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

EXISTING SIGNS AND SIGNALS

SIGNS

9,10 Pioneer Dr D3-2

24,25,27 S2 - 1 30" x 30"

23,26 S1 - 1 30" x 30"

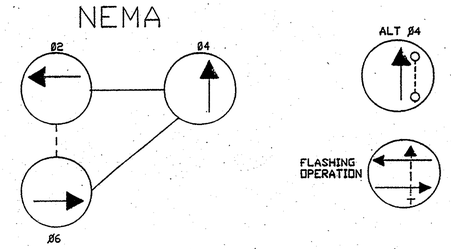
SIGNALS

5,6 R Y G 8"

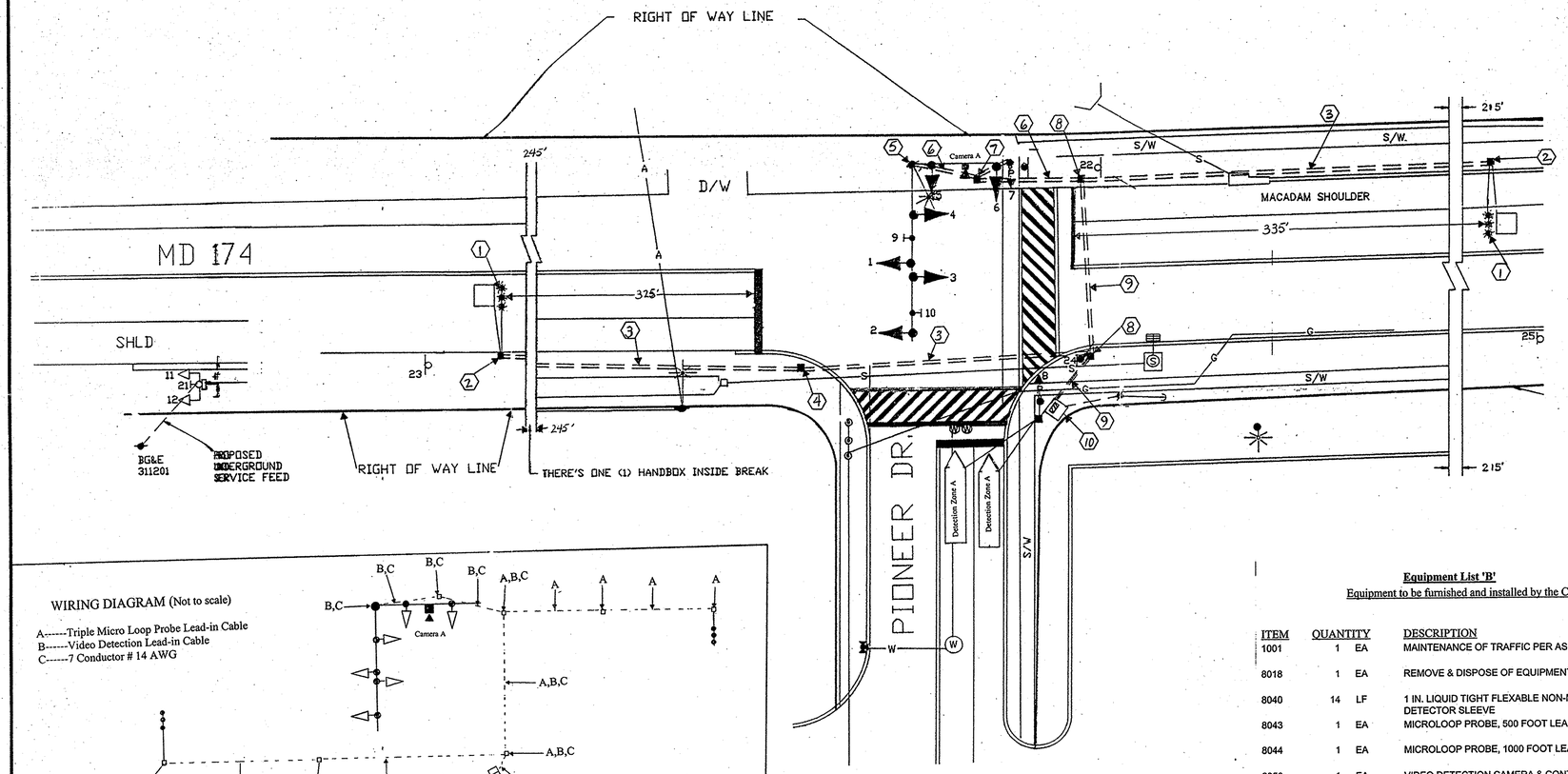
1-4 R Y G 12"

7,8 12"

NEMA



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



Construction Details

1. Install triple Micro Loop probe set.
2. Use existing handhole. Remove existing loop detector lead-in cable. Install proposed detector sleeve and triple micro loop probe lead-in cable.
3. Use existing conduit. Remove existing loop detector lead-in cable. Install proposed triple micro loop probe lead-in cable.
4. Use existing handhole. Remove existing loop detector lead-in cable. Install proposed triple micro loop probe lead-in cable.
5. Use existing mast arm and upright. Install proposed camera and video detection lead-in cable.
6. Use existing conduit. Install proposed video detection lead-in cable.
7. Use existing handhole. Install proposed video detection lead-in cable.
8. Use existing handhole. Remove existing loop detector lead-in cable(s). Install proposed triple micro loop probe and video detection lead-in cables.
9. Use existing conduit. Remove existing loop detector lead-in cable(s). Install proposed triple micro loop probe and video detection lead-in cables.
10. Use existing controller cabinet. Remove existing loop detector lead-in cables for phases 2, 4 and 6. Install proposed triple micro loop probe and video detection lead-in cables. Traffic Operations Division personnel to install and program video interface equipment and re-tune existing amplifiers upon completion of proposed work.

Equipment List 'A'
Equipment to be supplied and installed by SHA.
Communication Panel
TS-2 Mini-Hub
TS-2 Mini-Hub Cables
Industrial 56k Modem
SDLC Cables

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8040	14	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8043	1	EA	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
8044	1	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8050	1	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8063	40	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'
Removed and Salvaged Items

NONE

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
	HANDHOLE	
	LOOP DETECTOR(6X30)	
	LOOP DETECTOR(6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

UTILITY LEGEND

- G — GAS MAIN
- W — WATER MAIN
- S — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- T — TELEPHONE CABLES

REVISIONS	APPROVALS
© March 2007 Install Video Detection OT 2007 TIMSET-463	CHIEF, SIGNAL SHOP
5-99 Remove Advance HIB	ASST. DISTRICT ENGINEER, TRAFFIC
ASBUILT 2/90 INSTALL HIB FOR SCHOOL CRUSSINGS	CHIEF, BUREAU OF TRAFFIC ENGINEERING
	DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

NOTE: THIS IS A REVISION TO TS-2494 THE PRECEDING TS-2494 IS VOID

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic
TRAFFIC ENGINEERING DIVISION

SIGNAL #

REDRAWN BY ACAD
DRAWN BY DERRICK DICKERSON
DES. BY: R R ZACHERL (FOR STS)
CHK. BY:

MD 174 AND PIONEER DR
VAN BOKKELEN ELEMENTARY SCHOOL

COUNTY: ANNE ARUNDEL

DATE: 7/28/88
SCALE: 1"=20'
F.A.P. NO.
S.H.A. NO.
TS/FILE NO. TS-2494 C
SHEET NO. 1 OF 1

02017400.48