F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SIGNS

24.28 — W3-3 — 36" X 36"

15.16.21.22 — W3-3 — 48" X 48"

20 — W3-3 — 48" X 48" — NOTE: Mounted on H.I.B. **(TO BE REMOVED)**

18.23 — Walston Switch RD — D3-2 (VARIABLE X 16")

25.26.29.30 — Ocean Gateway — D3-2 (VARIABLE X 16")

27.31 — ONLY — R3-5(L) 30" x 36"

19 — Walston Switch Rd NEXT SIGNAL — D3-2 (MOD) Variable X 32" — NOTE: Mounted on H.I.B.

17 — Walston Switch Rd NEXT SIGNAL — D3-2 (MOD) Variable X 32"

SIGNALS

1.2.5-14 — R, Y, G — 12"

3.4 — Y — 12"

PROPOSED SIGNAL

20a — RED SIGNAL AHEAD — 60" x 60" "RED SIGNAL AHEAD" LED SIGN

NEMA PHASING

Ø2 Ø4 Ø6 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.

EQUIPMENT DETAILS

A. 27' steel pole with a 40' mast arm, traffic signal heads, signs and 20' lighting arm with 250W-HPS luminaire and signs as shown. (Note: 1-2", polyvinyl chloride (Schedule 40) bend.)

B. 27' steel pole with a 40' mast arm, traffic signal heads, 20' lighting arm with 250W-HPS luminaire and signs as shown. (Note: 1-2", polyvinyl chloride (Schedule 40) bend.)

C. 21' steel pole with twin 40'-50' mast arms, traffic signal heads and signs as shown. (Note: 1-2", polyvinyl chloride (Schedule 40) bend.)

D. NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-2" polyvinyl chloride (Schedule 80) bend, 1-3" polyvinyl chloride (Schedule 40) bend and 2-4" polyvinyl chloride (Schedule 40) bends.)

E. 6'x 30' loop detector encased in 1/4" flexible tubing quadrupole type (2-4-2).

F. 6'x 6' loop detector encased in 1/4" flexible tubing (3-turns).

G. Handhole.

H. 2" polyvinyl chloride electrical conduit (Schedule 80) (bored).

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

K. 2" polyvinyl chloride electrical conduit (Schedule 40) (trenched).

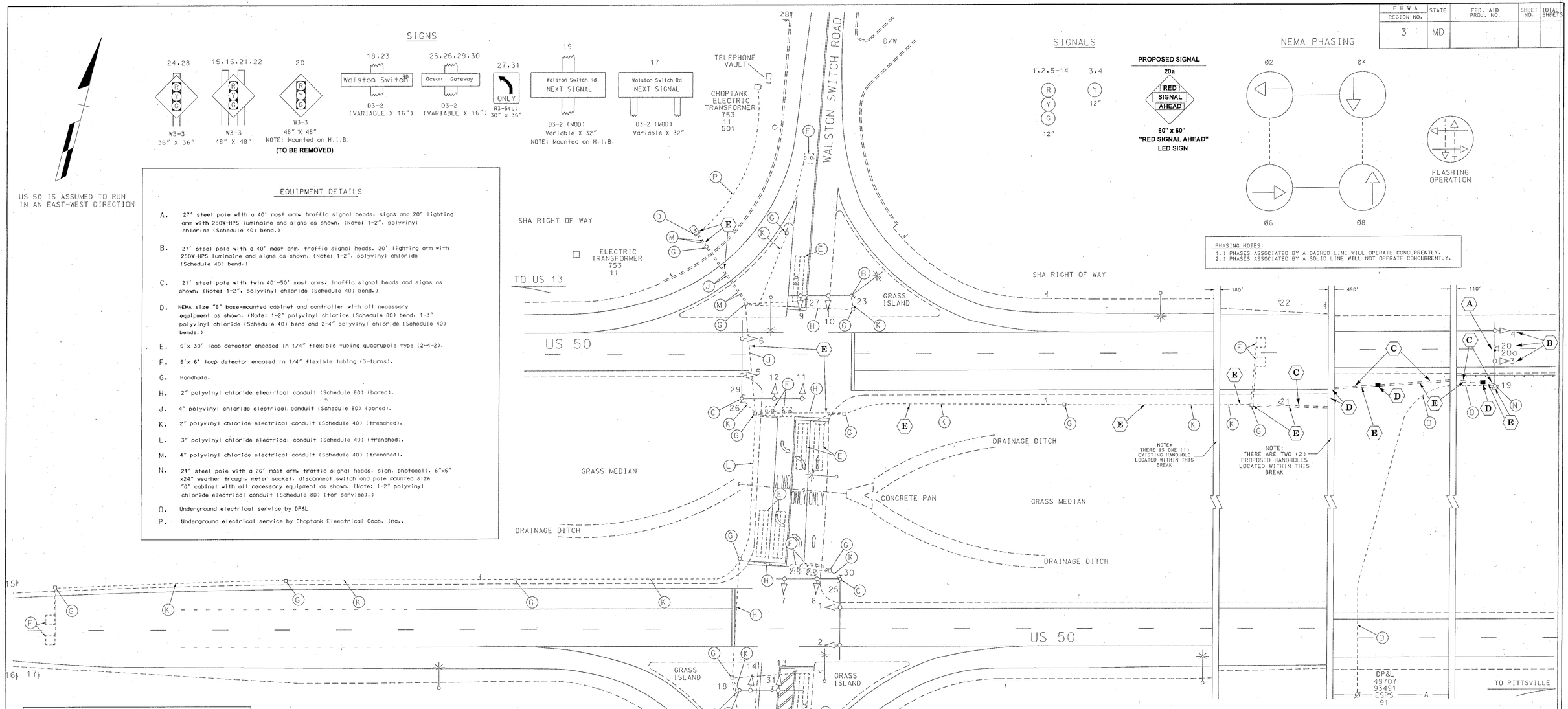
L. 3" polyvinyl chloride electrical conduit (Schedule 40) (trenched).

