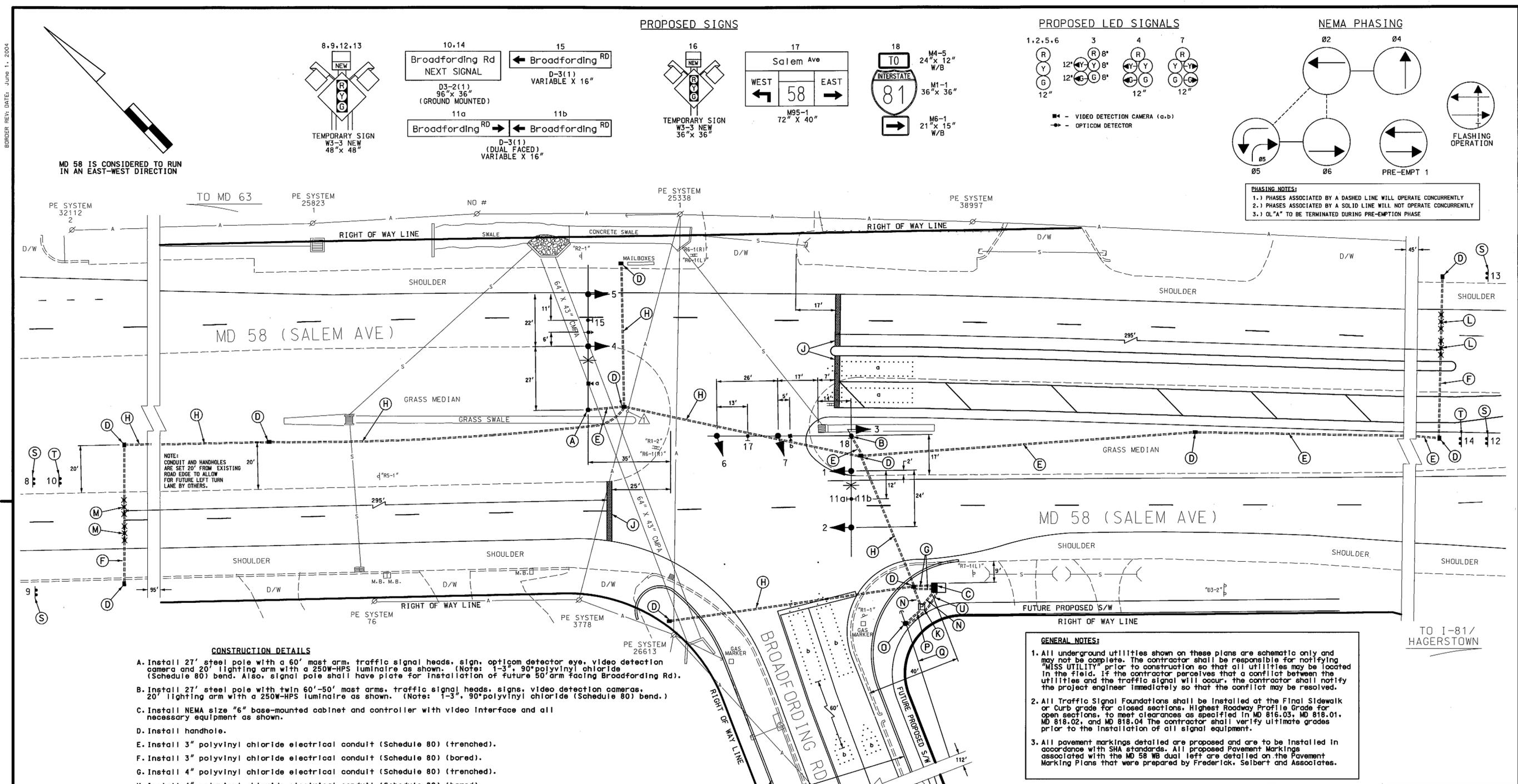


DRILL HOLES

DRILL HOLES

DRILL HOLES



NOTE:
CONDUIT AND HANDHOLES
ARE SET 20' FROM EXISTING
ROAD EDGE TO ALLOW
FOR FUTURE LEFT TURN
LANE BY OTHERS.

CONSTRUCTION DETAILS

- A. Install 27' steel pole with a 60' mast arm, traffic signal heads, sign, opticom detector eye, video detection camera and 20' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-3, 90° polyvinyl chloride (Schedule 80) bend. Also, signal pole shall have plate for installation of future 50' arm facing Broadfording Rd).
- B. Install 27' steel pole with twin 60'-50' mast arms, traffic signal heads, signs, video detection cameras, 20' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-3, 90° polyvinyl chloride (Schedule 80) bend.)
- C. Install NEMA size "6" base-mounted cabinet and controller with video interface and all necessary equipment as shown.
- D. Install handhole.
- E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- F. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- H. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- J. Install 24" white, heat applied permanent preformed thermoplastic pavement marking (stopline).
- K. Install metered service pedestal as shown.
- L. Install micro-loop probes with 500' lead-in cable as shown.
- M. Install micro-loop probes with 1000' lead-in cable as shown.
- N. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- O. Install 40' wood pole with down guy, 3" weatherhead with U-guard and 3" PVC bend for electrical service.
- P. Install 3" polyvinyl chloride electrical conduit (Schedule 40) (trenched) for electrical service.
- Q. Overhead electrical service by Allegheny Power.
- R. Install ground mounted W3-3 (NEW) sign 325' prior to stopline as shown.
- S. Install ground mounted W3-3 (NEW) sign 550' prior to stopline as shown. The contractor is to assure that the sign does not impede the vision of the proposed D3-2(1) sign in the median.
- T. Install ground mounted D3-2(1) sign 475' prior to stopline as shown.
- U. Install 2" polyvinyl chloride electrical conduit (schedule 80) (trenched) for phone drop. (Note: Install 2" bend at wood pole base.)

- GENERAL NOTES:**
1. 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.
 2. 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, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
 3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards. All proposed Pavement Markings associated with the MD 58 WB dual left are detailed on the Pavement Marking Plans that were prepared by Frederick, Seibert and Associates.

AERIAL HEIGHTS

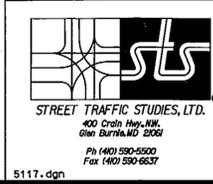
VERIZON	19'-10"
CATV	21'-0"
GUY WIRE	29'-0"
PRIMARY	39'-0"

GEOMETRIC LEGEND

PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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



APPROVALS

TEAM LEADER	<i>[Signature]</i> 1-5-10
ASST. DIV. CHIEF	<i>[Signature]</i> 1-5-10
DIVISION CHIEF	<i>[Signature]</i> 1-5-10
OFFICE DIRECTOR	<i>[Signature]</i> 1-5

REVISIONS

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 58 (SALEM AVE) AND BROADFORDING ROAD HAGERSTOWN, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 12/30/09 CONTRACT NO. BW1926M2

DESIGNED BY	R R ZACHERL	COUNTY	WASHINGTON
DRAWN BY	W J NIES	LOGMILE	21005802.93
CHECKED BY		TIMS NO.	J 534
F.A.P. NO.		TOD NO.	

TS NO. 4737 DRAWING NO. 1 OF 2 SHEET NO. OF

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