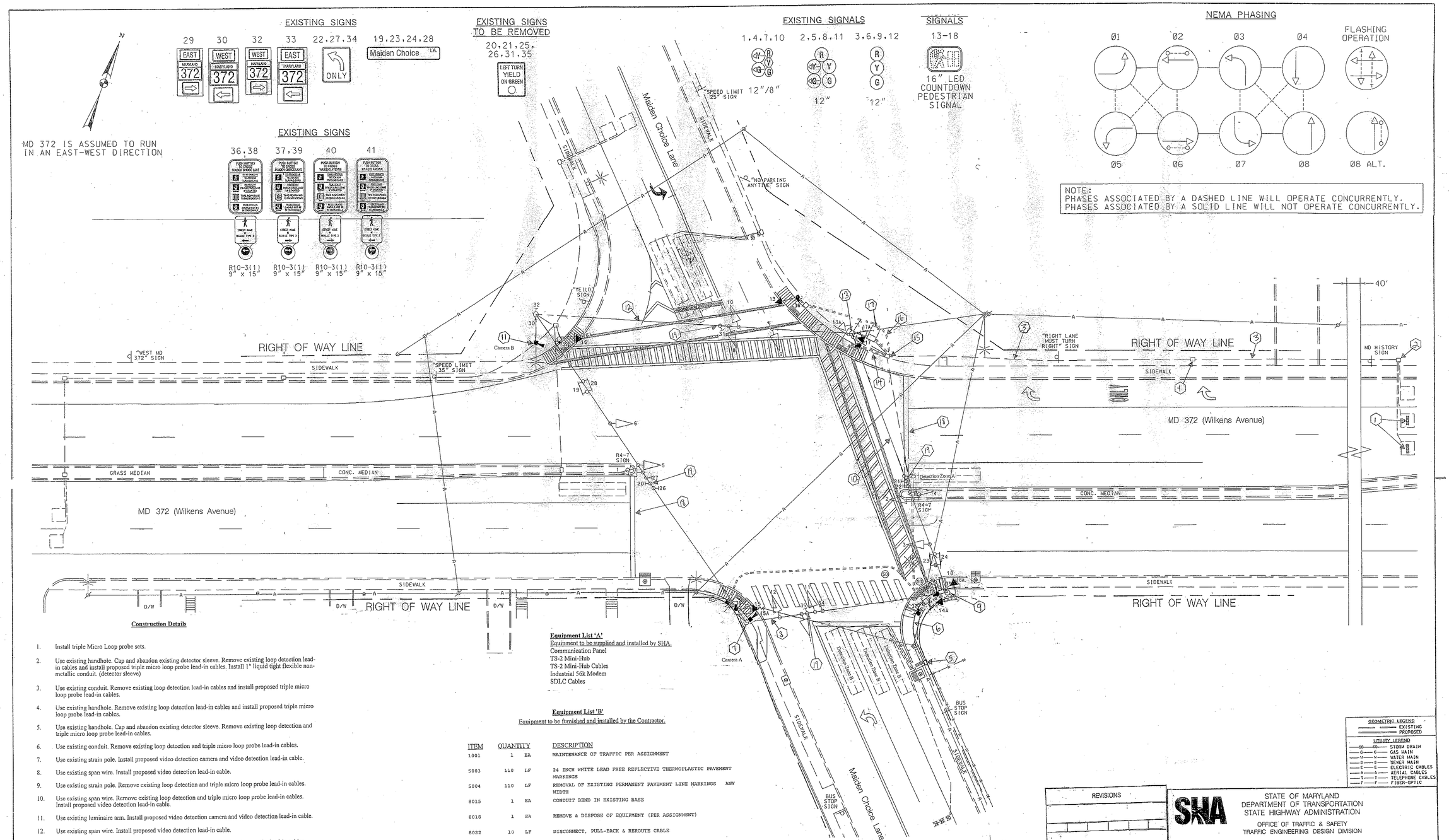

Construction Details

1. Install triple Micro Loop probe sets.
2. Use existing handhole. Cap and abandon existing detector sleeve. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cables. Install 1" liquid tight flexible non-metallic conduit. (detector sleeve)
3. Use existing conduit. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cables.
4. Use existing handhole. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cables.
5. Use existing handhole. Cap and abandon existing detector sleeve. Remove existing loop detection and triple micro loop probe lead-in cables.
6. Use existing conduit. Remove existing loop detection and triple micro loop probe lead-in cables.
7. Use existing strain pole. Install proposed video detection camera and video detection lead-in cable.
8. Use existing span wire. Install proposed video detection lead-in cable.
9. Use existing strain pole. Remove existing loop detection and triple micro loop probe lead-in cables.
10. Use existing span wire. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed video detection lead-in cable.
11. Use existing luminaire arm. Install proposed video detection camera and video detection lead-in cable.
12. Use existing span wire. Install proposed video detection lead-in cable.
13. Use existing strain pole. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed video detection lead-in cables.
14. Use existing conduit. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed video detection lead-in cables.
15. Use existing handhole. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed video and triple micro loop probe lead-in cables.
16. Use existing conduit. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed video detection and triple micro loop probe lead-in cables.
17. Use existing controller cabinet. Remove existing loop detection and triple micro loop probe lead-in cables for phases 2, 3, 5 & 8. Install proposed video detection and triple micro loop probe lead-in cables. Install 4 inch pvc bend into cabinet base. Pull back and re-route all detection cables into proposed bend.
18. Remove existing stopline and re-install in accordance to SHA Standards.
19. Remove and dispose of existing R10-12 signs.

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
5003	110	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	110	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8015	1	EA	CONDUIT BEND IN EXISTING BASE
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8022	10	LF	DISCONNECT, PULL-BACK & REROUTE CABLE
8040	5	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8043	2	EA	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
8050	2	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8063	35	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'
Removed and Salvaged Items
NONE

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
	HANDHOLE	
	LOOP DETECTOR(6X20)	
	LOOP DETECTOR(6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
E Installation of Video Detection
OT 2007 – 06/09
D INSTALL AUDIBLE PEDESTRIAN SIGNALS SHA NO. AX1795133 20/12/2007
SRB NML
C INSTALL PEDESTRIAN SIGNALS FOR NORTH LEG OF MAIDEN CHOICE LANE SHA NO. XX1065385 1/2003
COD
B REDLINE REVISION TO REMOVE MEDIAN N/B MAIDEN CHOICE LANE SHA NO. AW-104-501-585 3/1997

GEOMETRIC LEGEND
EXISTING
PROPOSED
UTILITY LEGEND
SD — STORM DRAIN
G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
A — AERIAL CABLES
T — TELEPHONE CABLES
F — FIBER-OPTIC

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 372 (Wilkens Avenue) and
Maiden Choice Lane

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 6/24/1993 CONTRACT NO. BA768A51
DESIGNED BY G.F.H. COUNTY Baltimore
DRAWN BY G.F.H. LOGMILE 03037201.81
CHECKED BY Dennis Doda, Jr. TIMS NO.
FAP NO. TOD NO.
TS NO. 1726 E DRAWING – OF SHEET NO. 1 OF 1