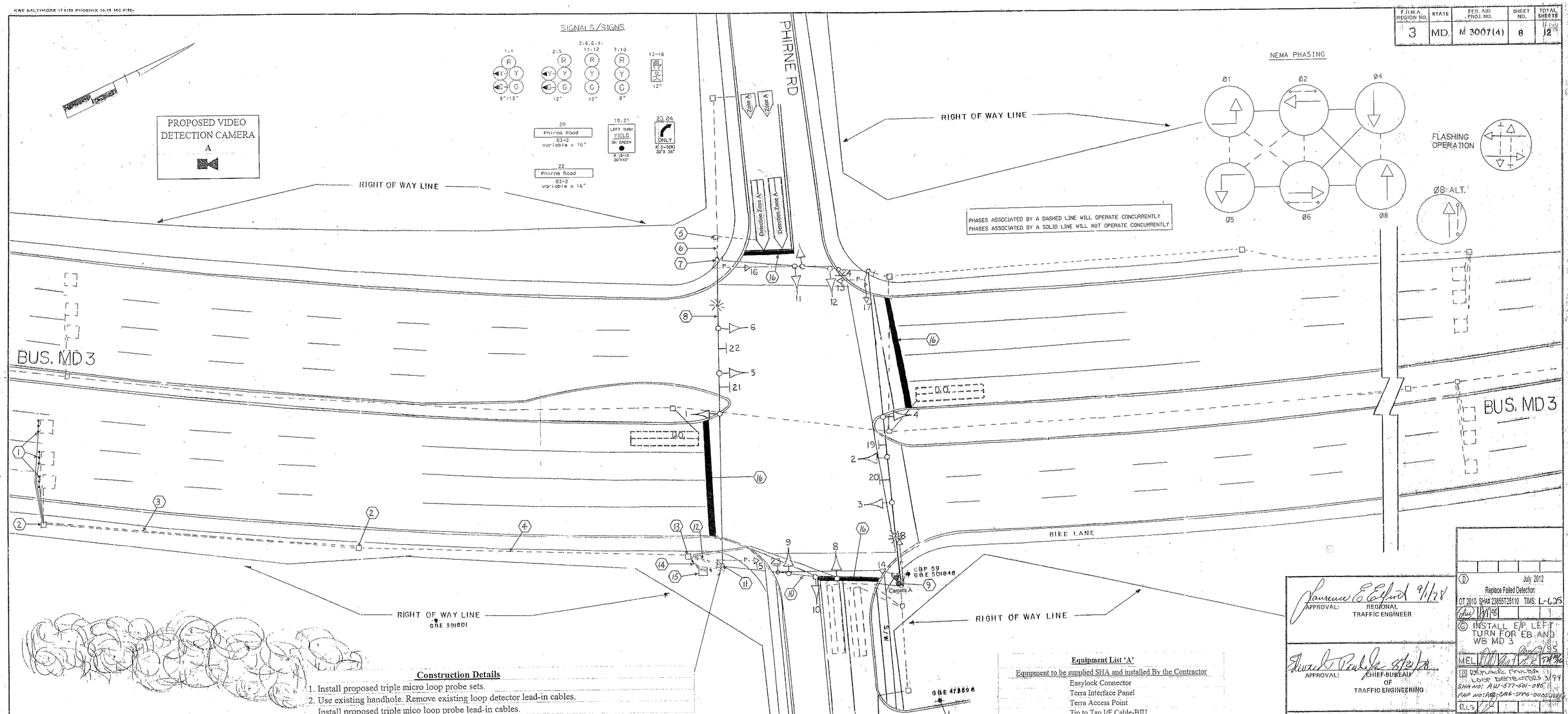
K&E BALTIMORE 17 0153 PHOENIX 10-75 MC 4150

F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M 3007(4)	8	12



Construction Details

1. Install proposed triple micro loop probe sets.
2. Use existing handhole. Remove existing loop detector lead-in cables. Install proposed triple mico loop probe lead-in cables.
3. Install 2 inch pvc conduit (trenched) and triple micro loop probe lead-in cables.
4. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed triple mico loop probe lead-in cables.
5. Use existing handhole. Remove existing loop detector lead-in cables.
6. Use existing conduit. Remove existing loop detector lead-in cables.
7. Use existing strain pole. Remove existing loop detector lead-in cables.
8. Use existing span wire. Remove existing loop detector lead-in cables.
9. Use existing strain pole. Install proposed video detection camera.
10. Use existing span wire. Install proposed video detection lead-in cable
11. Use existing strain pole. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
12. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
13. Use existing handhole. Remove existing loop detector lead-in cables. Install proposed video detection and triple micro loop probe lead-in cables.
14. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed video detection and triple micro loop probe lead-in cables.
15. Use existing controller cabinet. Remove existing loop detector lead-in cables for phases 4, and 6. Install proposed video detection and triple micro loop probe lead-in cables. Traffic Operations Division personnel will install and program video interface equipment and re-tune amplifiers upon completion of proposed work.
16. Remove existing stop lines and replace to SHA standards.

UTILITY LEGEND

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

Equipment List 'A'

Equipment to be supplied SHA and installed By the Contractor

- 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.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	150	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS
5004	150	LF	24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING
8019	1	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
8021	1	EA	REMOVE & DISPOSE OF EQUIPMENT
8033	140	LF	UP TO 4 IN. SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8041	12	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR
8045	3	EA	MICROLOOP PROBE. 1000 FOOT LEAD IN CABLE
8059	70	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'

Removed and Salvaged Items

NONE

APPROVAL: REGIONAL TRAFFIC ENGINEER — 9/1/98

APPROVAL: CHIEF-BUREAU OF TRAFFIC ENGINEERING — 8/21/98

APPROVAL: ASS'T. CHIEF ENGINEER TRAFFIC — 9-5-98

D	July 2012 Replace Failed Detection
OT 2010 SHA# 23655T25110 TIMS: L-635	
C	INSTALL E/P LEFT TURN FOR EB AND WB MD 3
MEL	12-2-94
B	DETERMINE PHASES LOOP DETECTORS 3/94 SHA ACT AW-577-501-086 FAP NO: AQ-0116-577-0005(008)
DCS	7/2
A	REDRAWN TO UPDATE GEOMETRICS DUE TO NEW ROAD CONSTRUCTION 6-22-77
BRK	

REVISIONS

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

TRAFFIC DIVISION — BUREAU OF TRAFFIC ENGINEERING

BUSINESS MD 3 & PHIRNE RD

SCALE 1" = 20' DATE 8-27-77 CONTRACT NO.

DRAWN BY: BARRY KING COUNTY: ANNE ARUNDEL
REDRAWN BY GLYNIS HARRIS 6-22-78

DESIGNED BY: SIGNAL NO. Remk 02B003 01.21

CHECKED BY: 9/1/98

DRAWING NO. TS-1395D