DRILL HOLES

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BORDER REV. DATE: June 1, 2004

BY: WJWARNER

MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNAL HEADS

1,4 — 12"/8" LED

2,5 — 12" LED

3,6,7,8,9,10 — 12" LED

11-16 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

EXISTING SIGNS

19,21 — R3-5L (30"x36")

17 — Greenridge Rd →

18 — ← Greenridge Rd

D-3(1) (DUAL FACED) VARIABLE x 16"

20 — York Rd, NORTH 45 SOUTH, MARYLAND — M95-1-NL (MOD) (72"x40")

22 — York Rd, SOUTH 45 NORTH, MARYLAND — M95-1-NR (MOD) (72"x40")

23, 24, 25, 26, 27, 28 — R10-4(1) (9"x12") W/ APS

EXISTING NEMA PHASING

Ø1, Ø2, Ø4, Ø2, Ø5, Ø6, Ø8, Ø6, Ø4+Ø8 ALT, FLASHING OPERATION

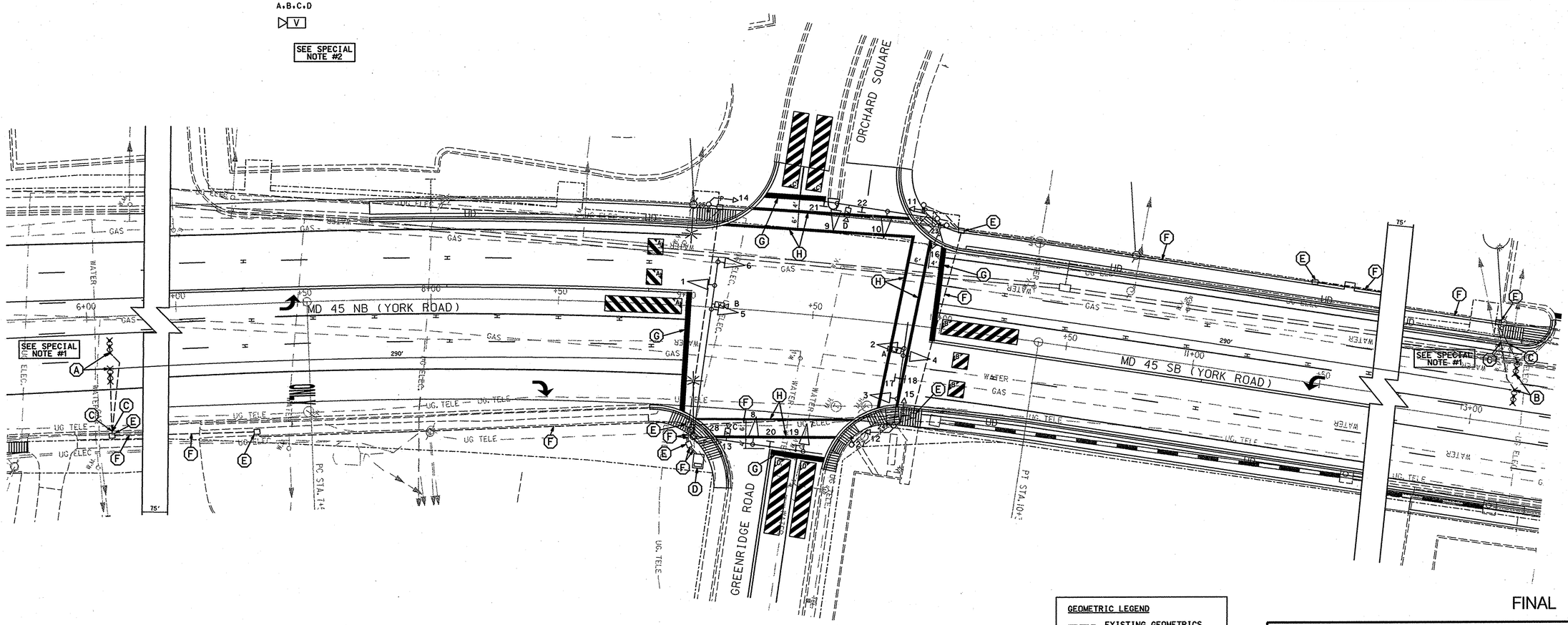
PHASING NOTES:

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

EXISTING VIDEO DETECTION CAMERAS

A,B,C,D

SEE SPECIAL NOTE #2



FINAL

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY

CONSTRUCTION DETAILS

A. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN WITHIN 4 IN. CONDUIT.

B. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN WITHIN 4 IN. CONDUIT.

C. INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.

D. USE EXISTING BASE MOUNTED CONTROLLER.

E. USE EXISTING HANDHOLE.

F. USE EXISTING CONDUIT.

G. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).

H. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (CROSSWALK).

GENERAL NOTES

1. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.

SPECIAL NOTES

1. MICROLOOP PROBE SETS SHALL BE INSTALLED IN FINAL MD 45 TRAVEL LANE LOCATIONS AFTER ALL PAVEMENT GRINDING IS COMPLETED AND IMMEDIATELY PRIOR TO THE FINAL MD 45 PAVEMENT OVERLAY.
2. VIDEO DETECTION AREAS MAY NEED TO BE ADJUSTED BASED ON FINAL PAVEMENT MARKINGS.
3. ALL CROSSWALKS ARE CENTERED TO THE CENTER OF THEIR RESPECTIVE CURB RAMPS.

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APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	E RECONSTRUCT SIGNAL DUE TO WIDENING 3/06 BA7065171
OFFICE DIRECTOR	

ORIGINAL ON FILE

PLOTTED: 03/02/2006
FILE: G:\4674\10\DESIGN\ENGINEERING\PLANSET\SS16MD45.DGN

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MARYLAND 45 (YORK ROAD) WIDENING
CAVAN DRIVE TO RIDGELY ROAD

SIGNALIZATION PLAN – MD 45 at Greenridge Road

SCALE 1"=20' DATE 8/4/87 CONTRACT NO. BA7065171

DESIGNED BY W.R. SMITH
DRAWN BY W.R. SMITH
CHECKED BY C.R.M.
F.A.P. NO. SEE TITLE SHEET

COUNTY BALTIMORE
LOGMILE 03004503.41
T.I.M.S. NO. F159
TOD NO.

DRAWING NO. SS-16 OF SS-25

SHEET NO. 84 OF 137