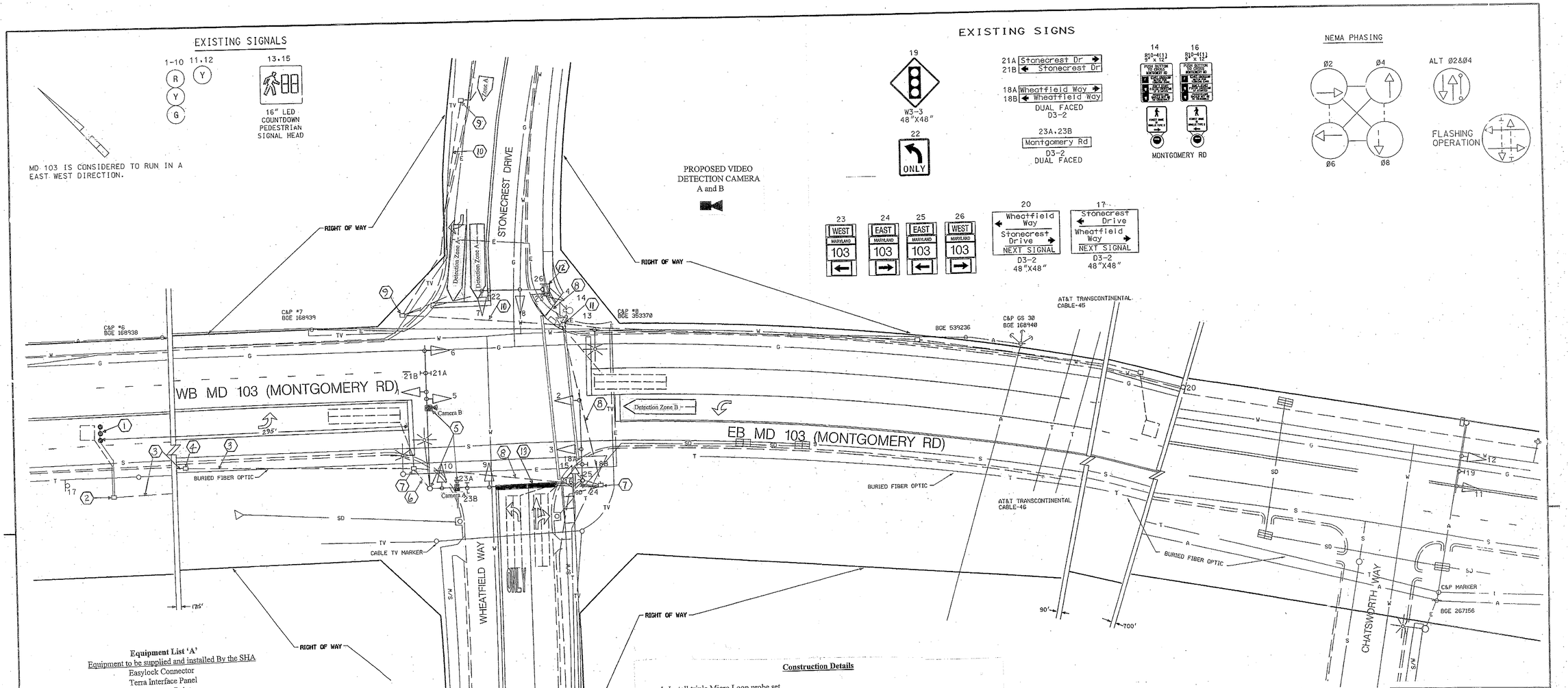

Equipment List 'A'

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.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	26	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	26	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8030	16	LF	1 IN. ELECTRICAL CONDUIT- GALVANIZED SLEEVE
8044	1	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8063	22	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8078-A	2	EA	F & I TERRA VIDEO DETECTION CAMERA W/ 3 WIRE CABLE

Equipment List 'C'

Removed and Salvaged Items

NONE

Construction Details

1. Install triple Micro Loop probe set.
2. Use existing handhole. Disconnect and remove loop detector lead-in cable and cap sleeve. Install proposed detector sleeve and triple micro loop probe lead-in cable.
3. Use existing conduit. Remove loop detector lead-in cable. Install proposed triple micro loop probe lead-in cable.
4. Use existing handhole. Remove loop detector lead-in cable. Install proposed triple micro loop probe lead-in cable.
5. Use existing mast arm and upright. Install proposed video detection camera and lead-in cable.
6. Use existing conduit. Install proposed video detection lead-in cable.
7. Use existing handhole. Remove existing loop detector lead-in cable. Install proposed triple micro loop probe and video detection lead-in cables.
8. Use existing conduit. Remove existing loop detector lead-in cable. Install proposed triple micro loop probe and video detection lead-in cables.
9. Use existing handhole. Disconnect and remove loop detector lead-in cable and cap sleeve.
10. Use existing conduit. Remove existing loop detector lead-in cables.
11. Use existing handhole. Remove existing and loop detector lead-in cables. Cap detector sleeve. Install proposed triple micro loop probe and video detection lead-in cables.
12. Use existing upright and controller cabinet. Remove existing loop detector lead-in cables for phase 2 back loop, phase 6 front loop and phase 8. Install proposed triple micro loop probe and video detection lead-in cables. Traffic Operations Division personnel will install and program video interface equipment and re-tune amplifiers upon completion of proposed work.
13. 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	

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

APPROVALS

YEAR LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

REVISIONS

E July 2009 Install Video Detection OT 2007

D INSTALL APS ACROSS EAST LEG OF INTERSECTION H468 AT7835185 9/08

C 694 REBUILD LOOP DETECTORS TO STONECREST DR SHA #BW700-809-712

WM	DJD	DAZ	AVI ETP	TH
B	AS BUILT	0694		
WM				

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 103 (MONTGOMERY RD) @ WHEATFIELD WAY/STONECREST DR

TRAFFIC SIGNAL PLAN

SCALE 1:20 DATE 10-29-91 CONTRACT NO. H0-737-459-785

DESIGNED BY DB DOBRY (EAI) COUNTY HOWARD

DRAWN BY SK SHOUL (EAI) LOGMILE 13010306.24

CHECKED BY DJ DODA TIMS NO. K-073

F.P NO. TOD NO.

TS NO: 318-E DRAWING - OF SHEET NO. 1 OF 1

3187

BY: cstrain