

U.S. 40 is assumed to run in an East / West direction

WIRING LEGEND

- WIRING LEGEND  
 A CAMERA CABLE ASSEMBLY  
 B 5 PAIR NO. 22 A.W.G. SHIELDED COPPER WIRE  
 C 3-CONDUCTOR NO. 12 A.W.G. THHN ELECTRICAL WIRE  
 D NO. 4 A.W.G. STRANDED BARE COPPER GROUND WIRE  
 E T-1 DIGITAL DATA FEED TO BE INSTALLED BY OTHERS  
 F SIGNAL/LIGHTING WIRING TO BE INSTALLED BY OTHERS  
 + GROUND ROD

GENERAL NOTES

1. PROPOSED SIGNAL EQUIPMENT SHOWN ON THIS PLAN WILL BE INSTALLED BY OTHERS. THE CONTRACTOR MUST CONTACT MR. JESSE FREE AT (410) 612-6660 FOR CCTV CAMERA RELOCATION COORDINATION. RELOCATION TO BE IN CONJUNCTION WITH PROPOSED TRAFFIC CONTROL SIGNAL EQUIPMENT INSTALLATION.
2. ALL EXISTING RELOCATED CCTV CAMERA CONTROL CABLE SHALL BE INSTALLED IN FLEXIBLE CORRUGATED INNER DUCT RACEWAY. THE INNER DUCT SHALL BE HIGH DENSITY POLYETHYLENE, ORANGE IN COLOR AND SHALL BE ASTM D3035 STANDARD.
3. ALL FIELD WELDING SHALL REQUIRE INSPECTION AND APPROVAL BY THE STATE HIGHWAY ADMINISTRATIONS OFFICE OF MAINTENANCE PRIOR TO WORK.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
5. ALL UNUSED WIRING AND EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

RELOCATED CCTV SURVEILLANCE CAMERA



PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE RELOCATION OF THE EXISTING CLOSE CIRCUIT TELEVISION SURVEILLANCE CAMERA AND ALL NECESSARY HARDWARE ONTO AN EXISTING TRAFFIC CONTROL SIGNAL MAST ARM POLE AT THE INTERSECTION OF U.S. 40 (PULASKI HWY) AND MD 755 (EDGEWOOD RD) IN HARFORD COUNTY. THIS PROJECT MUST BE IN CONJUNCTION WITH THE MSHA PROJECT HA2765171.

SPECIAL NOTE

THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE:  
 MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER - TRAFFIC (410) 321-2781 OR (410) 321-2885  
 MS. SUENETTE POPE, UTILITY ENGINEER (410) 321-2841  
 MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIV. (410) 787-7630  
 MR. BILL BLOOM, HARFORD COUNTY OPERATIONS CENTER (410) 638-3404

EQUIPMENT LIST

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

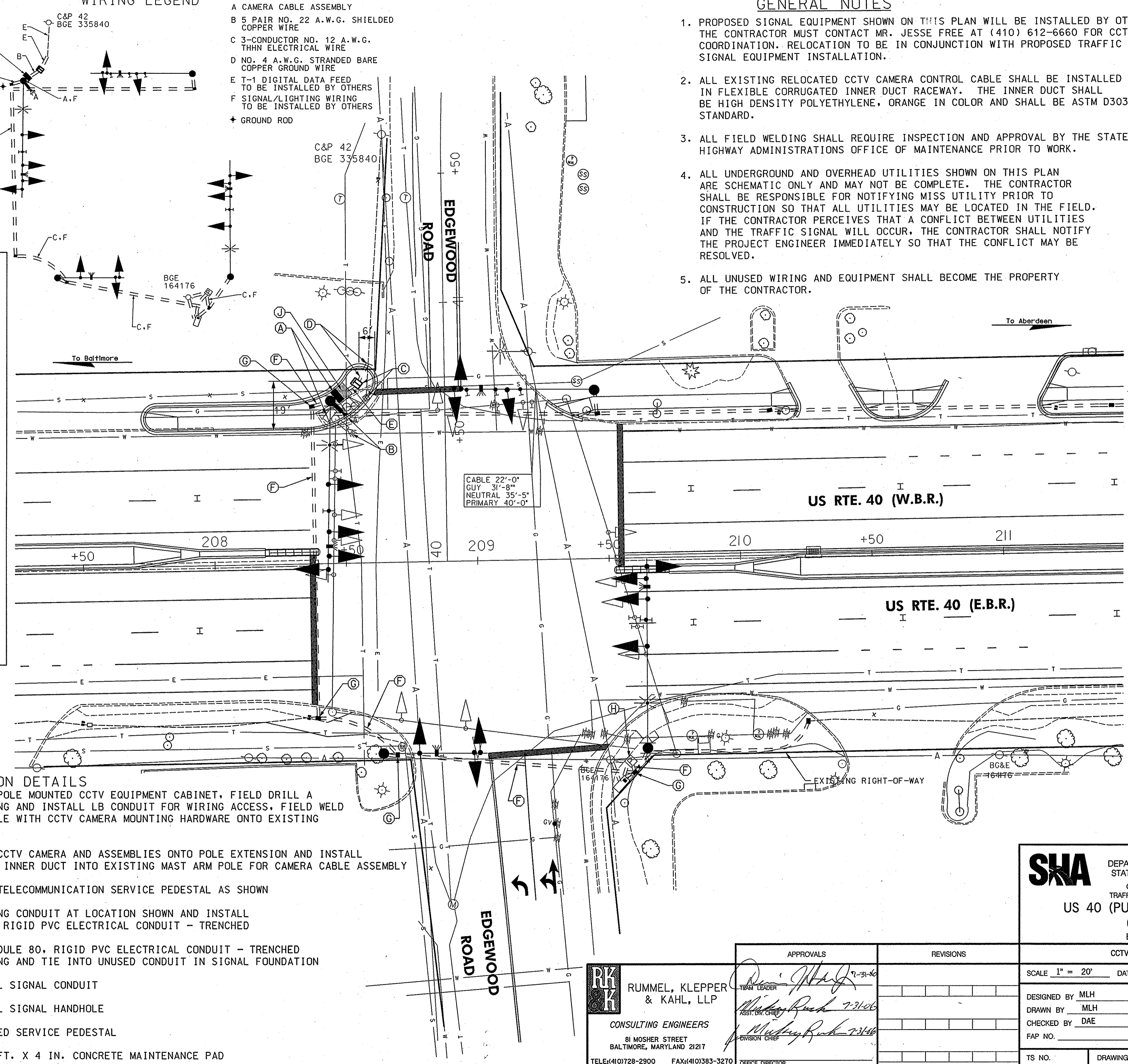
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	1
8001	ITS FOUNDATION	CY	.5
8009	3 IN. SCHEDULE 80 RIGID PVC CONDUIT	LF	25
8011	5-PAIR NO. 22 AWG SHIELDED COPPER CABLE	LF	20
8013	TRENCHING 8" WIDE X 30" DEEP	LF	20
8012	CAMERA CABLE ASSEMBLY	LF	30
8014	NO. 4 AWG STRANDED BARE COPPER GROUND WIRE	LF	10
8017	GROUND ROD 3/4" DIAMETER X 10' LENGTH	EA	1
8032-A	3 IN. FIELD WELDED BLIND COUPLING	EA	1
8036-A	3-CONDUCTOR NO. 12 AWG THHN ELECTRICAL CABLE	LF	300
8037-A	3 FT CAMERA POLE EXTENSION	EA	1
8038-A	1 1/4 IN. INNER DUCT	LF	30
NEG.	RELOCATION OF POLE MOUNTED CABINET	EA	1
NEG.	RELOCATION OF CCTV CAMERA AND HARDWARE	EA	1

