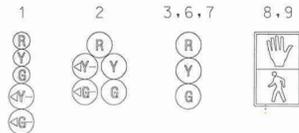


US 13 BUSINESS IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



EXISTING SIGNALS TO REMAIN



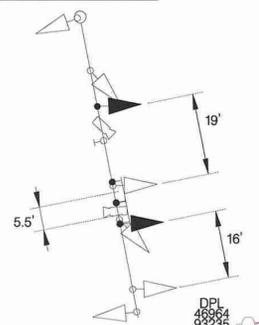
EXISTING VIDEO DETECTION CAMERA TO REMAIN



EXISTING SIGNALS TO BE RELOCATED



PROPOSED SIGNAL HEAD AND SIGN LAYOUT



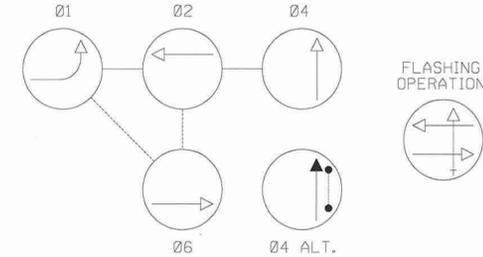
EXISTING SIGNS TO REMAIN



EXISTING SIGNS TO BE RELOCATED



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

THE CONTACT PERSONS FOR DISTRICT #1 / OOTS ARE AS FOLLOWS:

- District 1
- Mr. Gene Coffell, Assistant District Engineer - Traffic, Phone: 410-677-4040
- Mr. Bruce Poole, District Utility Engineer, Phone: 410-677-4082
- Mr. James Wright, Assistant District Engineer - Maintenance, Phone: 410-677-4010
- Mr. Ravindra Ganvir, Assistant District Engineer - Construction, Phone: 410-677-4020
- Office Of Traffic & Safety
- Mr. Richard L. Daff Sr., Chief, Traffic Operations Division, Phone: 410-787-7630
- Mr. Robert Snyder, Assistant Division Chief, Traffic Operations, Phone: 410-787-7630
- Mr. Edward Rodenhizer, Team Leader Sign Operations, Phone: 410-787-7650
- Mr. Eugene Bailey, Team Leader Sign Operations, Phone: 410-787-7670
- The Power Company Representative is: Delmarva Power, 2530 N Salisbury Blvd., Salisbury, Maryland 21801, 1-800-375-7117

TO US 13  
EX. I/C O/H SOUTH TO CHURCH ST.

US 13 BUSINESS (N. SALISBURY BOULEVARD)

US 50 BUS. EBR.  
US 50 BUS. WBR.

COMMERCE STREET  
RIGHT OF WAY

PROJECT DESCRIPTION

GENERAL  
THIS PORTION OF THE PROJECT INVOLVES THE RELOCATION OF SIGNAL HEADS TO ACCOMMODATE MAINTENANCE OF TRAFFIC FOR PHASE 2. US 13 BUSINESS IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION  
THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA FOUR-PHASE, FULL TRAFFIC-ACTUATED MODE. A SIDE STREET PEDESTRIAN PHASE IS PROPOSED.

CONTROLLER REQUIREMENTS  
THE EXISTING BASE MOUNTED CABINET AND CONTROLLER SHALL REMAIN.

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
NONE	NONE	NONE

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CATEGORY CODE	QUANTITY	DESCRIPTION
114035	190 LF	12 INCH WHITE NONTOXIC LEAD FREE WATERBORNE PAVEMENT MARKING PAINT
114045	60 LF	24 INCH WHITE NONTOXIC LEAD FREE WATERBORNE PAVEMENT MARKING PAINT
114280	55 LF	REMOVAL OF EXISTING PAVEMENT MARKING LINES - ANY WIDTH
120500	1 LS	MAINTENANCE OF TRAFFIC
120773	22 SF	RELOCATE SIGN
860265	2 EA	RELOCATE EXISTING SIGNAL HEAD

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
NONE	NONE	ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR

PHASE CHART

	1	2	3	4	5	6	7	8	9
PHASE 1 AND 6	+GG	+GG	G	R	R	R	R	DW	DW
PHASE 1 CHANGE	+YG	+YG	G	R	R	R	R	DW	DW
PHASE 2 AND 6	G	G	G	G	G	R	R	DW	DW
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	DW	DW
PHASE 4	R	R	R	R	R	G	G	DW	DW
PHASE 4 CHANGE	R	R	R	R	R	Y	Y	DW	DW
PHASE 4 ALT.	R	R	R	R	R	G	G	W	W
PED CLEARANCE	R	R	R	R	R	G	G	FL/DW	FL/DW
PHASE 4 CHANGE	R	R	R	R	R	Y	Y	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK

CONSTRUCTION DETAILS

- A. RELOCATE EXISTING TRAFFIC SIGNAL HEAD. USE EXISTING WIRING.
- B. RELOCATE EXISTING OVERHEAD SIGN.
- C. EXISTING PUSHBUTTON TO BE RECONNECTED BY THE SHA SIGNAL SHOP.
- D. REMOVE BAG FROM EXISTING PEDESTRIAN SIGNAL HEAD.
- E. USE EXISTING BASE MOUNTED CABINET.
- F. INSTALL 12 IN. WHITE NONTOXIC LEAD FREE WATERBORNE PAVEMENT MARKING PAINT.
- G. INSTALL 24 IN. WHITE NONTOXIC LEAD FREE WATERBORNE PAVEMENT MARKING PAINT.
- H. REMOVE EXISTING PAVEMENT MARKINGS.

GENERAL NOTES

- 1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
- 2. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
- 3. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.

**STV**  
STV Incorporated  
7125 Ambassador Road, Suite 200  
Baltimore, MD 21244  
www.stvinc.com

UTILITY LEGEND



CURRENT WORK ZONE

GEOMETRIC LEGEND



REDLINE REVISION NO. 1  
JANUARY 2010  
TEDD APPROVAL  
SHA NO. W6491580

APPROVALS

TEAM LEADER	ASST. DIV. CHIEF	DIVISION CHIEF	OFFICE DIRECTOR
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ORIGINAL ON FILE

REVISIONS

E	RECONSTRUCT SIGNAL DUE TO NEW BRIDGE GEOMETRICS	SHA# W6491580	12/20/09
E	RECONSTRUCT SIGNAL DUE TO NEW BRIDGE GEOMETRICS	SHA# W6491580	12/20/09
D	REPLACE EXISTING SIGNALS W/BLACK FACED	SHA NO. X0105185	4/20/04

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 13 BUSINESS (N. SALISBURY BOULEVARD)  
AT BROAD STREET / E. CHURCH STREET  
TEMPORARY SIGNAL - MOT PHASE 2

**SIGNALIZATION PLAN SHEET**

SCALE 1" = 20' ADVERTISED DATE 02/08/04 CONTRACT NO. W1-633-502-185

DESIGNED BY THOMAS ZAYDEL COUNTY WICOMC/O  
DRAWN BY THOMAS ZAYDEL LOGMILE 22B01305.64  
CHECKED BY DENNIS DODA JR. TMS NO. J116  
F.A.P. NO. TOD NO.

TS NO. 10022-E1 DRAWING SG-04 OF 10 SHEET NO. OF