F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.		2	5

Equipment List 'A'

Equipment to be supplied and installed By the SHA

- Easylock Connector
- Terra Interface Panel
- Terra Access Point
- Tip to Tap I/F Cable-BIU
- Tip to Tap I/F Cable-Hardwire
- Terra Field Ethernet Adapter

Equipment List 'B'

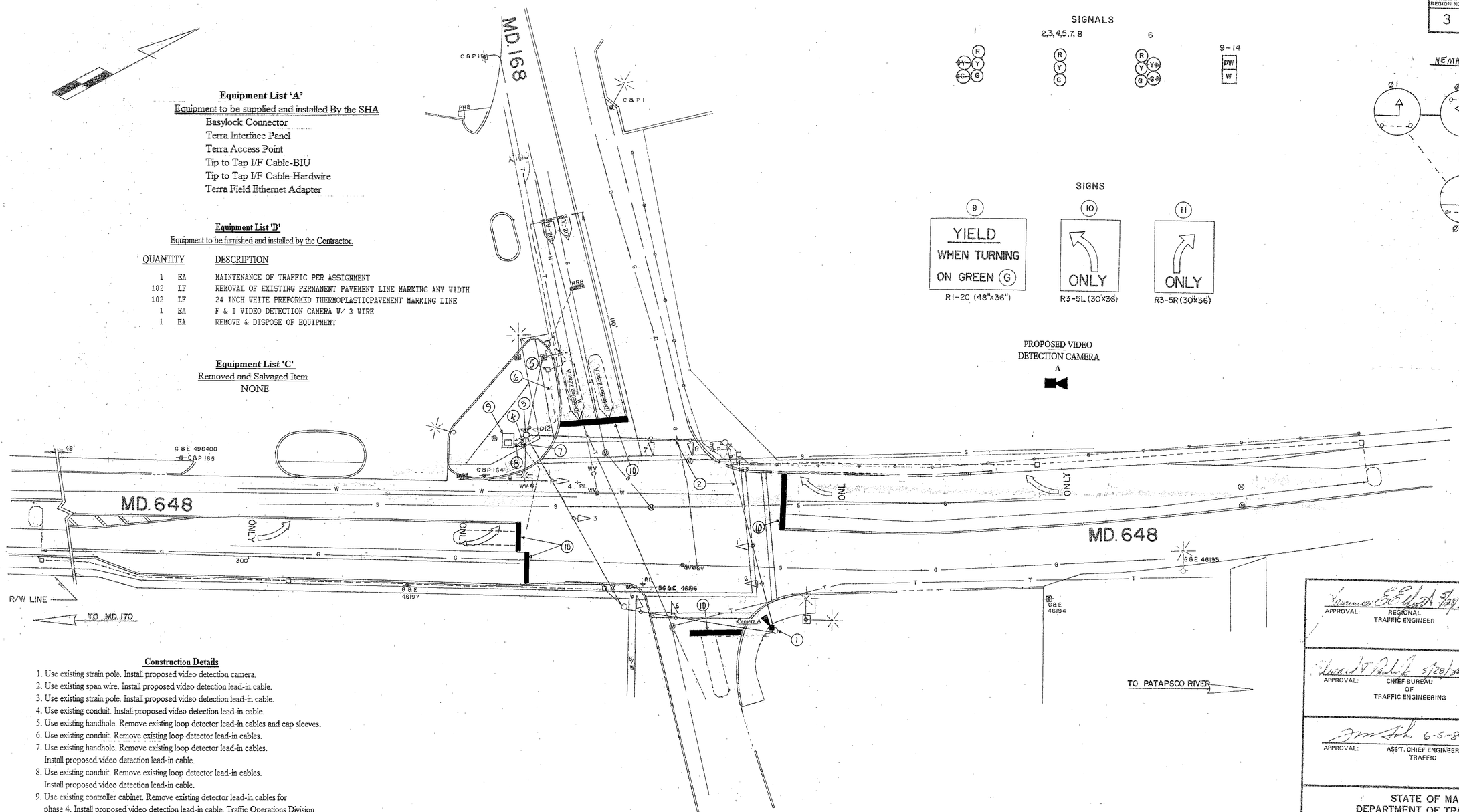
Equipment to be furnished and installed by the Contractor.

QUANTITY		DESCRIPTION
1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
102	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKING ANY WIDTH
102	LF	24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINE
1	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
1	EA	REMOVE & DISPOSE OF EQUIPMENT

Equipment List 'C'

Removed and Salvaged Item

NONE



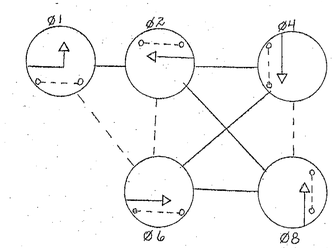
SIGNALS

SIGNS

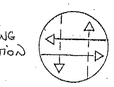
PROPOSED VIDEO DETECTION CAMERA

A

NEMA PHASING



FLASHING OPERATION



Construction Details

1. Use existing strain pole. Install proposed video detection camera.
2. Use existing span wire. Install proposed video detection lead-in cable.
3. Use existing strain pole. Install proposed video detection lead-in cable.
4. Use existing conduit. Install proposed video detection lead-in cable.
5. Use existing handhole. Remove existing loop detector lead-in cables and cap sleeves.
6. Use existing conduit. Remove existing loop detector lead-in cables.
7. Use existing handhole. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
8. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
9. Use existing controller cabinet. Remove existing detector lead-in cables for phase 4. Install proposed video detection lead-in cable. Traffic Operations Division personnel will install and program video interface equipment upon completion of proposed work.
10. Remove existing stop line and replace stop line in accordance with SHA Standards

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
▭	LOOP DETECTOR(6X30)	▭
□	LOOP DETECTOR(6X6)	□
———	CONDUIT	———
■■■	MICRO LOOP PROBE SET	■■■

LEGEND OF UNDERGROUND UTILITIES

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

APPROVAL: REGIONAL TRAFFIC ENGINEER — 5/28/80

APPROVAL: CHIEF-BUREAU OF TRAFFIC ENGINEERING — 5/20/80

APPROVAL: ASS'T. CHIEF ENGINEER-TRAFFIC — 6-5-80

REVISIONS

E 03/2011 Install Video Detection OT 2070 TIMS: K-841

D REPLACE FAILED LOOP DETECTION 2/99 SHA No.: 23854T25026 SHA No.: AW702A51

C REPLACE FAILED LOOP DETECTORS 4/94 SHA No.: AW-677-5070085 FAP No.: NA-CMG-STPG.(004)(9)

B 8-20-81 RELOC. STRAIN POLE AND HANDBOX IN NORTHEAST QUADRANT DUE TO UTILITY CONFLICT.

A 7-23-81 RELOC. SIGNAL EQUIP. AND REVISE PROG.GEO. DUE TO EASEMENTS

REVISIONS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

TRAFFIC DIVISION — BUREAU OF TRAFFIC ENGINEERING

MD. RTE. 648 & MD. RTE. 168

SCALE 1"=20' DATE MARCH 19, 1980 CONTRACT NO. AA-276-501-585

DRAWN BY: R.A.P. E.J.S. COUNTY: ANNE ARUNDEL

DESIGNED BY: J.D.S. SIGNAL NO.:

KIDDE CONSULTANTS, INC.

CHECKED BY: D.G.M. 4/30/80

DRAWING NO. TS-1529