

Construction Details

- Use existing strain pole. Remove existing triple micro loop probe lead-in cables for phase 2 and install proposed video detection camera, triple micro loop probe lead-in cables and video detection lead-in cable.
- Use existing conduit. Remove existing triple micro loop probe lead-in cables for phase 2 and install proposed triple micro loop probe lead-in cables and video detection lead-in cable.
- Use existing handhole. Remove existing phase 2 triple micro loop probe lead-in cables and phase 3 presence loop detection lead-in cable. Install proposed triple micro loop probe lead-in cables and video detection lead-in cable.
- Install proposed triple micro loop probe sets.
- Install handhole, 1" galvanized liquid tight flexible non-metallic conduit (detector sleeve) and triple micro loop probe lead-in cables.
- Install 3" schedule 80 polyvinyl chloride electrical conduit. (bored/pushed) Install proposed triple micro loop probe lead-in cables.
- Use existing handhole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
- Use existing conduit. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
- Use existing strain pole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
- Use existing span wire. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
- Use existing handhole. Cap and abandon existing detector sleeve for presence detector. Pull back loop detector lead-in cable to cabinet and discard.
- Use existing controller cabinet. Remove existing loop detector lead-in cable for phase 3 presence detector and triple micro loop probe lead-in cables for phase 2. Install proposed video detection lead-in cable and triple micro loop probe lead-in cables. Install 2" schedule 80 polyvinyl chloride bend into cabinet base to accommodate phone drop. TOD personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed work.
- Remove stop line and re-install in accordance to SHA Standards.

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY	EA	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5004	240	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5005	240	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8013	1	EA	CONDUIT BEND IN EXISTING BASE
8014	1	EA	CONTROL CABLE 100 FT., VIDEO DETECTION CAMERA TO CONTROLLER
8020	1	EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8034	165	LF	3 IN. SCHEDULE 80 RIGID PVC CONDUIT-BORED
8041	10	LF	1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8047	2	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8050	1	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8053	1	EA	VIDEO DETECTION CAMERA
8070	40	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

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'

