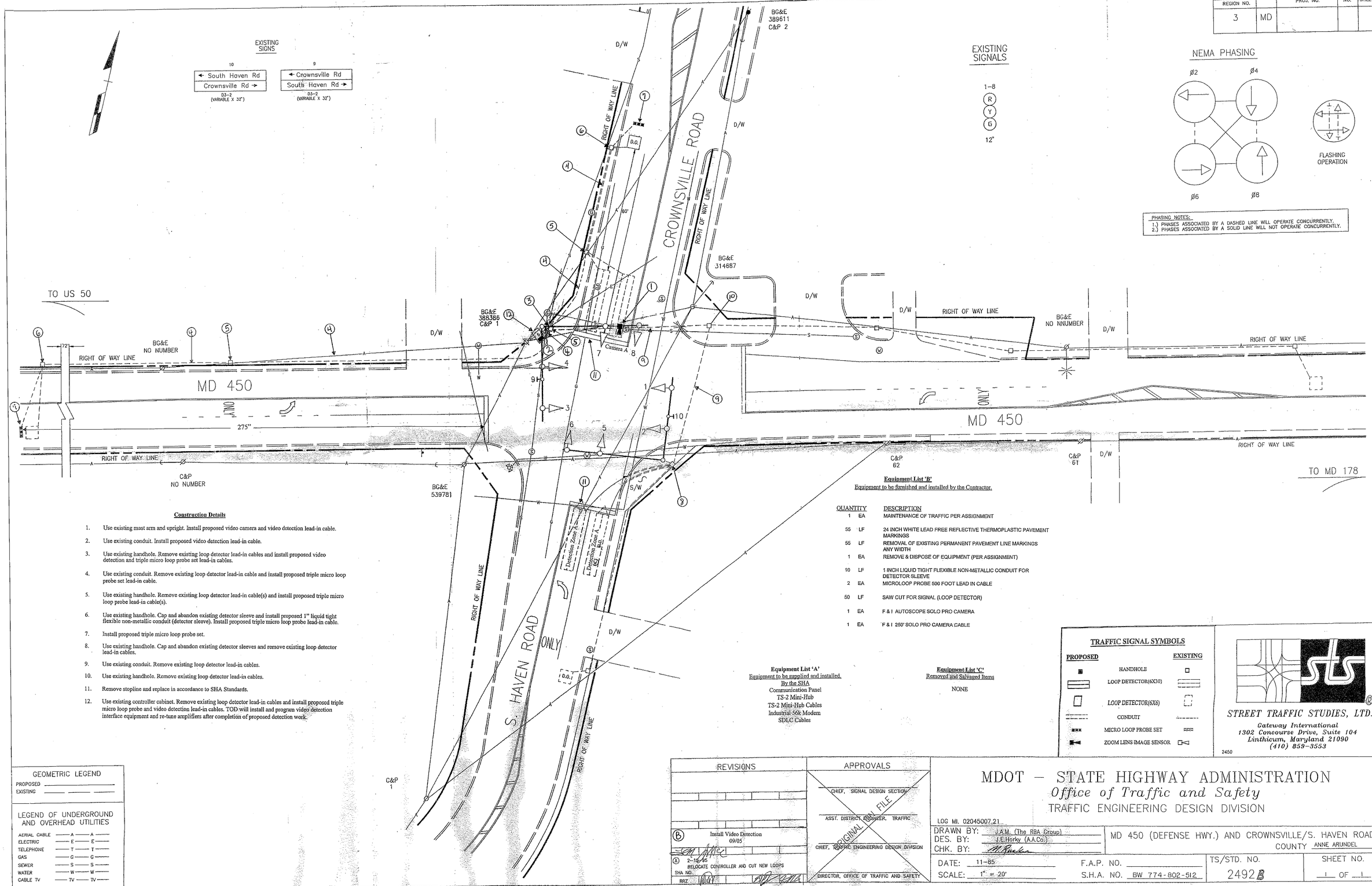
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



Construction Details

1. Use existing mast arm and upright. Install proposed video camera and video detection lead-in cable.
2. Use existing conduit. Install proposed video detection lead-in cable.
3. Use existing handhole. Remove existing loop detector lead-in cables and install proposed video detection and triple micro loop probe set lead-in cables.
4. Use existing conduit. Remove existing loop detector lead-in cable and install proposed triple micro loop probe set lead-in cable.
5. Use existing handhole. Remove existing loop detector lead-in cable(s) and install proposed triple micro loop probe lead-in cable(s).
6. Use existing handhole. Cap and abandon existing detector sleeve and install proposed 1" liquid tight flexible non-metallic conduit (detector sleeve). Install proposed triple micro loop probe lead-in cable.
7. Install proposed triple micro loop probe set.
8. Use existing handhole. Cap and abandon existing detector sleeves and remove existing loop detector lead-in cables.
9. Use existing conduit. Remove existing loop detector lead-in cables.
10. Use existing handhole. Remove existing loop detector lead-in cables.
11. Remove stopline and replace in accordance to SHA Standards.
12. Use existing controller cabinet. Remove existing loop detector lead-in cables and install proposed triple micro loop probe and video detection lead-in cables. TOD will install and program video detection interface equipment and re-tune amplifiers after completion of proposed detection work.

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

QUANTITY		DESCRIPTION
1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
55	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
55	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
10	LF	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
2	EA	MICROLOOP PROBE 500 FOOT LEAD IN CABLE
50	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
1	EA	F & I AUTOSCOPE SOLO PRO CAMERA
1	EA	F & I 250' SOLO PRO CAMERA CABLE

Equipment List 'A'

Equipment to be supplied and installed. By the SHA

Communication Panel
TS-2 Mini-Hub
TS-2 Mini-Hub Cables
Industrial 56k Modem
SDLC Cables

Equipment List 'C'

Removed and Salvaged Items

NONE

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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Linthicum, Maryland 21090
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2450

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

REVISIONS	APPROVALS
	CHIEF, SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

ORIGINAL ON FILE

(B) Install Video Detection 09/05

(A) 2-16-05 RELOCATE CONTROLLER AND CUT NEW LOOPS

SHA NO.
RRZ

MDOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic and Safety

TRAFFIC ENGINEERING DESIGN DIVISION

LOG MI. 02045007.21

DRAWN BY: J.A.M. (The RBA Group)
DES. BY: J.E.Horky (A.A.Co.)
CHK. BY:

MD 450 (DEFENSE HWY.) AND CROWNSVILLE/S. HAVEN ROADS
COUNTY ANNE ARUNDEL

DATE: 11-85
SCALE: 1" = 20'
F.A.P. NO.
S.H.A. NO. BW 774-802-512

TS/STD. NO. 2492B

SHEET NO. 1 OF 1