

PROJECT DESCRIPTION (MOT PHASE 2)

I. GENERAL:

THIS PHASE OF THE PROJECT IS FOR THE WIDENING OF EASTBOUND MD 175 (ANNAPOLIS ROAD). CONSTRUCTION WORK WILL INVOLVE THE REMOVAL OF EXISTING CURB AND GUTTER ALONG EASTBOUND MD 175, EXCAVATION, CONSTRUCTION OF DRAINAGE ITEMS, AND PAVEMENT WIDENING TO MATCH EXISTING PAVEMENT ELEVATION AND CROSS-SLOPE.

TRAFFIC SIGNALIZATION WORK DURING THIS PHASE OF THE ROADWAY RECONSTRUCTION WILL ENTAIL THE INSTALLATION OF SIGNAL POLES AND MAST ARMS, INTERSECTION LIGHTING EQUIPMENT, BASE-MOUNTED CABINET AND CONTROLLER, CABINET FOR BATTERY BACKUP, AND THE REPOSITIONING OF EXISTING SIGNAL HEADS AND SIGNS TO ALIGN WITH TEMPORARY TRAFFIC LANE CONFIGURATIONS.

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

II. INTERSECTION OPERATION:

THE EXISTING INTERSECTION CURRENTLY OPERATES IN A NEMA EIGHT-PHASE FULLY-ACTUATED OPERATION WITH EXCLUSIVE/PERMISSIVE LEFT-TURNS FOR ALL FOUR APPROACHES AND A RIGHT-TURN OVERLAP PHASE FOR THE SOUTHBOUND MD 713 TURN TO WESTBOUND MD 175.

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

**MS. JACQUELINE SHULTZ-BGE**  
**PHONE: 410-470-8445**

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE	QUANTITY	DESCRIPTION
963010	1 EA	FOUR CHANNEL RACK-MOUNTED AMPLIFIER
971017	1 EA	LOCAL CONTROLLER AND CABINET SIZE '6' W/ ALL NECESSARY EQUIPMENT HOUSED IN BASE-MOUNTED CABINET

EQUIPMENT LIST 'B'

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

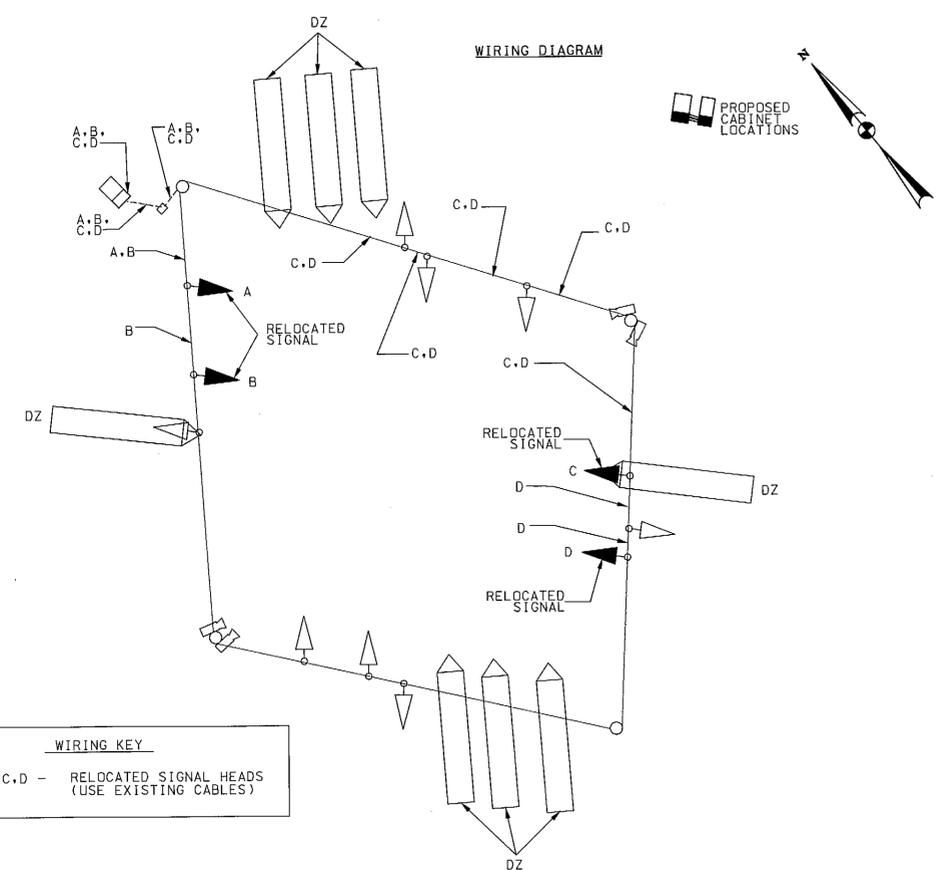
CATEGORY CODE	QUANTITY	DESCRIPTION
800000	1 EA	BATTERY BACKUP FOR SYSTEM AND CABINET
800000	1 EA	2 WIRE CENTRAL CONTROL UNIT
801004	17 CY	CONCRETE FOR SIGNAL FOUNDATION
805125	6 LF	2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
813006	48 SF	RELOCATE SIGNS FROM EXISTING OVERHEAD STRUCTURES
818036	1 EA	STEEL POLE WITH 50' MAST ARM
818041	2 EA	STEEL POLE WITH 60' MAST ARM
818052	1 EA	STEEL POLE WITH 70' MAST ARM
831010	2 EA	250 WATT HPS LAMP AND LUMINAIRE
860265	4 EA	RELOCATE EXISTING SIGNAL HEAD
866104	2 EA	20' LIGHTING ARM ON SIGNAL STRUCTURE
871202	1 EA	INSTALL CONTROLLER AND CABINET - BASE MOUNT

