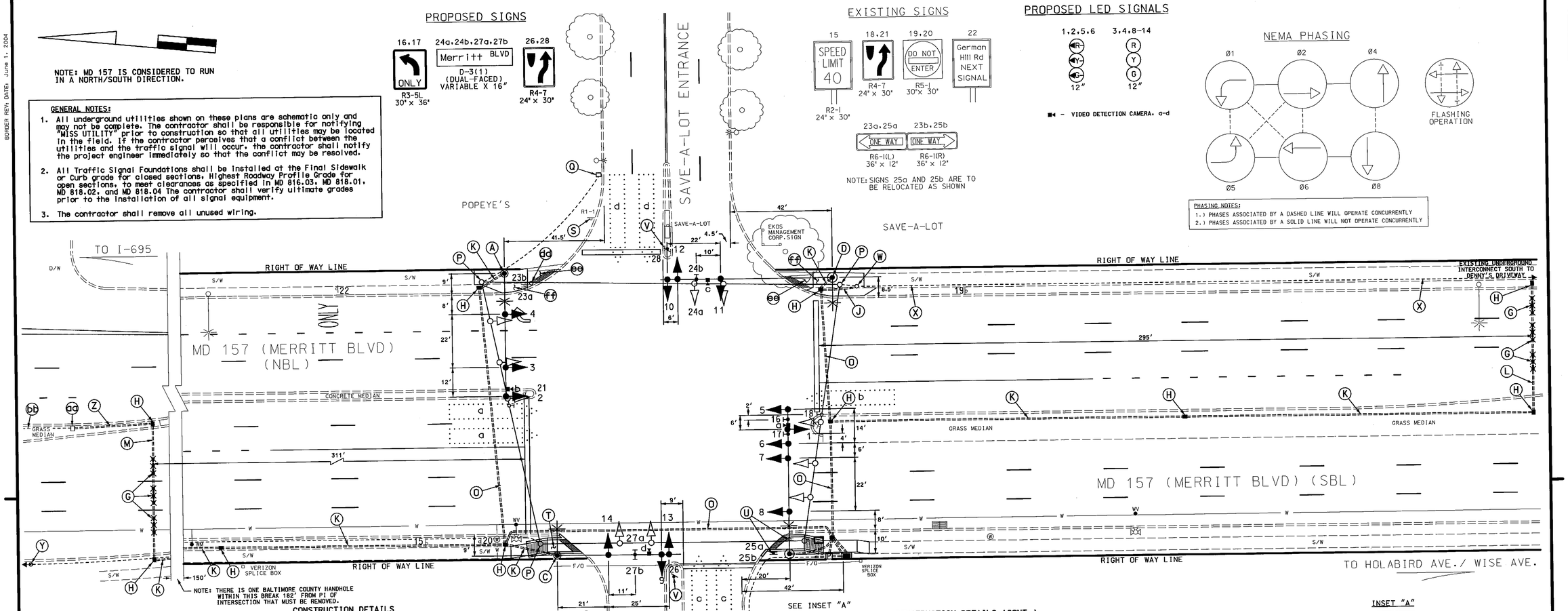
DRILL HOLES

BORDER REV. DATE: June 1, 2004

NOTE: MD 157 IS CONSIDERED TO RUN IN A NORTH/SOUTH DIRECTION.

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. The contractor shall remove all unused wiring.



CONSTRUCTION DETAILS

A. Install 27' steel pole with single 50' mast arm, traffic signal heads, signs, 10' lighting arm with a 250W-HPS luminaire and video detector camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 27' steel pole with single 60' mast arm, traffic signal heads, signs, 10' lighting arm with a 250W-HPS luminaire and video detector camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

C. Install 27' steel pole with single 50' mast arm, traffic signal heads, signs, 10' lighting arm with a 250W-HPS luminaire and video detector cameras as shown. (Note: 1-3", 90°polyvinyl chloride(Schedule 80) bend.)

D. Install 27' steel pole with single 70' mast arm, traffic signal heads, signs, 10' lighting arm with a 250W-HPS luminaire and video detector cameras as shown. (Note: 1-3", 90°polyvinyl chloride (Schedule 80) bend.)

E. Install NEMA size "6" base-mounted cabinet and controller with video interface, and all necessary equipment as shown.

F. Install metered pedestal. BGE is to pull back existing service from the cabinet and energize the metered pedestal as a "work with".

G. Install non-invasive micro-loop probes as shown.

H. Install handhole.

J. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

K. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

M. Install one 3" polyvinyl chloride and one 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted in the same slot). (Note: The 3" conduit will be on top of the 4" in the same slot.)

N. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

O. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

P. Remove existing strain pole, all attached signal equipment and foundation. 12" below grade and backfill. Cap and abandon existing conduit.

Q. Remove existing handhole. Cap and abandon existing conduit.

R. Disconnect existing 6 pair interconnnect cable from existing cabinet and reroute thru proposed conduit into proposed base mounted cabinet. Remove existing cabinet and foundation 12" below grade and backfill.

S. Remove existing stop sign along with post as shown.

CONSTRUCTION DETAILS (CONT.)

T. Install handicapped ramp as shown (See Sheet 2 of 3).

U. Relocate existing R6-1 "One Way" signs on existing 4"x4" wood post as shown.

V. Install proposed ground mounted R4-7 signs at 15° angle on one 4"x4" wood post as shown.

W. Use existing Baltimore County handbox. Pull back existing 6-pair interconnect cable (going south to Denny's) from the cabinet to this handbox and reroute through the proposed conduit system to the proposed cabinet.

X. Existing 6-pair interconnect cable in 1½" conduit to remain.

Y. Remove existing handhole. Cap and abandon existing conduit. Remove interconnect cable from German Hill Rd to German Hill Shopping Center Driveway.

Z. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) for installation of 12-pair interconnect cable (See "Wiring Diagram" Sheet 3 of 3 for details).

aa. Use existing handhole (See "Wiring Diagram" Sheet 3 of 3 for details).

bb. Use existing conduit (See "Wiring Diagram" Sheet 3 of 3 for details).

cc. Existing underground electrical service by BGE.

dd. Remove existing handhole. Cap and abandon existing conduit. Patch concrete sidewalk ramp.

ee. Existing ADA ramp to remain.

ff. Remove existing sidewalk and proposed as detailed on the "ADA Sheet" (Sheet 2 of 3).

TOD NO: XX645-08
SHA NO: BA9388S6
MD 157 @ German Hill Shopping Ctr/Save-A-Lot Driveway

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 —

REVISION "B"

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

REVISIONS		
B	RECONSTRUCT TRAFFIC SIGNAL SHA NO.: XX645S185 TIMS#: J957	5/17/11
A	AS BUILT	3/17/08

PLOTTED: @DATETIME@
FILE: $FILE@

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 157 (MERRITT BLVD) AND GERMAN HILL SHOPPING CENTER/ SAVE-A-LOT DRIVEWAY

DUNDALK, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 10-13-08 CONTRACT NO.

DESIGNED BY BALTIMORE COUNTY — COUNTY BALTIMORE
DRAWN BY ARZ — LOGMILE 03015703.89
CHECKED BY RRZ — TIMS NO.
F.A.P. NO. — TOD NO.

TS NO. 4687B | DRAWING NO. 1 OF 3 | SHEET NO. OF

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