

PROJECT DESCRIPTION (MOT PHASE 4)

I. GENERAL:

THIS PHASE OF THE PROJECT INVOLVES THE INSTALLATION OF PROPOSED SIDEWALK, AND CURB AND GUTTER ALONG EASTBOUND MD 175, INCLUDING THE SOUTHWEST QUADRANT OF MD 175 AND 26TH STREET/DISNEY ROAD INTERSECTION.

~~TRAFFIC SIGNALIZATION WORK DURING THIS PHASE OF THE ROADWAY RECONSTRUCTION WILL ENTAIL REPOSITIONING SIGNAL HEADS TO ALIGN WITH LANE CONFIGURATIONS FOR THIS PHASE OF CONSTRUCTION. A PEDESTRIAN PHASE SHALL ONLY BE PROVIDED FOR THE NORTH AND EAST LEGS OF THE INTERSECTION. [5]~~

TRAFFIC SIGNALIZATION WORK DURING THIS PHASE OF THE ROADWAY RECONSTRUCTION WILL ENTAIL THE INSTALLATION OF 50' MAST ARM WITH LED TRAFFIC SIGNAL HEADS AND RELOCATED VIDEO DETECTION CAMERA FOR THE WESTBOUND APPROACH. TEMPORARY SPAN WIRES SHALL BE REMOVED ALONG WITH ASSOCIATED SIGNAL HEADS. REPOSITIONING OF EASTBOUND SIGNAL HEADS TO ALIGN WITH LANE CONFIGURATIONS FOR THIS PHASE OF CONSTRUCTION. A PEDESTRIAN PHASE SHALL ONLY BE PROVIDED FOR THE NORTH AND EAST LEGS OF THE INTERSECTION. [5]

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 NORTH AND EAST 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:

NORTH LEG: "Wait to cross Disney at Annapolis. Wait."
EAST LEG: "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. 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
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PHONE: (410) 787-7676

MR. AVIJIT MAJI, DIVISION CHIEF - TRAFFIC OPERATIONS, OOTS
PHONE: (410) 787-7630 [5]

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
	1 LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
	4 EA	RELOCATE EXISTING SIGNAL HEAD
[5] 860284	12 EA	12" LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
[5] 861107	180 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
[5] 861108	230 LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)

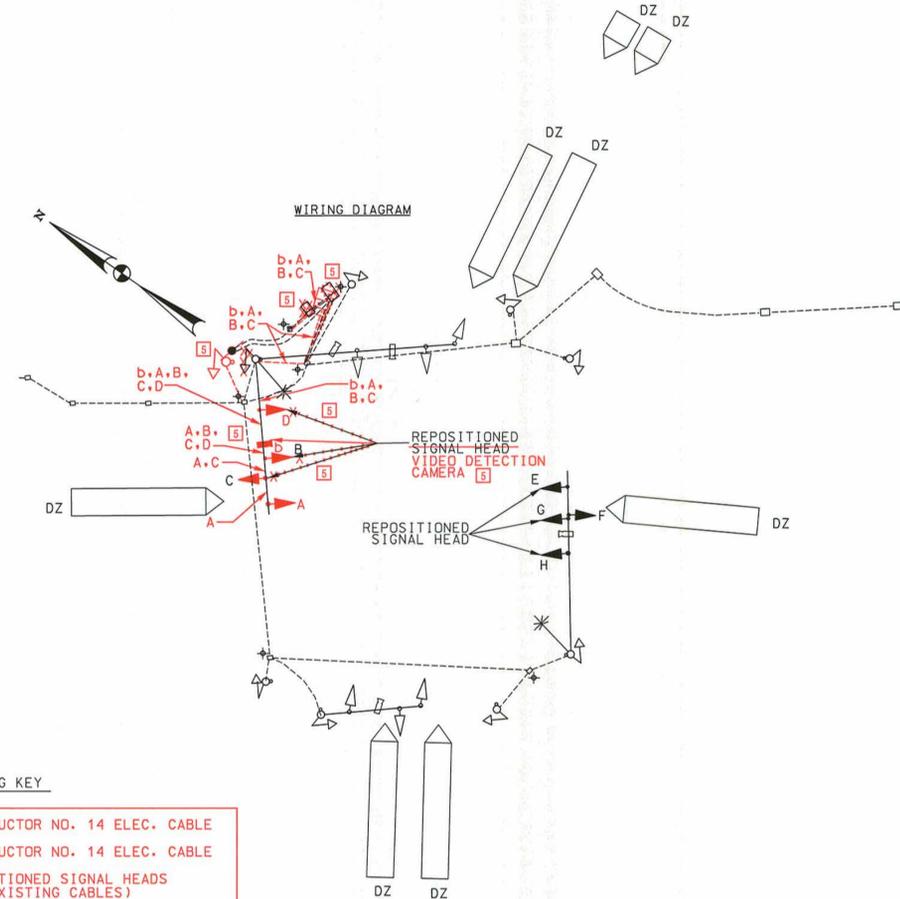
EQUIPMENT LIST 'C'

