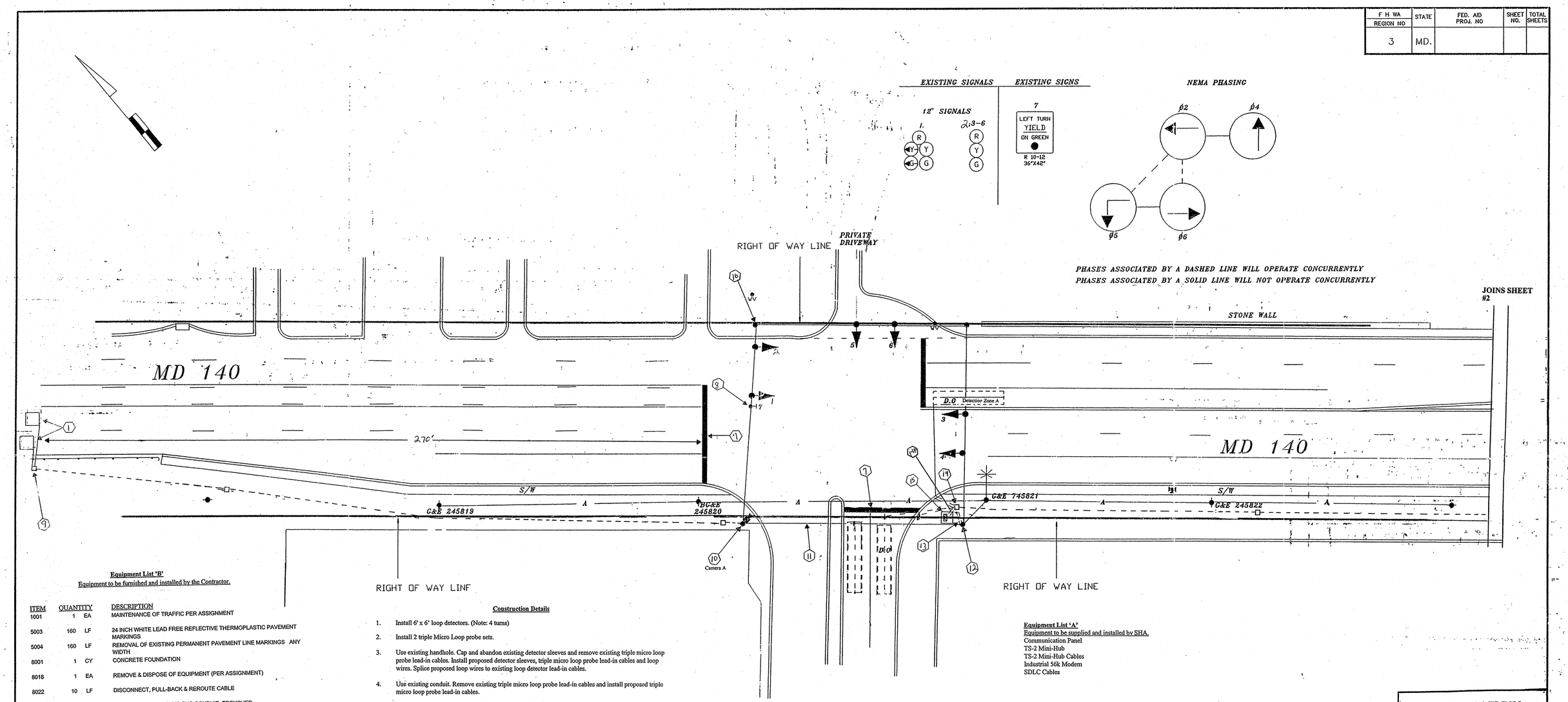
F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.			



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

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	160	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	160	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8001	1	CY	CONCRETE FOUNDATION
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8022	10	LF	DISCONNECT, PULL-BACK & REROUTE CABLE
8035	10	LF	3 IN. SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8040	60	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8043	2	EA	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
8050	1	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8062	665	LF	LOOP WIRE ENCASED IN FLEXABLE TUBING (NO.14 AWG)
8063	310	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8067	110	LF	STEEL SPAN WIRE - 1/4 INCH DIAMETER

Construction Details

1. Install 6' x 6' loop detectors. (Note: 4 turns)
2. Install 2 triple Micro Loop probe sets.
3. Use existing handhole. Cap and abandon existing detector sleeves and remove existing triple micro loop probe lead-in cables. Install proposed detector sleeves, triple micro loop probe lead-in cables and loop wires. Splice proposed loop wires to existing loop detector lead-in cables.
4. Use existing conduit. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
5. Use existing handhole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
6. Use existing controller cabinet. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables. TOD personnel will re-tune amplifiers after completion of proposed detector work.
7. Remove stop line and re-install according to SHA Standards.
8. Remove and dispose of existing R10-12 signs.
9. Use existing handhole. Cap and abandon existing detector sleeves. Install proposed detector sleeves and loop wires. Splice proposed loop wires to existing loop detector lead-in cables.
10. Use existing strain pole. Install proposed video detection camera and video detection lead-in cable.
11. Use existing span wire. Install proposed video detection lead-in cable.
12. Use existing strain pole. Install proposed video detection lead-in cable.
13. Use existing conduit. Install proposed video detection lead-in cable.
14. Use existing handhole. Cap and abandon detector sleeve and remove existing loop detector lead-in cable. Install proposed video detection lead-in cable.

14a. Use existing conduit. Remove existing loop detector lead-in cable for phase 5 and install proposed video detection lead-in cable.

15. Use existing controller cabinet. Remove existing loop detector lead-in cable for phase 5. Install proposed video detection cable. TOD personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed detection work.
16. Install bottom span across MD 140 and tether existing signals.
17. Relocate existing pedestrian signal. Install new concrete foundation and conduit. Pull back and re-route existing signal wires. The exact location of the pedestrian signal is to be determined by a representative of TCDIS at stake-out.

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 'C'
Removed and Salvaged Items
NONE

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
▭	LOOP DETECTOR(6X30)	▭
□	LOOP DETECTOR(6X6)	□
═══	CONDUIT	———
MLP	MICRO LOOP PROBE SET	MLP
◄	ZOOM LENS IMAGE SENSOR	◄

UTILITY LEGEND

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

REVISIONS	APPROVALS
C Installation of video detection OT 2007 04/2007 TIMSH I-989	ORIGINAL
B REDRAWN 10/91 REPLACE SIDE ROAD LOOP DETECTORS	CHIEF, SIGNAL DESIGN SECTION
A 5/30/81 ASBUILT	ON
JWG	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DIVISION
	FILE
	DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic
TRAFFIC ENGINEERING DIVISION SIGNAL # 03C14004.79

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DES. BY: *WES GUCKERT*
CHK. BY: *D ZAFIRIS*

MD 140 AND ST. THOMAS SHOPPING MALL

COUNTY: *BALTIMORE*

DATE: *3/18/79* F.A.P. NO.
SCALE: *1' = 20'* S.H.A. NO. *BW 481-501-412*

TS/STD. NO. *TS-1666 C*

SHEET NO. *1* OF *2*