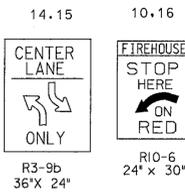
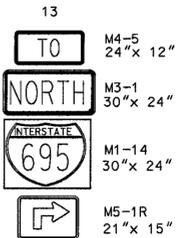


US 1 (SOUTHWEST BLVD) IS ASSUMED TO RUN IN A NORTH/ SOUTH DIRECTION

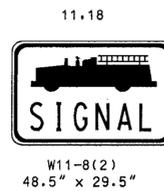
EXISTING SIGNS



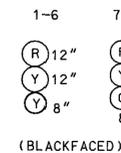
NOTE: EXISTING SIGNS 10 AND 16 WITH NEW 4" X 6" (DRILLED) WOOD SUPPORT SHALL BE RELOCATED AS SHOWN.



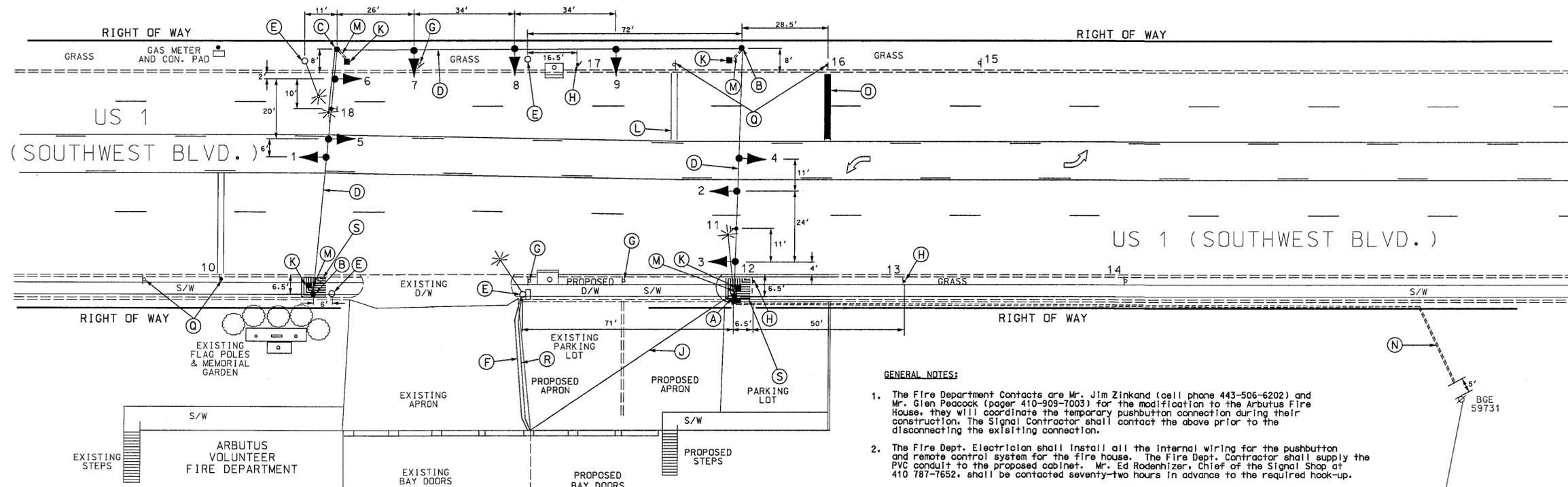
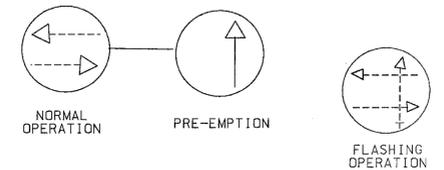
PROPOSED SIGNS



PROPOSED SIGNAL HEADS



FIREHOUSE PHASING



TO: US 1 AND SOUTH LEADS AVE.

TO: BALTIMORE COUNTY LINE.

