

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE CONSTRUCTION OF A NEW TRAFFIC SIGNAL AT MD 715 AND RAMP 6 DUE TO MD 715 WIDENING AND THE ADDITION OF A NEW OFF RAMP FROM US 40 EB IN HARFORD COUNTY. SIGNAL HEADS 1,2 AND 4 SHALL BE REALIGNED AS WILL VIDEO CAMERA A. SIGNAL HEADS 6,7,8 SHALL BECOME OPERATIONAL. ALL FINAL PAVEMENT MARKINGS SHALL BE INSTALLED. THIS WORK WILL BE CONSTRUCTED AT THE END OF MOT STAGE 4. MD 715 IS ASSUMED TO RUN IN A NORTH - SOUTH DIRECTION.

II. INTERSECTION OPERATION

- THE INTERSECTION IS TO OPERATE IN A NEMA FOUR-PHASE, FULLY-ACTUATED MODE. MD 715 NORTHBOUND AND SOUTHBOUND WILL OPERATE CONCURRENTLY, AND SOUTHBOUND MD 715 SHALL HAVE A PROTECTED / PERMISSIVE LEFT TURN PHASE. THE RAMP 6 APPROACH SHALL OPERATE CONCURRENTLY WITH SPUR 6.

NOTES

- FOR FINAL PAVEMENT MARKINGS, REFER TO THE PAVEMENT MARKING PLANS, AS APPLICABLE; OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH ADMINISTRATION STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- 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 THE APPROPRIATE 800 SERIES STANDARD PLATES. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS 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 THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- DISCONNECTING AND SPlicing OF INTERCONNECT CABLE SHALL BE PERFORMED BY SHA FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO THE BASE OF EACH CABINET AND PROPERLY TAG THE CABLE. CONTACT MR. ED RODENHIZER AT (410) 787-7650 SEVENTY-TWO HOURS IN ADVANCE OF INTENDED WORK.
- THE CONTRACTOR SHALL MAINTAIN THE CONTINUOUS OPERATION OF ALL INTERCONNECT, VEHICULAR, PEDESTRIAN DETECTORS, AND LIGHTING DEVICES. IF ANY DEVICE IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPAIRED WITHIN 72 HOURS BY THE CONTRACTOR AT NO COST TO THE ADMINISTRATION AFTER NOTIFICATION BY THE ENGINEER.
- UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL NOTIFY MR. ROBERT SNYDER OF SHA AT (410) 787-7631 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MR. SNYDER WITH THE NEAREST STREET ADDRESS, ZIP CODE AND PHONE NUMBER.

CONTACTS

DISTRICT

MR. DAVE PEAKE
DISTRICT ENGINEER
PHONE: (410) 229-2310

MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 229-2381

MR. MIKE PASQUARIELLO
DISTRICT ENGINEER - UTILITIES
PHONE: (410) 229-2341

MR. JESSE FREE
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 229-2421

MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 229-2361

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

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

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7670

MR. MIKE STOCKER
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
410-787-7668

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

CAT CODE	QUANTITY	DESCRIPTION
973023	11 S.F. 1 EA	SHEET ALUMINUM SIGNS R10-12 (MOD) SIGN 36"x42"