M. 4" polyvinyl chloride electrical conduit (Schedule 40) (trenched).

N. 21' steel pole with a 26' mast arm, traffic signal heads, sign, photocell, 6"x6" x24" weather trough, meter socket, disconnect switch and pole mounted size "G" cabinet with all necessary equipment as shown. (Note: 1-2" polyvinyl chloride electrical conduit (Schedule 80) (for service).)

O. Underground electrical service by DP&L

P. Underground electrical service by Choptank Eleectrical Coop. Inc..



GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.

2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

CONSTRUCTION DETAILS

(B)

A. INSTALL 60" X 60" RED SIGNAL AHEAD SIGN ON EXISTING MAST ARM.

B. REMOVE AND DISPOSE OF EXISTING SIGNAL HEADS, SIGN, AND WIRING.

C. INSTALL 2" PVC ELECTRICAL CONDUIT - TRENCHED.

D. INSTALL HANDHOLE.

E. INSTALL INTERCONNECT CABLE.

EQUIPMENT LIST

(B)

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8000(NEG. PENDING)	1	EA	RED SIGNAL AHEAD SIGN AND ASSOCIATED CABINET
8024	800	LF	2" SCH. 80 PVC ELEC. COND. - TRENCHED
8033	4	EA	HANDHOLE
8034	1	EA	GROUND ROD 5/8IN. DIA. X 10' LENGTH
8039	1600	LF	12 PAIR JELLY FILLED UNDERGROUND INTERCONNECT CABLE
8044	50	LF	5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
8048	30	LF	STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
8060	1	EA	REMOVE EXISTING SIGNAL HEADS, SIGN, AND WIRING

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 "A"

STREET TRAFFIC STUDIES, LTD.
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
(410) 859-3553
3023

REVISIONS	APPROVALS
(B) INSTALL RED SIGNAL AHEAD LED SIGN HIB 2-28-00	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
cj	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
(A) ASBUILT 6-6-96 S.H.A. NO.: AW-774-476-185P	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
R.R.Z.	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 50 AND WALSTON SWITCH ROAD

REDRAWN BY: Chris Jednorski	F.A.P. NO.		TS NO. 3587 (B)	SHEET NO.
CHECKED BY:	S.H.A. NO.			
SCALE: 1"=30'	COUNTY:	WICOMICO	T.I.M.S. NO. D-573	1 OF 1
DATE: 2/28/00	LOG MILE:	22005021.33		