

PROJECT DESCRIPTION (MOT PHASE 3)

I. GENERAL:

THIS PHASE OF THE PROJECT INVOLVES THE INSTALLATION OF PROPOSED SIDEWALK, AND CURB AND GUTTER ALONG WESTBOUND MD 175 AND AROUND THE NORTHEAST QUADRANT OF MD 175 AND 26TH STREET/DISNEY ROAD.

TRAFFIC SIGNALIZATION WORK DURING THIS PHASE OF THE ROADWAY RECONSTRUCTION WILL ENTAIL RELOCATING EXISTING SIGNAL HEADS AND VIDEO DETECTION CAMERAS TO COMPLY WITH THE LANE CONFIGURATIONS FOR THIS PHASE OF THE CONSTRUCTION. ~~TEMPORARY SPAN WIRE SHALL BE INSTALLED BETWEEN EXISTING MAST ARM POLES IN THE NORTHWEST AND SOUTHWEST QUADRANTS OF THE INTERSECTION TO PROPERLY ALIGN THE SIGNAL HEADS FOR WESTBOUND MD 175 TRAFFIC.~~ THE EXISTING PEDESTRIAN SIGNAL IN THE SOUTHEAST QUADRANT OF THE INTERSECTION SHALL BE ADJUSTED AND USED FOR THE EAST LEG PEDESTRIAN CROSSING.

MD 175 (ANNAPOLIS ROAD) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II. INTERSECTION OPERATION:

THE INTERSECTION WILL OPERATE IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE, WITH THE MD 175 APPROACHES RUNNING CONCURRENTLY. EXCLUSIVE LEFT-TURN PHASES SHALL BE PROVIDED FOR BOTH APPROACHES OF MD 175. 26TH STREET/DISNEY ROAD SHALL OPERATE IN A SPLIT-PHASED MODE AND A PEDESTRIAN PHASE SHALL BE PROVIDED FOR THE EAST LEG OF THE INTERSECTION.

AUDIBLE PUSHBUTTON FUNCTION IS AS FOLLOWS:

- When the pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message:

EAST LEG (BUTTON 20p): "Wait to cross Annapolis at Disney and 26th. Wait."

- When the "WALK" phase begins, the pushbutton unit will provide a rapid tick, which will last for the duration of the "WALK" phase.

PROJECT CONTACTS:

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MR. JAMES FOLDEN, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 841-1031

MR. JOHN S. MAYS, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 841-1013

MR. MIKE HUBER, UTILITY ENGINEER
PHONE: (410) 841-1039

MR. GUS PAYNE, CONSTRUCTION INSPECTION
PHONE: (443) 572-5234

MR. EDWARD RODENHIZER, CHIEF - SIGNAL SHOP
PHONE: (410) 787-7652

MR. SONNY BAILEY, CHIEF - SIGN SHOP
PHONE: (410) 787-7676

MR. AVIJIT MAJI, DIVISION CHIEF - TRAFFIC OPERATIONS, OOTS
PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE:
BALTIMORE GAS AND ELECTRIC (BGE)
MS. JACQUELINE SHULTZ
(410) 470-8445

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE	QUANTITY	DESCRIPTION
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NO EQUIPMENT SHALL BE SUPPLIED BY THE ADMINISTRATION DURING THIS PHASE OF THE PROJECT.

EQUIPMENT LIST 'B'

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

CATEGORY CODE	QUANTITY	DESCRIPTION
805135	220 X LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
805150	150 X LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT- SLOTTED
811001	3 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
860284	12 EA	12" LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
860265	8 X EA	RELOCATE EXISTING SIGNAL HEAD
861107	200 LF	ELECTRICAL 5 CONDUCTOR (NO. 14 AWG)
861108	260 LF	ELECTRICAL 7 CONDUCTOR (NO. 14 AWG)
869102	150 LF	STEEL SPAN WIRE 3/8" DIAMETER