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	17	18	19	20	
Phase 1 & 5	<G-	<G-	R	R	<G-	<G-	R	R	R	R	R	R	R	R	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	
Phase 2 & 6	<R-	<R-	G	G	<R-	<R-	G	G	R	R	R	R	R	R	WK	WK	DW	DW	
Ped. Clear	<R-	<R-	G	G	<R-	<R-	G	G	R	R	R	R	R	R	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	
Phase 3	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	DW	DW	DW	DW	
3 Change	<R-	<R-	R	R	<R-	<R-	R	R	Y	Y	Y	R	R	R	DW	DW	DW	DW	
Phase 4	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	<G/G	G	G	DW	DW	DW	DW	
4 Change	<R-	<R-	R	R	<R-	<R-	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	
Phase 3 ALT	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	DW	DW	WK	WK	
Ped. Clear	<R-	<R-	R	R	<R-	<R-	R	R	<G/G	<G/G	G	R	R	R	DW	DW	FL/DW	FL/DW	
3 ALT Change	<R-	<R-	R	R	<R-	<R-	R	R	Y	Y	Y	R	R	R	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	

NOTE: PEDESTRIAN SIGNAL HEADS 15, 16, 21 & 22 SHALL BE BAGGED AND WILL NOT BE OPERATIONAL DURING THIS PHASE OF CONSTRUCTION.



WIRING KEY

A.B.C	- 7 CONDUCTOR NO. 14 ELEC. CABLE
D	- 5 CONDUCTOR NO. 14 ELEC. CABLE
E.F.G.H	- REPOSITIONED SIGNAL HEADS (USE EXISTING CABLES)
a	- RELOCATED VIDEO DETECTOR CAMERA (USE EXISTING CABLES)

PHASE 4

REDLINE REVISION NO. 5
MD 175 AT DISNEY ROAD; REVISED POLE LOCATIONS IN THE NW QUADRANT
J. W. P... 1/23/13

SUA 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

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

REVISIONS		MOT PHASE 4 - GENERAL INFORMATION PLAN	
1	16 REDLINE NO. 5 INSTALL NEW PEDESTAL POLE IN THE NW QUADRANT, RELOCATE SIGNAL POLE	SCALE	20' NONE
2	BRAC RECONSTRUCT TRAFFIC SIGNAL SHA # AA5805370 TIMS NO. J-969	DESIGNED BY	ENB/MAR
3	1/24/97 ASBUILT SHA # BW860802512	DRAWN BY	ENB
4		CHECKED BY	MAR/NR
5		F.A.P. NO.	ACPLHD-STP-TIP-3617(1)E
		TS NO.	1959D4-GI
		DRAWING	SG-20.4 OF 26
		SHEET NO.	140 OF 195

BY: mrobinson