CONSTRUCTION DETAILS

- A. INSTALL 12" X 30' STEEL STRAIN POLE, 20' LIGHTING ARM WITH 250W-HPS LUMINAIRE, CONTROL/DISTRIBUTION EQUIPMENT AND POLE MOUNTED CABINET (NOTE: 1-2" AND 1-3", 90° PVC (SCHEDULE 80) BEND), A 3" WEATHERHEAD AND 2" PVC RISER SHALL BE INSTALLED FOR THE TEMPORARY PUSHBUTTON CONNECTION, THE 3" BEND WILL BE USED FOR THE UNDERGROUND PUSHBUTTON CONNECTION PROVIDED BY THE FIREHOUSE CONTRACTOR.
- B. INSTALL 12" X 30' STEEL STRAIN POLE (NOTE: 1-3", 90° PVC (SCHEDULE 80) BEND).
- C. INSTALL 12" X 30' STEEL STRAIN POLE, 20' LIGHTING ARM WITH 250W-HPS LUMINAIRE (NOTE: 1-3", 90° PVC (SCHEDULE 80) BEND).
- D. INSTALL 3/8" DIA. STEEL SPAN WIRE, 1/4" DIA. TETHER WIRE, TRAFFIC SIGNAL HEADS AND SIGNS, AS SHOWN.
- E. REMOVE EXISTING STRAIN POLE WITH ALL ATTACHED EQUIPMENT AND THE FOUNDATION 12" BELOW GRADE.
- F. EXISTING PUSHBUTTON CONNECTION TO BE REMOVED AFTER TEMPORARY CONNECTION IS INSTALLED.
- G. REMOVAL OF EXISTING GROUND MOUNTED SIGN.
- H. INSTALL GROUND MOUNTED SIGN, AS SHOWN.
- J. PROPOSED TEMPORARY CONNECTION FOR FIREHOUSE PUSHBUTTON.
- K. INSTALL HANDHOLE.
- L. REMOVE EXISTING STOPLINE.
- M. INSTALL 3" PVC ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED.
- N. INSTALL 4" PVC ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED WITH A PULL STRING FROM THE CABINET TO WITHIN 5' OF THE BGE POLE 59731, CAPPED AND MARKED FOR SERVICE.
- O. INSTALL 24" WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING, AS SHOWN.
- P. PROPOSED OVERHEAD ELECTRICAL SERVICE BY BGE.
- Q. RELOCATE EXISTING SIGN, AS SHOWN.
- R. REMOVE EXISTING SERVICE FEED FROM THE FIREHOUSE.
- S. REMOVE 6' X 8' AREA AS SHOWN. REPLACE WITH 6' X 8' CONCRETE SIDEWALK AFTER THE INSTALLATION OF THE PROPOSED SIGNAL EQUIPMENT. (NOTE: SIDEWALK SHALL EXTEND TO THE CURB.)

GENERAL NOTES:

- 1. The Fire Department Contacts are Mr. Jim Zinkand (cell phone 443-506-6202) and Mr. Glen Peacock (pager 410-909-7003) for the modification to the Arbutus Fire House, they will coordinate the temporary pushbutton connection during their construction. The Signal Contractor shall contact the above prior to the disconnecting the existing connection.
- 2. The Fire Dept. Electrician shall install all the internal wiring for the pushbutton and remote control system for the fire house. The Fire Dept. Contractor shall supply the PVC conduit to the proposed cabinet. Mr. Ed Rodenhizer, Chief of the Signal Shop at 410 787-7652, shall be contacted seventy-two hours in advance to the required hook-up.
- 3. The internal controller equipment shall be removed from the existing cabinet, the signal contractor shall contact Mr. Rodenhizer at the above number and allowing 72 hours advance notice. The SHA shall be responsible for the internal connections in the cabinet.
- 4. The proposed service from BGE shall be installed prior to the signal contractor contacting Mr. Zinkand to have the existing service feed disconnected from the fire house.
- 5. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- 6. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.

**GEOMETRIC LEGEND**

PROPOSED ————  
EXISTING - - - - -

**LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES**

AERIAL CABLE	—A—A—
ELECTRIC	—E—E—
TELEPHONE	—T—T—
GAS	—G—G—
SEWER	—S—S—
WATER	—W—W—
CABLE TV	—TV—TV—

BRUDIS & ASSOCIATES, INC.  
CONSULTING ENGINEERS

9220 RUNSEY ROAD, SUITE 110  
COLUMBIA, MARYLAND 21045  
(410)-884-3607

BA1 JOB NO. 01-002.22.dgn

REVISIONS			APPROVALS		
①	6-28-02	FIRE HOUSE ENT. WIDENING, SIGNAL RECONSTRUCTED SHA NO. XX1065385	 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY		
EAM	6-24-04	MEDIAN REMOVE SIGNAL REBUILT			
C	6-24-04	NEW DESIGN, POLES & CABINET			
B	10-27-82	RELOCATE POLES			
BTE	SR	TH			
A	6-18-82	RELOCATE POLES			
BTE					

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
US1 (SOUTHWEST BLVD) AND ARBUS VOLUNTEER FIRE DEPARTMENT

DRAWN BY:	F.A.P. NO. AC-STPG-000S(787)E	TS NO. 1897D	SHEET NO. 1 OF 2
CHECKED BY:	S.H.A. NO. XX1065385		
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO. F328	
DATE: 06-15-02	LOG MILE: 03000102.50		