F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.		1	2

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

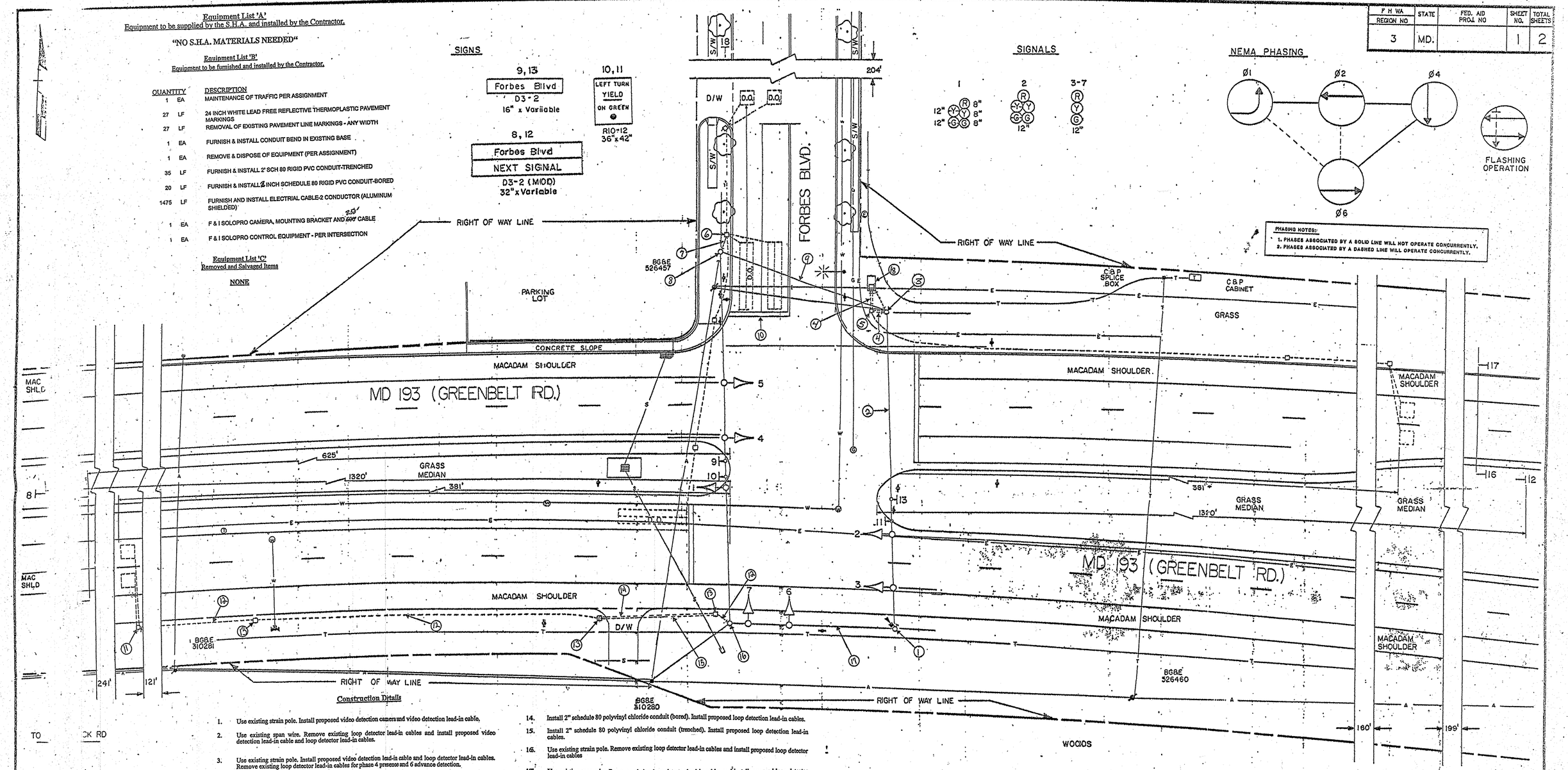
"NO S.H.A. MATERIALS NEEDED"

