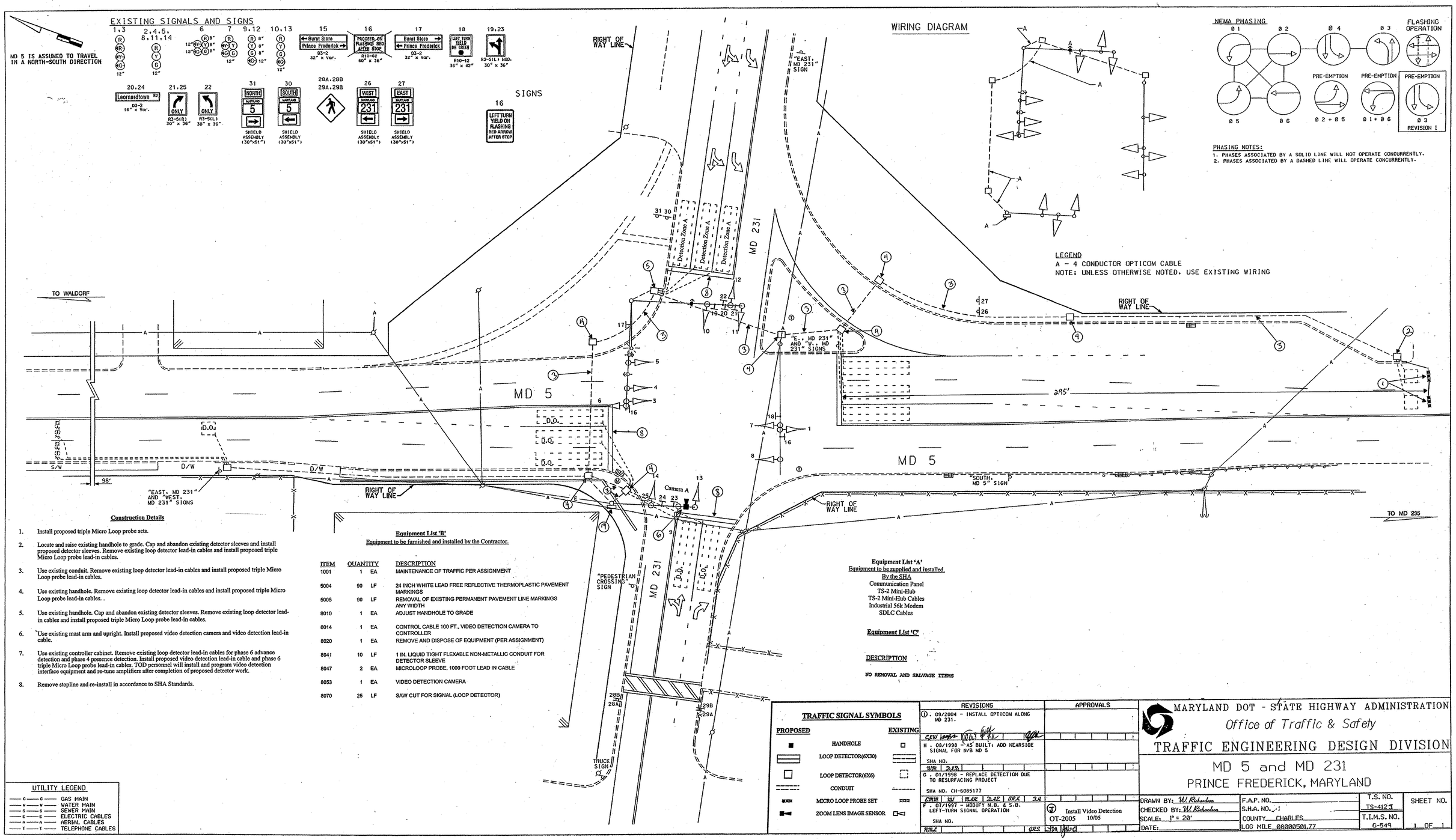

Construction Details

1. Install proposed triple Micro Loop probe sets.
2. Locate and raise existing handhole to grade. Cap and abandon existing detector sleeves and install proposed detector sleeves. Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cables.
3. Use existing conduit. Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cables.
4. Use existing handhole. Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cables. .
5. Use existing handhole. Cap and abandon existing detector sleeves. Remove existing loop detector lead-in cables and install proposed triple Micro Loop probe lead-in cables.
6. Use existing mast arm and upright. Install proposed video detection camera and video detection lead-in cable.
7. Use existing controller cabinet. Remove existing loop detector lead-in cables for phase 6 advance detection and phase 4 presence detection. Install proposed video detection lead-in cable and phase 6 triple Micro Loop probe lead-in cables. TOD personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed detector work.
8. Remove stopline and re-install in accordance to SHA Standards.

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

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5004	90	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5005	90	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8010	1	EA	ADJUST HANDHOLE TO GRADE
8014	1	EA	CONTROL CABLE 100 FT., VIDEO DETECTION CAMERA TO CONTROLLER
8020	1	EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8041	10	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8047	2	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8053	1	EA	VIDEO DETECTION CAMERA
8070	25	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

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'

DESCRIPTION

NO REMOVAL AND SALVAGE ITEMS

TRAFFIC SIGNAL SYMBOLS

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

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

REVISIONS
I. 09/2004 - INSTALL OPTICOM ALONG MD 231.
H. 08/1998 - AS BUILT: ADD NEARSIDE SIGNAL FOR N/B MD 5
SHA NO.
G. 01/1998 - REPLACE DETECTION DUE TO RESURFACING PROJECT
SHA NO. CH-6085177
F. 07/1997 - MODIFY N.B. & S.B. LEFT-TURN SIGNAL OPERATION
SHA NO.

APPROVALS
Install Video Detection
OT-2005 10/05

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 5 and MD 231
PRINCE FREDERICK, MARYLAND

DRAWN BY: W. Richardson
CHECKED BY: W. Richardson
SCALE: 1" = 20'
DATE:
F.A.P. NO.
S.H.A. NO.
COUNTY: CHARLES
LOG MILE: 08000501.77
T.S. NO. TS-412I
T.I.M.S. NO. G-549
SHEET NO. 1 OF 1