

**PROJECT DESCRIPTION**

**I. GENERAL**

THIS PROJECT INVOLVES THE INSTALLATION OF NONINVASIVE DETECTOR FOR BOTH EASTBOUND AND WESTBOUND US 50 BUSINESS AT NAYLOR STREET IN WICOMICO COUNTY.

**II. INTERSECTION OPERATION**

THE INTERSECTION OPERATES IN A NEMA FIVE-PHASE, FULL-TRAFFIC-ACTUATED MODE. THERE IS AN EXCLUSIVE/PERMISSIVE LEFT TURN PHASE FOR THE EASTBOUND APPROACH OF US 50 BUSINESS. THE US 50 BUSINESS THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY. THE NAYLOR ST. APPROACHES WILL OPERATE CONCURRENTLY WITH AN ALTERNATE PEDESTRIAN PHASE FOR THE WEST LEG OF THE INTERSECTION. THERE IS EMERGENCY VEHICLE PRE-EMPTION FOR BOTH DIRECTIONS OF US 50 BUSINESS. ALSO, THERE IS AN EMERGENCY VEHICLE PRE-EMPTION FOR SOUTHBOUND NAYLOR ST. WHICH UTILIZES PHASE 7. PHASE 7 IS NOT UTILIZED DURING THE NORMAL CONTROLLER OPERATION. THE INTERSECTION IS INTERCONNECT TO THE EAST (TRUITT ST.) AND TO THE WEST (WARD ST.).

**EQUIPMENT LIST FOR CONTRACT NO. XX2245185**

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

ITEM	QUANTITY	UNIT	DESCRIPTION
6004	225	SF	5 INCH CONCRETE SIDEWALK
8027	6	EA	NONINVASIVE DETECTOR, UP TO 1000 FOOT LEAD IN CABLE
8041	50	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - BORED
8042	45	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - SLOTTED
8043	25	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - TRENCHED
8054	4	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE

NOTE: THE QUANTITY FOR THE 12-PAIR INTERCONNECT IS CONTAINED IN THE INTERCONNECT PLANS PREPARED FOR THIS PROJECT.

**CONTACTS**

The contact persons are:

Mr. Gene Cofield  
Assistant District Engineer - Traffic  
Phone: 410-677-4040

Mr. Hicham Baassari  
Assistant District Engineer - Const.  
Phone: 410-677-4020

Mr. James Wright  
Assistant District Engineer - Maint.  
Phone: 410-677-4010

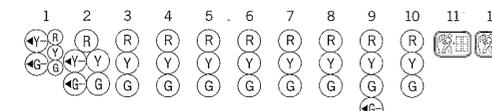
Mr. Bruce W. Poole  
Assistant District Engineer - Utility  
Phone: 410-677-4082

Mr. Richard L. Daff, Sr.  
Chief, Traffic Operations Division  
Phone: (410) 787-7630