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

QUANTITY		DESCRIPTION
1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
27	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
27	LF	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS - ANY WIDTH
1	EA	FURNISH & INSTALL CONDUIT BEND IN EXISTING BASE
1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
35	LF	FURNISH & INSTALL 2' SCH 80 RIGID PVC CONDUIT-TRENCHED
20	LF	FURNISH & INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED
1475	LF	FURNISH AND INSTALL ELECTRIAL CABLE-2 CONDUCTOR (ALUMINUM SHIELDED)
1	EA	F & I SOLOPRO CAMERA, MOUNTING BRACKET AND 250' CABLE
1	EA	F & I SOLOPRO CONTROL EQUIPMENT - PER INTERSECTION

Equipment List 'C'
Removed and Salvaged Items

NONE



Construction Details

1. Use existing strain pole. Install proposed video detection camera and video detection lead-in cable.
2. Use existing span wire. Remove existing loop detector lead-in cables and install proposed video detection lead-in cable and loop detector lead-in cables.
3. Use existing strain pole. Install proposed video detection lead-in cable and loop detector lead-in cables. Remove existing loop detector lead-in cables for phase 4 presence and 6 advance detection.
4. Use existing conduit. Remove existing loop detection lead-in cables for phase 4 presence and phase 6 advance detection and install proposed video detection lead-in cable and loop detector lead-in cables.
5. Use existing handhole. Remove existing loop detector lead-in cables for phase 4 presence and phase 6 advance detection and install proposed video detection lead-in cable and loop detector lead-in cables.
6. Use existing handhole. Remove existing loop detector lead-in cables and cap and abandon detector sleeves.
7. Use existing conduit. Remove existing loop detector lead-in cables for phase 4 presence loops.
8. Use existing strain pole. Remove existing loop detector lead-in cables for phase 4 presence detectors.
9. Use existing span wire. Remove existing loop detector lead-in cables for phase 4 presence detection.
10. Remove existing stop line and replace in accordance with SHA Standards.
11. Use existing handhole. Remove existing loop detector cables and install proposed loop detector lead-in cables. Splice proposed loop detector lead-in cables to existing loop detector wires.
12. Use existing conduit. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables.
13. Use existing handhole. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables.
14. Install 2" schedule 80 polyvinyl chloride conduit (bored). Install proposed loop detection lead-in cables.
15. Install 2" schedule 80 polyvinyl chloride conduit (trenched). Install proposed loop detection lead-in cables.
16. Use existing strain pole. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables
17. Use existing span wire. Remove existing loop detector lead-in cables and install proposed loop detector lead-in cables.
18. Use existing controller cabinet. Remove existing loop detector lead-in cables for phase 4 presence and phase 6 advance detection and install proposed video detection lead-in cable and loop detection lead-in cables. Install communication interface panel, TS-2 Mini-Hub, Mini-Hub cables, Industrial 56k Modem and SDLC Cable. Install 2" bend into cabinet base to accommodate phone drop. Traffic Operations Division personnel to install video detection system hardware and software and retune amplifiers after completion of proposed detector work.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
	HANDHOLE	
	LOOP DETECTOR (6X30)	
	LOOP DETECTOR (6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

STREET TRAFFIC STUDIES, LTD.
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REVISIONS
A Install CCTV VIDEO DETECTION

APPROVALS
DIRECTOR, SIGNAL DESIGN SECTION
ASSIT. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DIVISION
DEPUTY CHIEF ENGINEER, TRAFFIC

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic
TRAFFIC ENGINEERING DIVISION

DRAWN BY: S.R. BARANOWSKI (FOR STS)
DES. BY: R.B. ZACHERL (FOR STS)
CHK. BY:

MD. 193 AND FORBES BLVD.
COUNTY: PRINCE GEORGES

DATE: 1-4-90
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO.
TS/STD. NO. TS-2624A
SHEET NO. 1 OF 2

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