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
Phase 01 & 05	<G/R	<G/R	R	<G/R	<G/R	R	R	R	R	R	R	R/G
01 & 05 Change	CHANGES TO PHASES 1 & 6, 2 & 5, OR 2 & 6											
Phase 01 & 05	<G/G	<G/G	G	R	R	R	R	R	R	R	R	R/G
01 Change	<Y/G	<Y/G	G	R	R	R	R	R	R	R	R	R/Y
Phase 02 & 05	R	R	R	<G/G	<G/G	G	R	R	R	R	R	R
05 Change	R	R	R	<Y/G	<Y/G	G	R	R	R	R	R	R
Phase 02 & 05	G	G	G	G	G	R	R	R	R	R	R	R
02 & 05 Change	Y	Y	Y	Y	Y	Y	Y	R	R	R	R	R
Phase 03 & 07	R	R	R	R	R	R	<G/R	<G/R	<G/R	<G/R	<G/R	R
03 & 07 Change	CHANGES TO PHASES 3 & 8, 4 & 7, OR 4 & 8											
Phase 03 & 07	R	R	R	R	R	R	<G/G	<G/G	G	R	R	R
03 Change	R	R	R	R	R	R	<Y/G	<Y/G	G	R	R	R
Phase 04 & 07	R	R	R	R	R	R	R	R	R	<G/G	<G/G	G
07 Change	R	R	R	R	R	R	R	R	R	<Y/G	<Y/G	G
Phase 04 & 07	R	R	R	R	R	R	G	G	G	G	G	G
04 & 07 Change	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R						



PHASE 2

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 175 (ANNAPOLIS ROAD) AT  
MD 713 (ROCKENBACH RD / RIDGE RD)  
HANOVER, MD

MOT PHASE 2 - GENERAL INFORMATION PLAN

SCALE: 1" = 20'	DATE: OCTOBER 2010	CONTRACT NO. AA6805320
DESIGNED BY: MR	COUNTY: ANNE ARUNDEL	
DRAWN BY: ENB	LOGMILE: 02017507.31	
CHECKED BY: MR/NR	TIMS NO. J-958	
F.A.P. NO. ACPLHD-STP-TIP-3617(11)E	TOD NO.	

**CENTURY**  
ENGINEERING  
CONSULTING ENGINEERS - PLANNERS  
10710 GILROY ROAD  
HUNT VALLEY, MD 21031

REVISION 'D' 23299.36

TS NO. 1295D2-G1	DRAWING SG-06.2 OF 26	SHEET NO. 126 OF 195
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BY: bostic