DRILL HOLES

BORDER REV: DATE: June 1, 2004

MD 41 IS CONSIDERED TO RUN IN A NORTH - SOUTH DIRECTION

EXISTING SIGNS

27a: Hillsway AVE ⇨ | 27b: ⇦ Hillsway AVE
D3-2 (DUAL-FACED) VARIABLE X 16"

26a: McClean BLVD ⇨ | 26b: ⇦ McClean BLVD
D3-2 (DUAL-FACED) VARIABLE X 16"

30: Perring Pkwy
D3-2 VARIABLE X 16"

25: W3-3 48" x 48"

SIGN TO BE REMOVED: LEFT TURN YIELD ON GREEN — R10-12 36" x 42"

31: SOUTH MARYLAND 41 — M3-3 30"x 15", M1-5 24"x 24", M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

32: NORTH MARYLAND 41 — M3-1 30"x 15", M1-5 36"x 36", M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 36" x 75"

28: NORTH MARYLAND 41 — M3-1 24"x 12", M1-5 24"x 24", M6-1 21"x 15" — ASSOCIATED SHIELD ASSEMBLY 24" x 51"

29: SOUTH MARYLAND 41 — M3-3 30"x 15", M1-5 36"x 36", M6-1 30"x 24" — ASSOCIATED SHIELD ASSEMBLY 36" x 75"

EXISTING SIGNALS

17-24 — 12"

PROPOSED L.E.D. SIGNALS

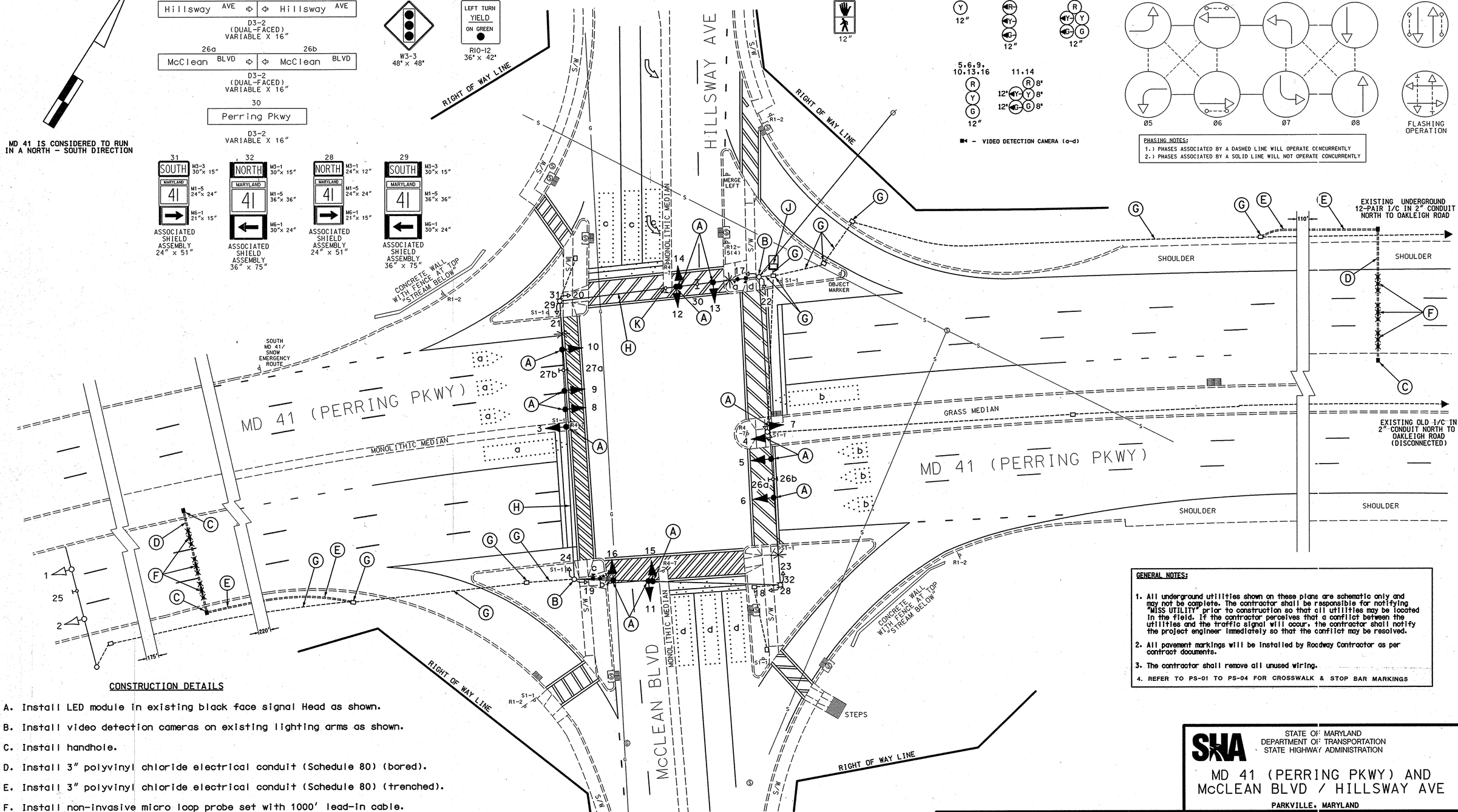
1,2: Y 12"
3,4,7,8: R, Y, G 12"
12,15: R, Y, G 12"
5,6,9,10,13,16: R, Y, G 12"
11,14: R 8", Y 8", G 8" (12")

◄ - VIDEO DETECTION CAMERA (a-d)

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø4 ALT Ø5 Ø6 Ø7 Ø8 FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



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 pavement markings will be installed by Roadway Contractor as per contract documents.
3. The contractor shall remove all unused wiring.
4. REFER TO PS-01 TO PS-04 FOR CROSSWALK & STOP BAR MARKINGS

CONSTRUCTION DETAILS

A. Install LED module in existing black face signal Head as shown.
B. Install video detection cameras on existing lighting arms as shown.
C. Install handhole.
D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
F. Install non-invasive micro loop probe set with 1000' lead-in cable.
G. Use existing handhole and/or conduit.
H. Use existing span wire and/or strain pole.
J. Use existing cabinet and controller. (Note: SHA Forces shall retrofit the Cabinet with all proper equipment for video detection.)
K. Remove existing overhead R10-12 sign as shown.

REVISION "E"

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GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE
ELECTRIC
TELEPHONE
GAS
SEWER
WATER
CABLE TV

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

REVISIONS
E 2-22-08 LED SIGNAL HEADS AND REPLACE DETECTION. SHA NO.: BA3055 JWA
D 5-01 ADD NB H.I.B. AND INTERSECTION LIGHTING. SHA NO.: NML DD DAZ
C 5-90 REVISED ELECTRICAL SERVICE. SHA NO.:

PLOTTED: $DATETIME$
FILE: $FILE$

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 41 (PERRING PKWY) AND McCLEAN BLVD / HILLSWAY AVE

PARKVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 11-1-01 CONTRACT NO. B238-476

DESIGNED BY
DRAWN BY G COOK
CHECKED BY
F.A.P. NO.
COUNTY BALTIMORE
LOGMILE 03004100.14
TIMS NO. I962
TOD NO.

TS NO. 849E | DRAWING NO. 1 OF 7 | SHEET NO. OF