US 50 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION

EXISTING SIGNS TO REMAIN

15, 19

EXISTING SIGNS TO BE REMOVED

23 EAST 50

27 WEST 50

PROPOSED SIGNS

32 NORTH MARYLAND 346 — M3-1 (30"x15") M1-5 (48"x36") M6-1 (21"x15")

16, 18 LEFT TURN YIELD ON GREEN — R10-12 (36"x42")

25, 30 Salisbury PKWY — D-3(2) (VAR.X16")

17, 20 East Main ST — D-3(2) (VAR.X16")

22, 28 ONLY — R3-5(L) (30"x36")

33 SOUTH MARYLAND 346 — M3-3 (30"x15") M1-5 (48"x36") M6-1 (21"x15")

31 SOUTH MARYLAND 346 — M3-3 (24"x12") M1-5 (30"x24") M7-1 (12"x9")

24 WEST BUSINESS 50 — (48" X75") SHIELD ASSEMBLY

29 EAST BUSINESS 50 — (48" X75") SHIELD ASSEMBLY

21 EAST BUSINESS 50 — M3-2 (24"x12") M4-3 (24"x12") M1-4 (24"x24") M7-4 (12"x9")

26 WEST BUSINESS 50 — M3-4 (24"x12") M4-3 (24"x12") M1-4 (24"x24") M7-4 (12"x9")

PROPOSED SIGNALS

3, 6, 7, 8, 9, 10, 11, 12 — 12"

2, 5 — 12"

1, 4 — 12"/8"

13, 14 — 12"

PROPOSED DETECTION EQUIPMENT

a, b, c, d — PROPOSED OVERHEAD VIDEO DETECTION

e, f — PROPOSED OPTICOM PRE-EMPTION EYE

NEMA PHASING

Ø1, Ø2, Ø4, Ø4 ALT., PREMPTION 1, Ø5, Ø6, Ø8, FLASHING OPERATION, PREMPTION 2

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, OPTICOM EYE AND OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 70 FT. MAST ARM WITH SIGNAL HEADS, SIGNS AND OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).

C. INSTALL CONRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNALS, PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).

D. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE.

E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED

F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

H. INSTALL HANDHOLE.

J. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

K. REMOVE EXISTING POLE AND FOUNDATION 12" BELOW GRADE AND BACKFILL.

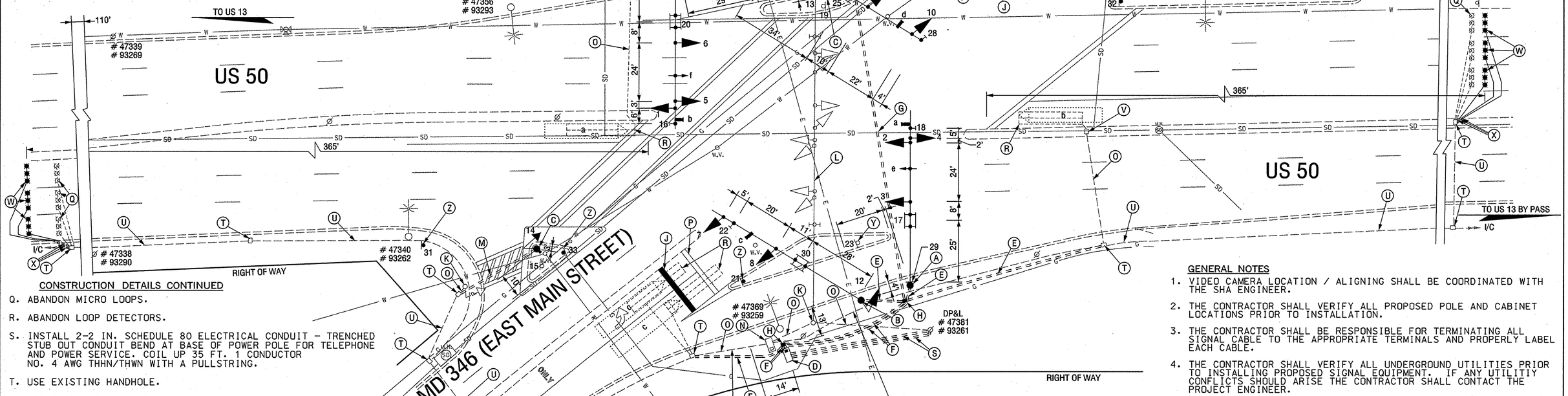
L. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

M. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

N. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

O. CAP AND ABANDON CONDUIT.

P. REMOVE EXISTING PAVEMENT MARKING.



CONSTRUCTION DETAILS CONTINUED

Q. ABANDON MICRO LOOPS.

R. ABANDON LOOP DETECTORS.

S. INSTALL 2-2 IN. SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED STUB OUT CONDUIT BEND AT BASE OF POWER POLE FOR TELEPHONE AND POWER SERVICE. COIL UP 35 FT. 1 CONDUCTOR NO. 4 AWG THHN/THWN WITH A PULLSTRING.

T. USE EXISTING HANDHOLE.

U. USE EXISTING CONDUIT.

V. REMOVE EXISTING HANDHOLE AND BACKFILL.

W. INSTALL MICRO-LOOP PROBE SET WITH 1000 FT. LEAD-IN CABLE.

X. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (FOR DETECTOR WIRE SLEEVE.)

Y. REMOVE EXISTING SIGN.

Z. INSTALL GROUND MOUNTED SIGN.

CONDUIT IS TO BE MAINTAINED UNTIL EXISTING 12 PAIR INTERCONNECT CABLE IS REROUTED.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES

SABRA, WANG & ASSOCIATES, INC.
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WWW.SABRA-WANG.COM

REVISIONS

© SHA No: WI 615A51/B51 RECONSTRUCT TRAFFIC SIGNAL SHA NO. XX1065185	09-11-03	SWA	DBL
ⓓ INSTALL PED INICATIONS FOR EAST LEG OF US 50	MEL MAR		TH
© REPLACEMENT OF LOOP DETECTORS SHA. No AW-516-501-085 FAP. No. AC-STIG-0005(198)E	DJD		
ⓑ OMIT SB. E MAIN ST. RT. LANE LOOP MAINLINE LT. TURN LOOPS /HANDBOX SHA. NO. W1632502185	01-03-86	CRL	SR

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

US 50 (SALISBURY PKWY) AT MD 346 (EAST MAIN STREET)

DRAWN BY:	D. MILLER	F.A.P. NO.	SEE TITLE SHEET	TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.	W276A5K/RSK	TS-1970E	
SCALE:	1" = 20'	COUNTY:	WICOMICO	T.I.M.S. NO.	
DATE:	6-25-84	LOG MILE:	22B05004.39	F-596	1 OF 3

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DATE:11-Sep-03 13:54