

**PHASING NOTES:**

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION  
(CAMERA A TO BE REDIRECTED)

- GENERAL NOTES**
- THE INTERSECTION MODIFICATIONS SHALL BE COMPLETED PRIOR TO STARTING THE BRIDGE DECK REMOVAL OPERATIONS.
  - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
  - ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD818.01, MD818.02, AND MD818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
  - ALL PROPOSED PAVEMENT MARKINGS NOT DETAILED ON THIS PLAN ARE DETAILED ON THE SIGNING AND MARKING PLANS.
  - THE CONTRACTOR SHALL REMOVE ALL UNUSED SIGNAL CABLE.
  - CONTACT ED RODENHIZER AT SHA SIGNAL SHOP TO REDIRECT DETECTION CAMERA.
  - PROPOSED SIDEWALK ON ISLAND IN NE CORNER SHOULD MEET EXISTING SANITARY SEWER MANHOLE AT GRADE.

- CONSTRUCTION DETAILS**
- REMOVE EXISTING SIGNAL HEADS AND INSTALL NEW BLACK-FACED LED SIGNAL HEADS. RELOCATE SIGNS AS SHOWN.
  - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - MODIFY VIDEO DETECTION ZONE TO INCLUDE NEW PRESENCE ZONE FOR LEFT TURN LANE.
  - REMOVE EXISTING LOOP DETECTORS AND LEAD IN CABLE.
  - USE EXISTING HANDHOLE.
  - USE EXISTING CONDUIT.
  - USE EXISTING CABINET.
  - 24 IN. WHITE HEAT-APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOPLINE).
  - INSTALL HANDHOLE (TAP INTO EXISTING CONDUIT WHERE NECESSARY)
  - INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
  - INSTALL NON-INVASIVE MICROLOOP PROBE SET, WITH 1000' LEAD IN CABLE.

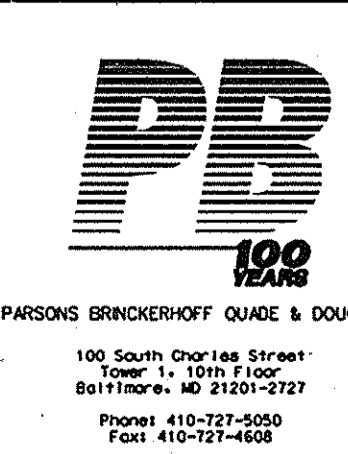
- REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW BLACK-FACED LED SIGNAL HEAD.
- CAP AND ABANDON EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE.
- RELOCATE EXISTING PEDESTRIAN SIGNAL POLE AND HEAD TO NEW CONCRETE FOUNDATION (NOTE: 1-3 IN. 90° PVC SCHEDULE 80 CONDUIT BEND). REMOVE EXISTING FOUNDATION 12 IN BELOW GRADE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (EXTEND FROM EXISTING CONDUIT WHERE NECESSARY).
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER 12 IN GUTTER PAN 8 IN DEPTH.
- INSTALL 4 IN CONCRETE SIDEWALK.
- INSTALL ADA RAMP COMPLIANT WITH MD STD. 655.12 WITH DETECTABLE WARNING SURFACES (MD STD 655.40).
- REMOVE EXISTING CURB AND GUTTER.

**GEOMETRIC LEGEND**

SD	SO
G	W
W	S
E	E
A	T
T	F

**UTILITY LEGEND**

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC



**APPROVALS**

TEAM LEADER	
ASST. DIV. CHIEF	
DIV. CHIEF	
OFFICE DIRECTOR	

**REVISIONS**

I	ADD 2ND EB LEFT TURN LANE ON US40
II	SHA CONTRACT NO. XX1065185 6/2003
III	MODIFY EXISTING TRAFFIC SIGNAL
IV	INSTALL 2-HIBS U: 40 EB
V	REBUILD TRAFFIC SIGNAL

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US40 AND MD222  
PERRYVILLE, MARYLAND

**TRAFFIC SIGNAL PLAN**

SCALE 1" = 20' DATE JULY 20, 1983 CONTRACT NO. CE-549X-285

DESIGNED BY: A. HOFFMAN COUNTY: CECIL  
DRAWN BY: E. MILESKY LOGMILE: 07004001.16  
CHECKED BY: T. I. M. S. NO. 1620  
F. A. P. NO. T. D. NO.

TS NO. 290-I DRAWING NO. 1 OF 2 SHEET NO. 1 OF 2