATE 3-7-06         | CONTRACT NO. |
|   |  | DESIGNED BY BALT. CO.     | COUNTY BALTIMORE    |              |
|   |  | DRAWN BY C.D.K.           | LOGMILE 03014601.59 |              |
|   |  | CHECKED BY BALT. CO.      | TMS NO.             |              |
|   |  | F.A.P. NO.                | TOD NO.             |              |
|   |  | TS NO 372-1               | DRAWING NO. 2 OF 2  | SHEET NO. OF |

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DRILL HOLES

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BORDER REV. DATE: JUN 11, 2004