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

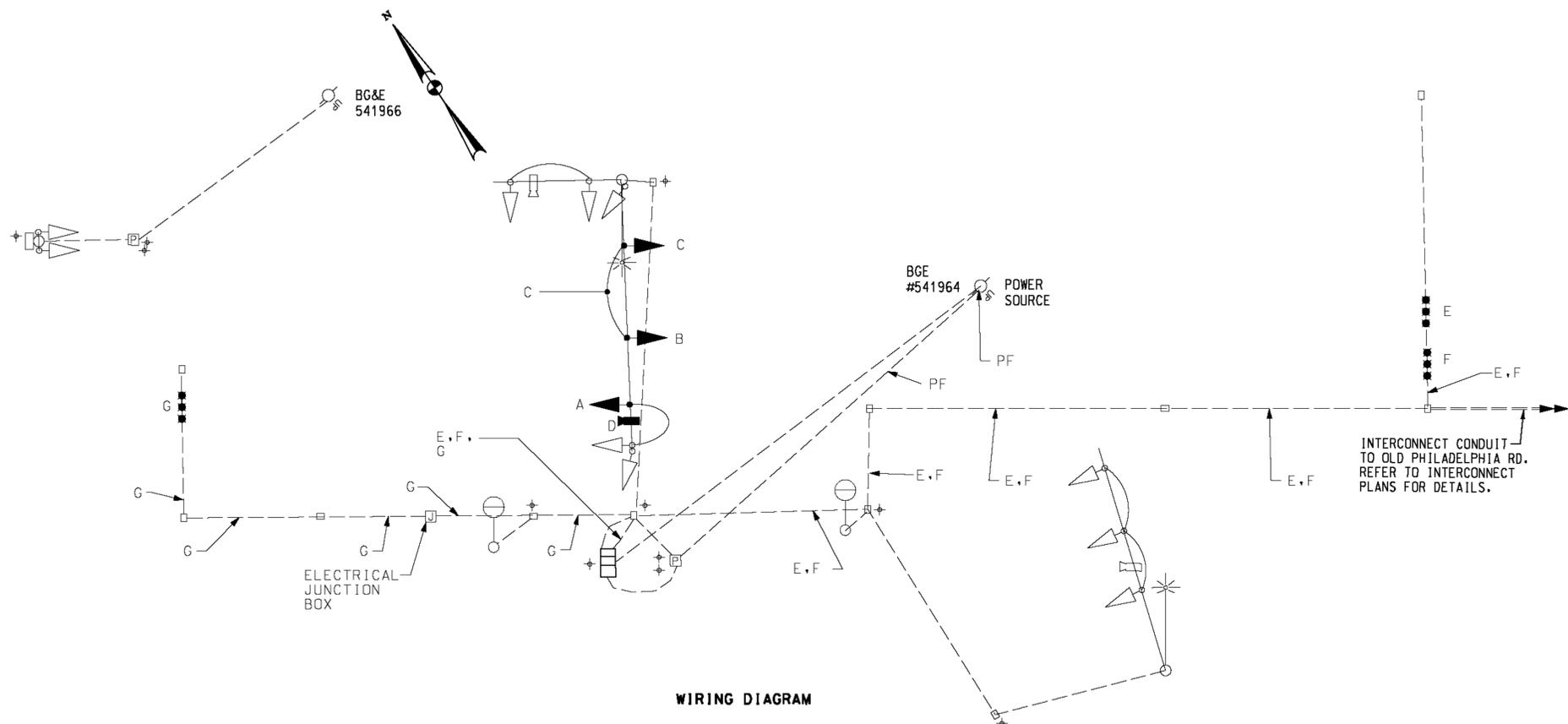
CAT CODE	QUANTITY	DESCRIPTION
585625	103 L.F.	FURNISH AND INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
860265	3 EA.	RELOCATE EXISTING SIGNAL HEAD.
806001	1 EA.	RELOCATE EXISTING CAMERA ON MAST ARM.
800000	1 EA.	RELOCATE EXISTING SIGN ON MAST ARM.
810605	3 EA.	FURNISH AND INSTALL NON INVASIVE PROBE DETECTOR 1,000 FT LEAD- IN WIRE.
813015	11 S.F.	INSTALL OVERHEAD SIGN.
800000	6.25 S.F.	REMOVE EXISTING SIGN FROM MAST ARM

C. IF THE CABINET IS TO BE REMOVED SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13
	(R)	(R)	(Y)	(R)	(Y)								
	(Y)	(Y)	(G)	(Y)									
	(G)												

PHASE 2 AND 5	R	R	←GG	←GG	G	R	R	R	R	R	R	R	FL/Y	FL/Y
2 AND 5 CHANGE	R	R	←YG	←YG	G	R	R	R	R	R	R	R	FL/Y	FL/Y
PHASE 2 AND 6	G	G	G	G	G	R	R	R	R	R	R	R	FL/Y	FL/Y
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	FL/Y	FL/Y
PHASE 4	R	R	R	R	R	G	G	G	G	G	G	G	FL/Y	FL/Y
4 CHANGE	R	R	R	R	R	Y	Y	Y	Y	Y	Y	Y	FL/Y	FL/Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/Y	FL/Y						



KEY

A) } USE EXISTING CABLE
B) }
C) }
D) }
E) } PROPOSED MICRO LOOP LEAD IN CABLE
F) }
G) }

BY: MUNIZ

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 715 (SHORT LANE) AT RAMP 6
ABERDEEN, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE DATE MAY 8, 2012 CONTRACT NO. HA2706171

DESIGNED BY CGM COUNTY HARFORD
DRAWN BY CGM LOGMILE 12071500.44
CHECKED BY GAB TMS NO. K307
FAP NO. SEE TITLE SHEET TOD NO.

TS NO. 4817 **SG - 10 OF 22** SHEET NO. 11 OF 23