CONSTRUCTION DETAILS

- RELOCATE EXISTING POLE MOUNTED CCTV EQUIPMENT CABINET. FIELD DRILL A 3 IN. BLIND COUPLING AND INSTALL LB CONDUIT FOR WIRING ACCESS. FIELD WELD 3 FT. EXTENSION POLE WITH CCTV CAMERA MOUNTING HARDWARE ONTO EXISTING MAST ARM POLE
- RELOCATE EXISTING CCTV CAMERA AND ASSEMBLIES ONTO POLE EXTENSION AND INSTALL 1 1/4 IN. FLEXIBLE INNER DUCT INTO EXISTING MAST ARM POLE FOR CAMERA CABLE ASSEMBLY
- RELOCATE EXISTING TELECOMMUNICATION SERVICE PEDESTAL AS SHOWN
- SPLICE INTO EXISTING CONDUIT AT LOCATION SHOWN AND INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - TRENCHED
- INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - TRENCHED USE REDUCER COUPLING AND TIE INTO UNUSED CONDUIT IN SIGNAL FOUNDATION
- USE TRAFFIC CONTROL SIGNAL CONDUIT
- USE TRAFFIC CONTROL SIGNAL HANDHOLE
- USE PROPOSED METERED SERVICE PEDESTAL
- INSTALL 4 FT. X 4 FT. X 4 IN. CONCRETE MAINTENANCE PAD

UTILITY LEGEND

- G - GAS MAIN
- W - WATER MAIN
- S - SEWER MAIN
- E - ELECTRIC CABLES
- A - AERIAL CABLES
- T - TELEPHONE CABLES
- FO - PROPOSED FIBER
- SD - STORM DRAIN PIPE
- CAT - CABLE TV



**SHA** STATE OF MARYLAND  
 DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 US 40 (PULASKI HWY) AND MD 755  
 (EDGEWOOD RD)  
 EDGEWOOD, MARYLAND

**RKL**  
 RUMMEL, KLEPPER & KAHL, LLP  
 CONSULTING ENGINEERS  
 81 MOSHER STREET  
 BALTIMORE, MARYLAND 21217  
 TELE: (410) 728-2900 FAX: (410) 383-3270

APPROVALS  
 TEAM LEADER: [Signature] 7-31-06  
 ASST. DIR. CHIEF: [Signature] 7-31-06  
 DIVISION CHIEF: [Signature] 7-31-06  
 OFFICE DIRECTOR: [Signature]

REVISIONS		CCTV SURVEILLANCE CAMERA	
SCALE 1" = 20'	DATE 6-20-2006	CONTRACT NO. AT6225186	
DESIGNED BY MLH	COUNTY HARFORD		
DRAWN BY MLH	LOGMILE 1200400.12		
CHECKED BY DAE	TMS NO.		
FAP NO.	TOD NO.		
TS NO.	DRAWING - OF	SHEET NO. 1 OF 1	

PLOTTED: 8/24/2006  
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