F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
3	MD		

NOTE: MD 6 IS ASSUMED TO RUN IN AN EAST–WEST DIRECTION.

Construction Details

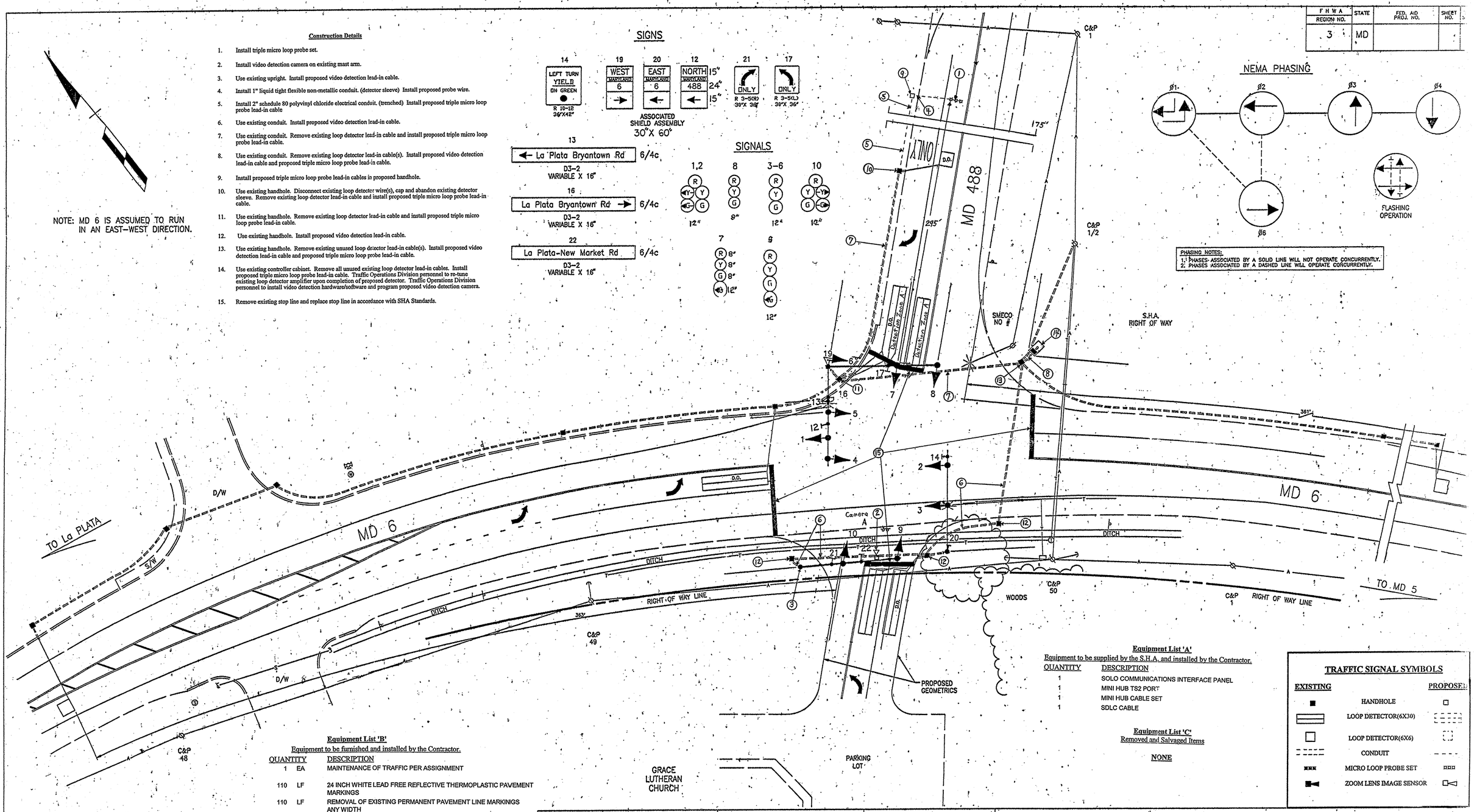
1. Install triple micro loop probe set.
2. Install video detection camera on existing mast arm.
3. Use existing upright. Install proposed video detection lead-in cable.
4. Install 1" liquid tight flexible non-metallic conduit. (detector sleeve) Install proposed probe wire.
5. Install 2" schedule 80 polyvinyl chloride electrical conduit. (trenched) Install proposed triple micro loop probe lead-in cable
6. Use existing conduit. Install proposed video detection lead-in cable.
7. Use existing conduit. Remove existing loop detector lead-in cable and install proposed triple micro loop probe lead-in cable.
8. Use existing conduit. Remove existing loop detector lead-in cable(s). Install proposed video detection lead-in cable and proposed triple micro loop probe lead-in cable.
9. Install proposed triple micro loop probe lead-in cables in proposed handhole.
10. Use existing handhole. Disconnect existing loop detector wire(s), cap and abandon existing detector sleeve. Remove existing loop detector lead-in cable and install proposed triple micro loop probe lead-in cable.
11. Use existing handhole. Remove existing loop detector lead-in cable and install proposed triple micro loop probe lead-in cable.
12. Use existing handhole. Install proposed video detection lead-in cable.
13. Use existing handhole. Remove existing unused loop detector lead-in cable(s). Install proposed video detection lead-in cable and proposed triple micro loop probe lead-in cable.
14. Use existing controller cabinet. Remove all unused existing loop detector lead-in cables. Install proposed triple micro loop probe lead-in cable. Traffic Operations Division personnel to re-tune existing loop detector amplifier upon completion of proposed detector. Traffic Operations Division personnel to install video detection hardware/software and program proposed video detection camera.
15. Remove existing stop line and replace stop line in accordance with SHA Standards.