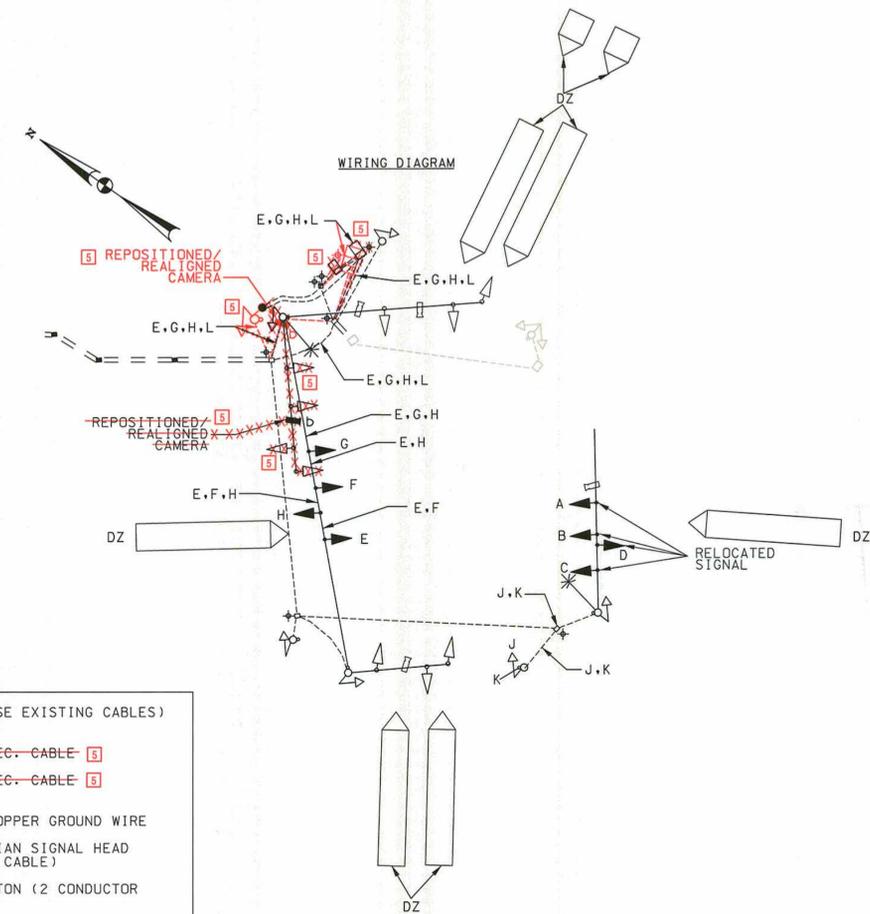
EQUIPMENT LIST 'C'

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINETS. THE CABINETS 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	14	19a	16
Phase 1 & 5	<G-	<G-	R	R	<G-	<G-	R	R	R	R	R	R	R	R	DW	DW
1 & 5 Change	<Y-	<Y-	R	R	<Y-	<Y-	R	R	R	R	R	R	R	R	DW	DW
Phase 2 & 6	<R-	<R-	G	G	<R-	<R-	G	G	R	R	R	R	R	R	DW	DW
2 & 6 Change	<R-	<R-	Y	Y	<R-	<R-	Y	Y	R	R	R	R	R	R	DW	DW
Phase 3	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	DW	DW
3 Change	<R-	<R-	R	R	<R-	<R-	R	R	Y	Y	Y	R	R	R	DW	DW
Phase 4	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	<G/G	<G/G	G	DW	DW
4 Change	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	Y	Y	Y	DW	DW
Phase 3 ALT	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	WK	WK
Ped. Clear	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	FL/DW	FL/DW
3 ALT Change	<R-	<R-	R	R	<R-	<R-	R	R	Y	Y	Y	R	R	R	DW	DW
Flashing Operation	FL/RA	FL/RA	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK

NOTE: SIGNAL AND PEDESTRIAN HEADS 1-6-8, 15-17a-18 & 20-22 SHALL BE BAGGED AND WILL NOT BE OPERATIONAL DURING THIS PHASE OF CONSTRUCTION.



WIRING KEY

A,B,C,D	- RELOCATED SIGNAL HEADS (USE EXISTING CABLES)
E,F,G,H	- 7 CONDUCTOR NO. 14 AWG ELEC. CABLE
F	- 5 CONDUCTOR NO. 14 AWG ELEC. CABLE JUMPER
L	- NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
J	- RE-WIRED EXISTING PEDESTRIAN SIGNAL HEAD (5 CONDUCTOR 14 AWG ELEC. CABLE)
K	- RE-WIRED EXISTING PUSHBUTTON (2 CONDUCTOR 14 AWG ELEC. CABLE)
b	- RELOCATED VIDEO DETECTION CAMERA (USE EXISTING CABLES)

PHASE 3

REDLINE REVISION NO. 5
MD 175 AT DISNEY ROAD; REVISED POLE LOCATIONS IN THE NW QUADRANT
1/24/2013

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION
MD 175 (ANNAPOLIS ROAD) AT 26TH STREET /DISNEY ROAD
FORT MEADE, MD

MMT CENTURY ENGINEERING
CONSULTING ENGINEERS - PLANNERS
10710 GILROY ROAD
HUNT VALLEY, MD 21031
REVISION 'D' 23299.36; 27257.25

REVISIONS	MOT PHASE 3 - GENERAL INFORMATION PLAN
<p>15 REDLINE NO. 5 1/24/2013 INSTALL NEW PEDESTAL POLE IN THE NW QUADRANT, RELOCATE SIGNAL POLE</p> <p>ENB</p> <p>1/24/97 ASBUILT SHA #: BW860802512</p> <p>RRZ</p> <p>BRAC RECONSTRUCT TRAFFIC SIGNAL SHA #: AA5805370 TMS NO. J-969</p>	<p>SCALE: 1"=20' NONE</p> <p>DESIGNED BY ENB /MAR COUNTY ANNE ARUNDEL</p> <p>DRAWN BY ENB LOGMILE 02017507.10</p> <p>CHECKED BY MAR /NR TMS NO. J-969</p> <p>F.A.P. NO. ACPLHD-STP-TIP-3617(1)E TOD NO.</p> <p>TS NO. 1959D3-GI DRAWING SG-14.3 OF 26 SHEET NO. 134 OF 195</p>

BY: nrobinson