

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF IS-370 AT SHADY GROVE ROAD AND METRO ENTRANCE IN MONTGOMERY COUNTY. NEW MAST ARM POLES, APS PEDESTRIAN TRAFFIC SIGNALS AND A NEW CABINET AND CONTROLLER WILL BE INSTALLED AT THIS LOCATION.

INTERSECTION OPERATION

PHASE 3

THE INTERSECTION WILL OPERATE IN A SEMI-ACTUATED MODE USING NEMA 3 PHASES. A NEW BASE MOUNTED CABINET AND CONTROLLER AND VIDEO DETECTION SHALL BE INSTALLED AT THIS LOCATION. THE LEFT TURN PHASE ALONG WESTBOUND SHADY GROVE ROAD SHALL OPERATE WITH AN EXCLUSIVE LEFT TURN PHASING.

ULTIMATE

THE INTERSECTION WILL OPERATE IN A SEMI-ACTUATED MODE USING NEMA 5 PHASES. A NEW BASE MOUNTED CABINET AND CONTROLLER AND VIDEO DETECTION SHALL BE INSTALLED AT THIS LOCATION. THE LEFT TURN PHASE ALONG WESTBOUND SHADY GROVE ROAD SHALL OPERATE WITH AN EXCLUSIVE LEFT TURN PHASING.

SPECIAL NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

DISTRICT (THREE)

MR. JEFFREY WENTZ, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7318
MR. KEVIN NOWAK, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 513-7336
MR. WAYNE MOWDY, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304
MR. AUGIE REBISH, UTILITY ENGINEER
PHONE: (301) 513-7350

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR., CHIEF, TRAFFIC OPERATIONS
PHONE: (410)-787-7630
MR. ROBERT SNYDER, ASST. DIVISION CHIEF, TRAFFIC OPERATIONS
PHONE: (410)-787-7630
MR. ED RODENHIZER, TEAM LEADER SIGNAL OPERATIONS
PHONE: (410)-787-7650
MR. EUGENE BAILEY, TEAM LEADER SIGN OPERATIONS
PHONE: (410)-787-7670
MS. DARLENE EIDE, SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
PHONE: (410)-787-7668

MONTGOMERY COUNTY

MR. KEITH LORD
PHONE: (301) 279-1971
MR. KAMAL HAMUD, TRAFFIC ENGINEER - MCTMC
PHONE: (240) 777-8761

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

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

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

C. EQUIPMENT TO BE REMOVED.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM

NO CHANGES

ULTIMATE PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
	G	G	G	G	G	G	G	G	G	G	G	DW	DW	DW	DW
PHASE 2 AND 5	R	R	+G-	+G-	G	G	R	R	R	R	R	DW	DW	DW	DW
2 AND 5 CHANGE	R	R	+Y-	+Y-	G	G	R	R	R	R	R	DW	DW	DW	DW
PHASE 2 AND 6	G	G	+R-	+R-	G	G	R	R	R	R	R	WK	WK	WK	WK
PED CLEARANCE	G	G	+R-	+R-	G	G	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW
2 AND 6 CHANGE	Y	Y	+R-	+R-	Y	Y	R	R	R	R	R	DW	DW	DW	DW
PHASE 4 AND 8	R	R	+R-	+R-	R	R	G	G	G	G	G	DW	DW	DW	DW
4 AND 8 CHANGE	R	R	+R-	+R-	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

PHASE 3 PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	R	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW
	G	G	G	G	G	G	G	G	G	G	G	DW	DW	DW	DW
PHASE 2 AND 5	R	R	+G-	+G-	G	G	B	B	B	B	B	DW	DW	DW	DW
2 AND 5 CHANGE	R	R	+Y-	+Y-	G	G	A	A	A	A	A	DW	DW	DW	DW
PHASE 2 AND 6	G	G	+R-	+R-	G	G	G	G	G	G	G	WK	WK	WK	WK
PED CLEARANCE	G	G	+R-	+R-	G	G	G	G	G	G	G	FL/DW	FL/DW	FL/DW	FL/DW
2 AND 6 CHANGE	Y	Y	+R-	+R-	G	G	E	E	E	E	E	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	D	D	D	D	D	DARK	DARK	DARK	DARK

Released For Construction

JUL 11 2008

Intercounty Constructors
MD ICC Contract "A"

SEGMENT B1
APPROVED FOR
CONSTRUCTION



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
SHADY GROVE ROAD AT THE MD 200,
I-370 AND METRO STATION RAMP
GAITHERSBURG, MARYLAND

GENERAL INFORMATION SHEET

SCALE NOT TO SCALE DATE OCT. 2007 CONTRACT NO. AT3765960

DESIGNED BY A. MOHAMMED COUNTY MONTGOMERY
DRAWN BY A. MOHAMMED LOGMILE
CHECKED BY K. BINKER T.I.M.S. NO. 1047X
F.A.P. NO. AC-NH-ICC-1(1)N TOD NO.

TS NO. 2233B DRAWING pSG OF N002B SHEET NO. OF



TWO TAFT COURT * ROCKVILLE, MARYLAND 20850 * 301-354-8600

BY: C0038660