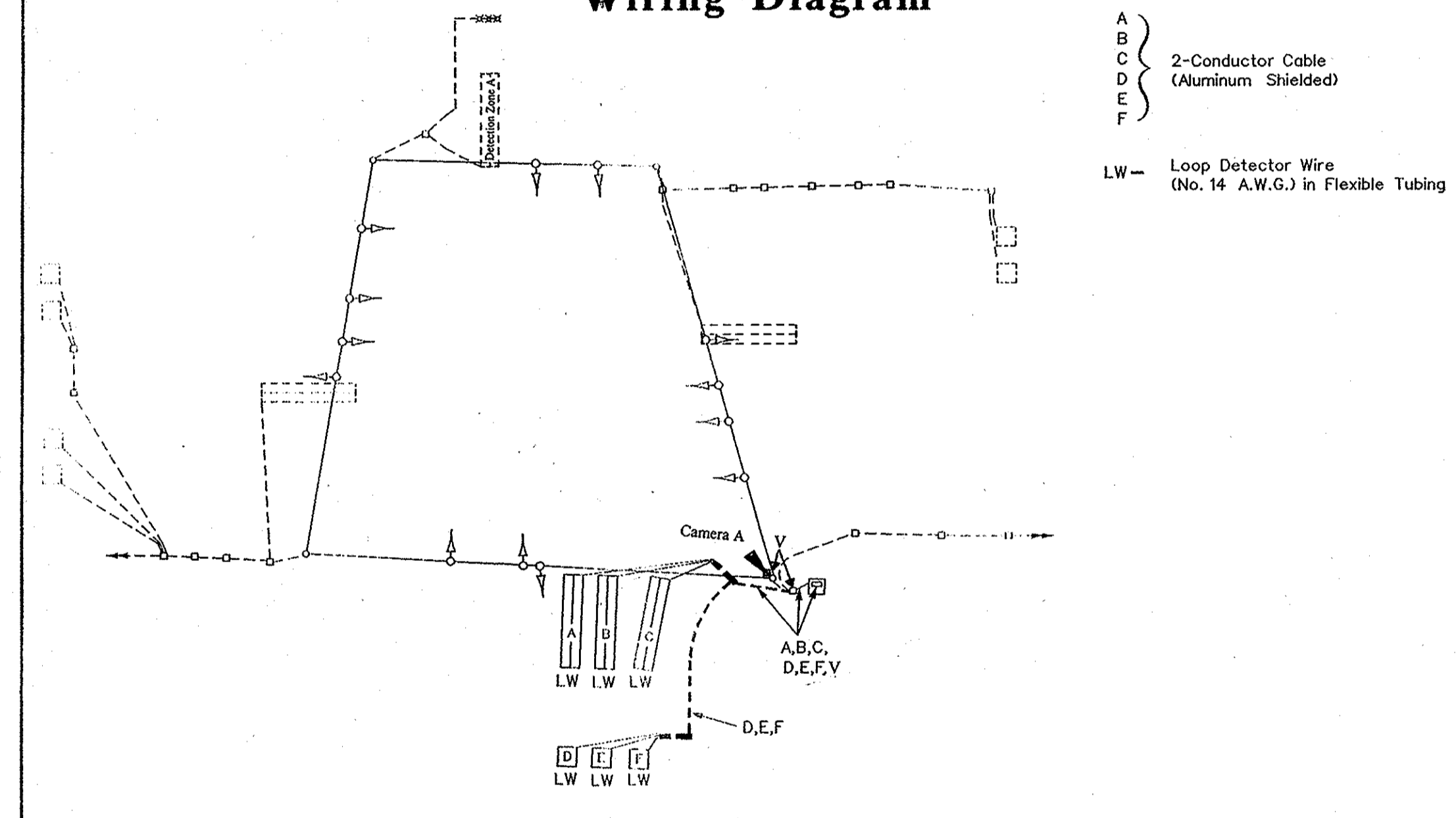
Removed and Salvaged Items

NONE

Phase Chart

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Phase 1 & 5	G	G	R	R	G	G	R	R	R	R	R	R	R	R
1 & 5 Change to Phase 1 & 6 or Phase 2 & 5 or Phase 2 & 6														
Phase 1 & 6	G	G	G	G	R	R	R	R	R	R	R	R	R	R
1 Change	Y	Y	G	G	R	R	R	R	R	R	R	R	R	R
Phase 2 & 5	R	R	R	R	G	G	R	R	R	R	R	R	R	R
5 Change	R	R	R	R	Y	Y	G	G	R	R	R	R	R	R
Phase 2 & 6	R	R	G	G	R	R	R	R	R	R	R	R	R	R
2 & 6 Change	R	R	Y	Y	R	R	Y	Y	R	R	R	R	R	R
Phase 3	R	R	R	R	R	R	R	G	G	G	R	R	R	R
3 Change	R	R	R	R	R	R	R	Y	Y	Y	R	R	R	R
Phase 4	R	R	R	R	R	R	R	R	R	R	G	G	G	G
4 Change	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y
Flashing Operation	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

Wiring Diagram



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Job No. 980282
SIGPLAN.DGN

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(General Information)
US 40 (Pulaski Hwy.) at MD 755
(Edgewood Rd.)

DATE: November 25, 1998 LOG MILE: 1200400.12

DRAWN BY: J.E.S.	F.A.P. NO. N/A	PLAN SHEET NO. 3252B-GI	SHEET NO. 2 of 2
CHK. BY: J.J.D.	S.H.A. NO. BW996M82		
SCALE: N/A	COUNTY: HARMFORD		

REVISIONS
Install Video Detection 0106 H-473 012005 March 21, 2000

1:5808282/444-1/10/98 25 NOV 98