Mr. Edward Rodenhizer  
Chief SHA Traffic Signal Shop  
Phone: (410) 787-7650

Mr. Rodney Bane  
The Power Company Representative  
Phone: (410) 860-6292

**PHASE CHART**

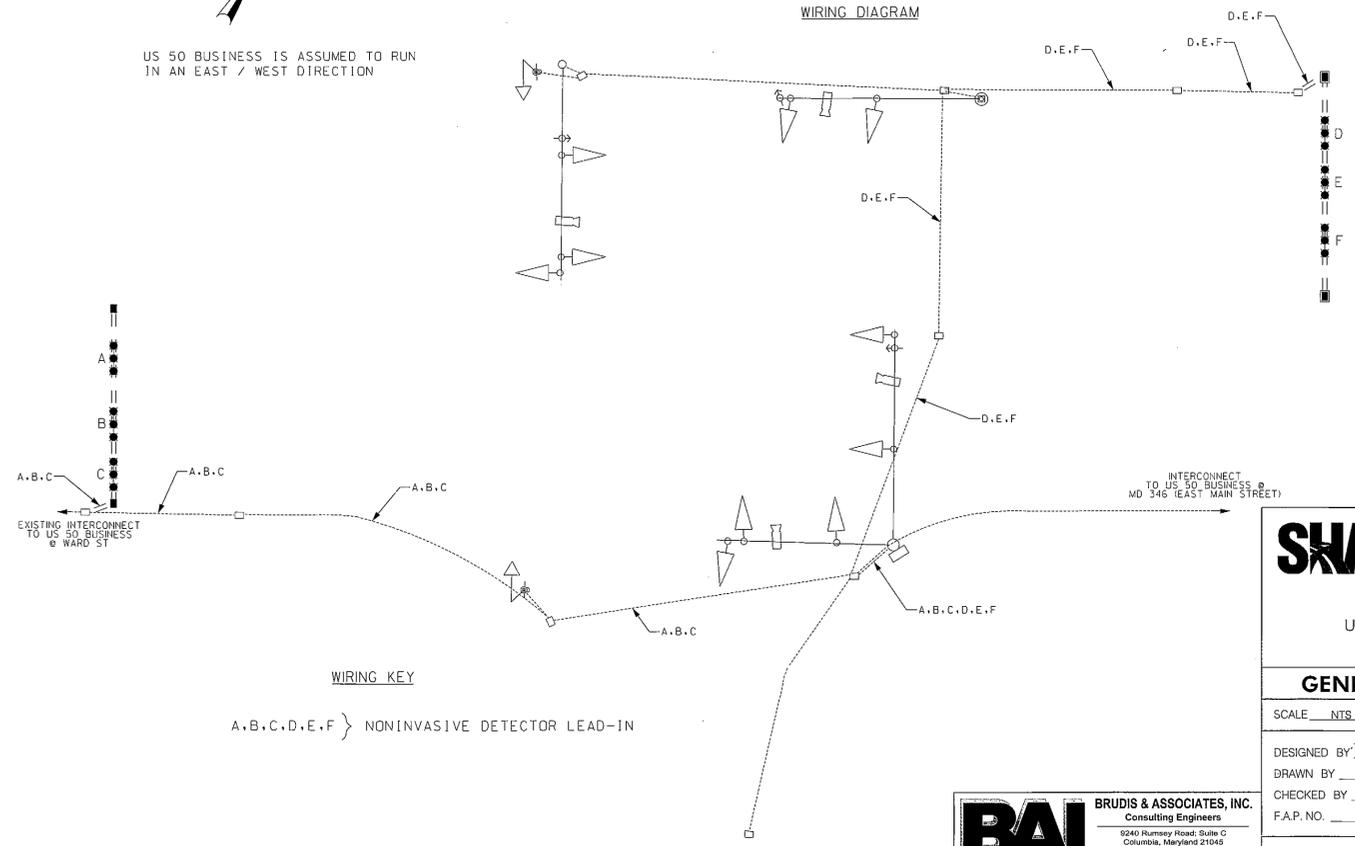
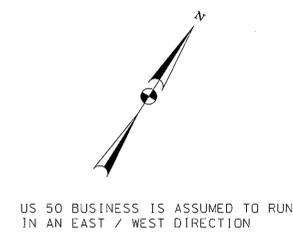


PHASE 1 AND 6	←GG	←GG	G	R	R	R	R	R	R	R	R	DW	DW	
1 AND 6 CHANGE	←YG	←YG	G	R	R	R	R	R	R	R	R	DW	DW	
PHASE 2 AND 6	G	G	G	G	G	R	R	R	R	R	R	DW	DW	
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	
PHASE 4 AND 8	R	R	R	R	R	R	G	G	G	G	G	DW	DW	
4 AND 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	
PHASE 8 ALT	R	R	R	R	R	R	G	G	G	G	G	FLDW	FLDW	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	FLDW	FLDW	
PHASE 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	

**EMERGENCY VEHICLE PRE-EMPTION**

Ø6 PRE-EMPTION 1	G	G	G	R	R	R	R	R	R	R	R	DW	DW	
Ø6 PRE-EMPTION 1 CHANGE	Y	Y	Y	R	R	R	R	R	R	R	R	DW	DW	
Ø2 PRE-EMPTION 2	R	R	R	G	G	R	R	R	R	R	R	DW	DW	
Ø2 PRE-EMPTION 2 CHANGE	R	R	R	Y	Y	R	R	R	R	R	R	DW	DW	
Ø4 AND Ø7 PRE-EMPTION 3	R	R	R	R	R	R	R	R	R	G	G	DW	DW	
Ø4 AND Ø7 PRE-EMPTION 3 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	DW	DW	

NOTE: PHASE 7 IS ONLY USED DURING PRE-EMPTION.



**WIRING KEY**  
A,B,C,D,E,F } NONINVASIVE DETECTOR LEAD-IN

TOD NO: XX224-04  
SHA NO: W1403A51/CS1  
US 50 BUS: @ CIVIC AVENUE

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

US 50 BUS. (SALISBURY PKWY) AT NAYLOR ST  
SALISBURY, MD

**GENERAL INFORMATION PLAN SHEET**

SCALE: NTS DATE: 09/20/09 CONTRACT NO.: XX2245185

DESIGNED BY: XM COUNTY: WICOMICO  
DRAWN BY: XM LOGMILE: 22005018.51  
CHECKED BY: JB TIMS NO.: J673  
F.A.P. NO.: TOD NO.:

TS NO. 2085G DRAWING - 2 OF 2 SHEET NO. 2 OF 2

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BY: xiacyu