DRILL HOLES

BORDER REV. DATE: June 1, 2004

NOTE: US 50 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

PROPOSED SIGNS

8,9 — TEMPORARY SIGN W3-3 NEW 36"x 36"; NEW; R Y G; D-3(2) 12" x 72"; Idlewild Ave

10 — Idlewild Ave; D3-2 DUAL-FACED VARIABLE X 16"

17 — WEST; M3-2 24"x 12"; 50; M1-4 24"x 24"; M6-1 21"x 15"; ASSOCIATED SHIELD ASSEMBLY 24" x 51"

18 — EAST; M3-4 24"x 12"; 50; M1-4 24"x 24"; M6-1 21"x 15"; ASSOCIATED SHIELD ASSEMBLY 24" x 51"

16 — R4-7 24" x 30"

11 — R3-32 30" x 30"

14,19 — OM-1(1) 18" x 18"

12,13 — DO NOT ENTER; R5-1 30"x 30"

15 — W4-1(L) 30"x 30"

PROPOSED SIGNALS

3 — R, Y, G; 12"

1,2,4-7 — R, Y, G; 12"

ALL SIGNALS SHALL BE LED

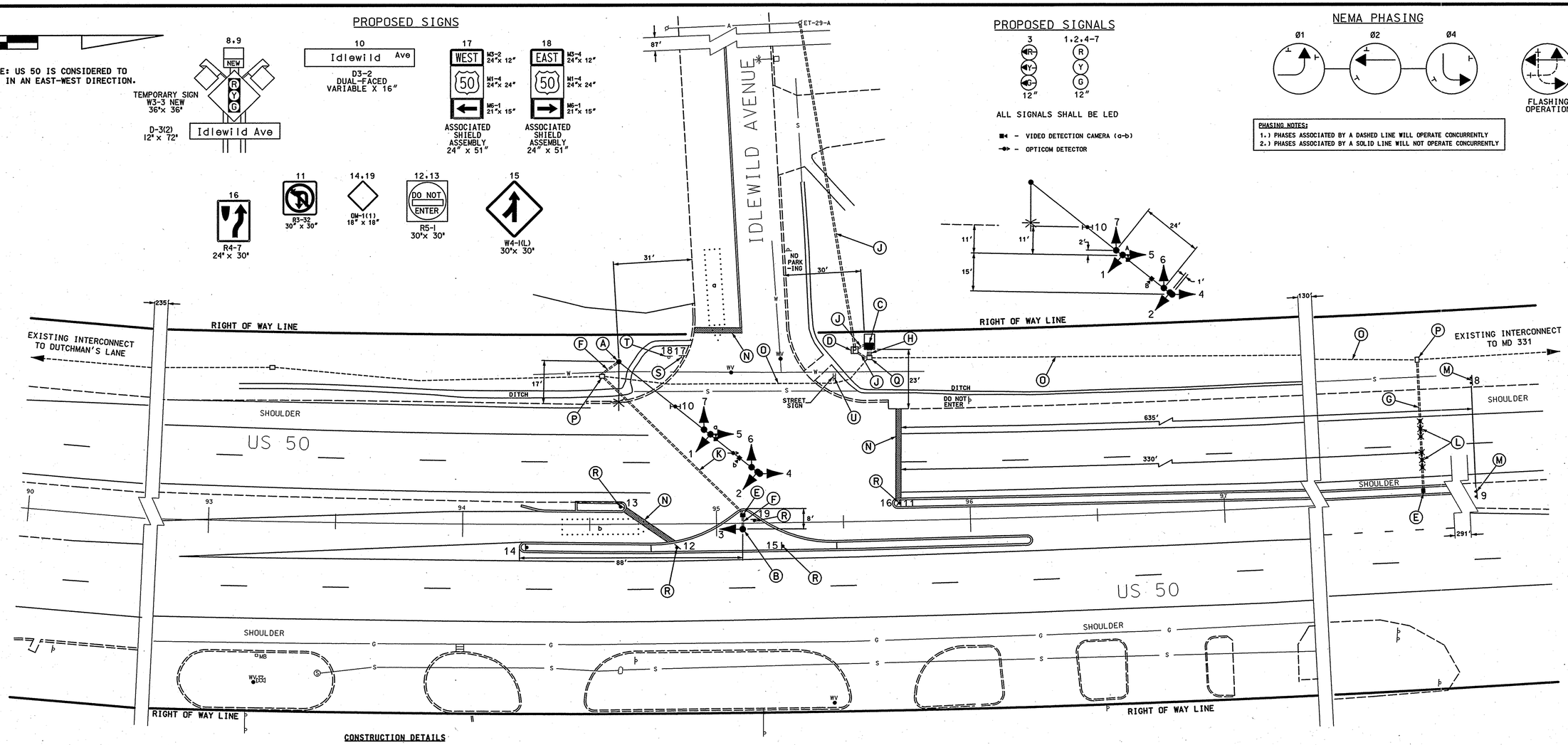
- VIDEO DETECTION CAMERA (a-b)
- OPTICOM DETECTOR

NEMA PHASING

Ø1 Ø2 Ø4

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



CONSTRUCTION DETAILS

A. Install 27' steel pole with single diagonal 70' mast arm, traffic signal heads, signs, opticom detector eye,15' lighting arm with 250 Watt HPS luminaire and video detection camera as shown. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend.)

B. Install 14' pedestal pole with signal head. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

C. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.

D. Install metered pedestal for electrical service.

E. Install handhole.

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

G. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).

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

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

K. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

L. Install non-invasive micro loop probe set with 500' lead-in cable.

M. Install ground mounted signs on (2) 4" x 6" wood posts as shown. (Note: After 90 days the flags and "NEW" sign shall be removed by District 2).

N. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline)

O. Use existing conduit.

P. Use existing handhole.

Q. Contractor shall cut interconnect in this handhole and pull into Proposed Cabinet.

R. Install ground mounted sign as shown.

S. Remove existing R3-2 "STOP" sign after signal is operational and install US 50 EAST sign with left arrow on existing post as shown.

T. Remove all existing ground mounted signs from post and install proposed signs as shown.

U. Remove existing ground mounted sign and post.

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 detailed are proposed and are to be installed in accordance with SHA standards.
3. 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.

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—

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APPROVALS	REVISIONS
TE HDQ LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

PLOTTED: \$DATETIME\$
FILE: \$FILE\$

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

US 50 AND IDLEWILD AVENUE

EASTON, MARYLAND

SCALE 1"= 20' DATE 11-16-2005 CONTRACT NO. TA4265187

DESIGNED BY JAMES ALLEN JR
DRAWN BY D.A.NIES
CHECKED BY
F.A.P. NO.
COUNTY TALBOT
LOGMILE 20005012.09
TIMS NO. G570
TOD NO.

TS NO. 4449 | DRAWING NO. | OF | SHEET NO. 34 OF 49

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