

PROJECT DESCRIPTION (MOT PHASE 2B)

I. GENERAL:

THIS PHASE OF THE PROJECT INVOLVES THE REMOVAL OF EXISTING CURB AND GUTTER, EXCAVATION, AND CONSTRUCTION OF DRAINAGE ITEMS ALONG EASTBOUND MD 175 AROUND THE SOUTHEAST QUADRANT OF MD 175 AND 26TH STREET/ DISNEY RD.

TRAFFIC SIGNALIZATION WORK DURING THIS PHASE OF THE ROADWAY RECONSTRUCTION WILL ENTAIL THE REMOVAL OF EXISTING SIGNAL EQUIPMENT IN THE SOUTHEAST QUADRANT OF THE INTERSECTION. EXISTING SIGNAL POLES, PEDESTRIANS SIGNAL HEADS AND PUSHBUTTONS FOR THE NORTHWEST QUADRANT SHALL REMAIN AND BE UTILIZED FOR THE PEDESTRIAN PHASING. EXISTING EQUIPMENT IN THE SOUTHEAST QUADRANT SHALL BE REMOVED. THE EXISTING PEDESTRIAN SIGNAL IN THE NORTHWEST QUADRANT FOR THR EAST LEG OF PEDESTRIAN TRAFFIC SHALL BE BAGGED. ALL PROPOSED PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS (FROM PHASE 1B) IN THE NORTHEAST, SOUTHEAST, SOUTHWEST QUADRANTS SHALL BE UNBAGGED WITH THE EXCEPTION OF THE PEDESTRIAN SIGNALS AND PUSHBUTTONS IN THE SOUTHWEST QUADRANT.

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

II. INTERSECTION OPERATION:

THE INTERSECTION IS TO 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 RUN A SPLIT PHASED OPERATION. A PEDESTRIAN PHASE SHALL BE PROVIDED FOR THE NORTH, SOUTH AND WEST LEGS 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:
 WEST LEG: "Wait to cross Annapolis at Disney and 26th, Wait."
 NORTH LEG (BUTTON 18p): "Wait to cross Disney at Annapolis, Wait."
 SOUTH LEG: "Wait to cross 26th at Annapolis, 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:

- MS. KIMBERLY TRAN, ASSISTANT DISTRICT ENGINEER - TRAFFIC
 PHONE: (410) 841-1019
- 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
800000	1 LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
800000	30 LF	DISCONNECT AND REROUTE EXISTING CABLE

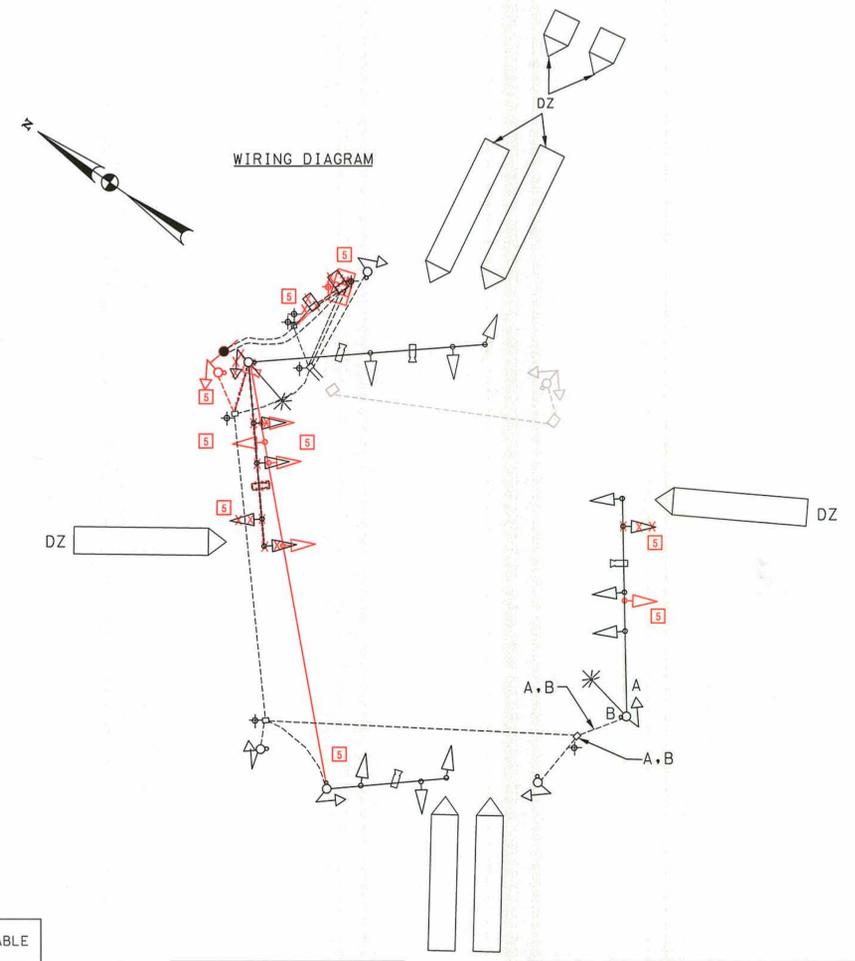
EQUIPMENT LIST 'C'

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	15	16	17	18	21	22
Phase 1 & 5	<G-	<G-	R	R	<G-	<G-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 & 5 Change	<Y-	<Y-	R	R	<Y-	<Y-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
Phase 2 & 6	<R-	<R-	G	G	<R-	<R-	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW
Ped. Clear	<R-	<R-	G	G	<R-	<R-	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
2 & 6 Change	<R-	<R-	Y	Y	<R-	<R-	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
Phase 3	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	DW	DW	DW	DW	DW	DW
3 Change	<R-	<R-	R	R	<R-	<R-	R	R	Y	Y	Y	Y	R	R	DW	DW	DW	DW	DW	DW
Phase 4	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	R	R	<G/G	<G/G	G	DW	DW	DW	DW
4 Change	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
Phase 4 ALT	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	R	R	<G/G	<G/G	G	DW	DW	DW	WK
Ped. Clear	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	R	R	<G/G	<G/G	G	DW	DW	DW	FL/DW
4 ALT Change	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	R	R	Y	Y	Y	DW	DW	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	DARK	DARK	DARK	DARK

NOTE: PEDESTRIAN SIGNAL HEADS 19 & 20 WILL BE BAGGED AND WILL NOT BE OPERATIONAL DURING THIS PHASE OF CONSTRUCTION.



WIRING KEY

- A - EXISTING 5 CONDUCTOR ELECTRICAL CABLE
- B - EXISTING 2 CONDUCTOR ELECTRICAL CABLE

PHASE 2B

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

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

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

MOT PHASE 2B - GENERAL INFORMATION PLAN

REVISIONS	SCALE	ADVERTISED DATE	CONTRACT NO.
1. REDLINE NO. 5 2. BRAC RECONSTRUCT TRAFFIC SIGNAL 3. ASBUILT 4. RRZ	1/ /2013 NONE	OCTOBER 2010	AA5805370
DESIGNED BY	ENB /MAR	COUNTY	ANNE ARUNDEL
DRAWN BY	ENB	LOGMILE	02017507.10
CHECKED BY	MAR /NR	TIMS NO.	J-969
F.A.P. NO.	ACPLHD-STP-TIP-3617(11)E	TOD NO.	
TS NO.1959D2B-GI	DRAWING	SG -10.2 OF 26	SHEET NO. 130 OF 195

BY: mrobinson