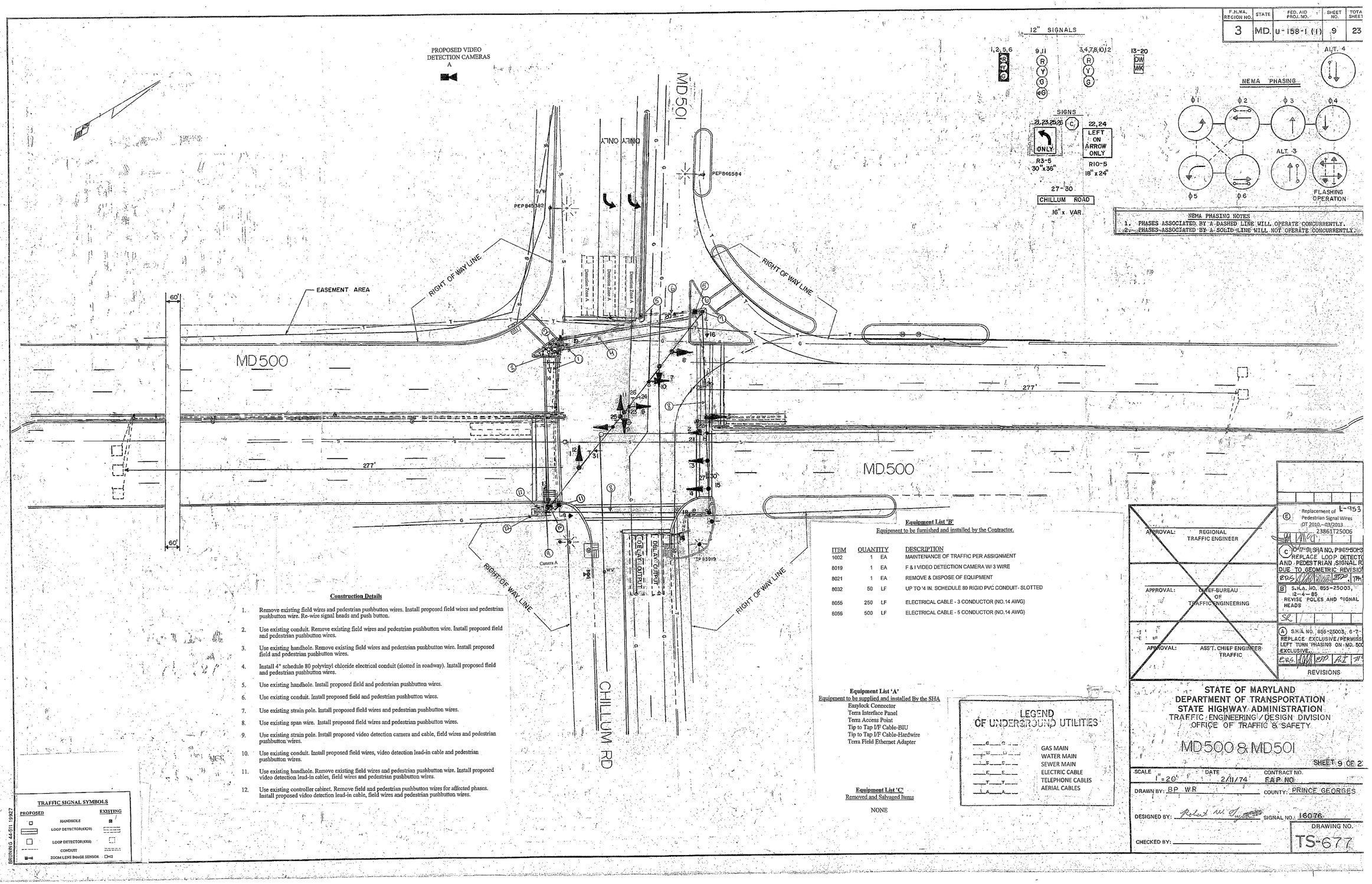
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	U-158-1(1)	9	23



Construction Details

1. Remove existing field wires and pedestrian pushbutton wires. Install proposed field wires and pedestrian pushbutton wire. Re-wire signal heads and push button.
2. Use existing conduit. Remove existing field wires and pedestrian pushbutton wire. Install proposed field and pedestrian pushbutton wires.
3. Use existing handhole. Remove existing field wires and pedestrian pushbutton wire. Install proposed field and pedestrian pushbutton wires.
4. Install 4" schedule 80 polyvinyl chloride electrical conduit (slotted in roadway). Install proposed field and pedestrian pushbutton wires.
5. Use existing handhole. Install proposed field and pedestrian pushbutton wires.
6. Use existing conduit. Install proposed field and pedestrian pushbutton wires.
7. Use existing strain pole. Install proposed field wires and pedestrian pushbutton wires.
8. Use existing span wire. Install proposed field wires and pedestrian pushbutton wires.
9. Use existing strain pole. Install proposed video detection camera and cable, field wires and pedestrian pushbutton wires.
10. Use existing conduit. Install proposed field wires, video detection lead-in cable and pedestrian pushbutton wires.
11. Use existing handhole. Remove existing field wires and pedestrian pushbutton wire. Install proposed video detection lead-in cables, field wires and pedestrian pushbutton wires.
12. Use existing controller cabinet. Remove field and pedestrian pushbutton wires for affected phases. Install proposed video detection lead-in cable, field wires and pedestrian pushbutton wires.

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8019	1	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
8021	1	EA	REMOVE & DISPOSE OF EQUIPMENT
8032	50	LF	UP TO 4 IN. SCHEDULE 80 RIGID PVC CONDUIT- SLOTTED
8055	250	LF	ELECTRICAL CABLE - 3 CONDUCTOR (NO.14 AWG)
8056	500	LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO.14 AWG)

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 'C'

Removed and Salvaged Items

NONE

LEGEND OF UNDERGROUND UTILITIES

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

TRAFFIC SIGNAL SYMBOLS

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

BRUNING 44-511 19827

APPROVAL: REGIONAL TRAFFIC ENGINEER

APPROVAL: CHIEF-BUREAU OF TRAFFIC ENGINEERING

APPROVAL: ASS'T. CHIEF ENGINEER TRAFFIC

REVISIONS

(E) Replacement of Pedestrian Signal Wires OT 2010.-03/2013 23861T25006 L-953

(C) 07-91, S.H.A NO. P965-50H-3 REPLACE LOOP DETECTO AND PEDESTRIAN SIGNAL R DUE TO GEOMETRIC REVISIO

(B) S.H.A. NO. 855-25003, 12-4-85 REVISE POLES AND SIGNAL HEADS

(A) S.H.A NO. 855-25003, 6-7- REPLACE EXCLUSIVE/PERMISS LEFT TURN PHASING ON MD. 500 EXCLUSIVE

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

MD 500 & MD 501

SHEET 9 OF 2

SCALE 1" = 20'	DATE 2/11/74	CONTRACT NO. F.A.P. NO.
DRAWN BY: BP WR		COUNTY: PRINCE GEORGES
DESIGNED BY: Robert W. Cyr		SIGNAL NO.: 16076
CHECKED BY:		DRAWING NO. TS-677