SIGNS

SIGNALS

NEMA PHASING

PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



Equipment List 'A'

Equipment to be supplied by the S.H.A. and installed by the Contractor.

QUANTITY	DESCRIPTION
1	SOLO COMMUNICATIONS INTERFACE PANEL
1	MINI HUB TS2 PORT
1	MINI HUB CABLE SET
1	SDLC CABLE

Equipment List 'C'

Removed and Salvaged Items

NONE

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

QUANTITY		DESCRIPTION
1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
110	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
110	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
200	LF	2 INCH SCHEDULE 80 RIDGID PVC CONDUIT - TRENCHED
6	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
1	EA	MICROLOOP PROBE 1000 FOOT LEAD IN CABLE
1	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
30	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
1	EA	F & I AUTOSCOPE SOLO PRO CAMERA
1	EA	F & I 500' SOLO PRO CAMERA CABLE

TRAFFIC SIGNAL SYMBOLS

EXISTING		PROPOSED
■	HANDHOLE	□
▭	LOOP DETECTOR(6X30)	⬚
□	LOOP DETECTOR(6X6)	⬚
- - - -	CONDUIT	- - - -
■■■	MICRO LOOP PROBE SET	□□□
■◄	ZOOM LENS IMAGE SENSOR	□◄

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

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2501

REVISIONS

Replace failed detection with Video Detection. Phase 2 Bid

APPROVALS

CHIEF, SIGNAL DESIGN SECTION 4/27/94

ASST. DISTRICT ENGINEER, TRAFFIC 5/10/94

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC AND SAFETY 5/5/94

MDOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic and Safety

TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: W J NIES (FOR STS)
DES. BY: R R ZACHERL (FOR STS)
CHK. BY:

MD 6 AND MD 488
LOG MILE – 08000626.71
COUNTY CHARLES

DATE: 4-25-94
SCALE: 1" = 20'

F.A.P. NO. CM6-STP6-0005(185)
S.H.A. NO. AW 455-455-585

TS/STD. NO. TS 3432

SHEET NO. 1 OF 1