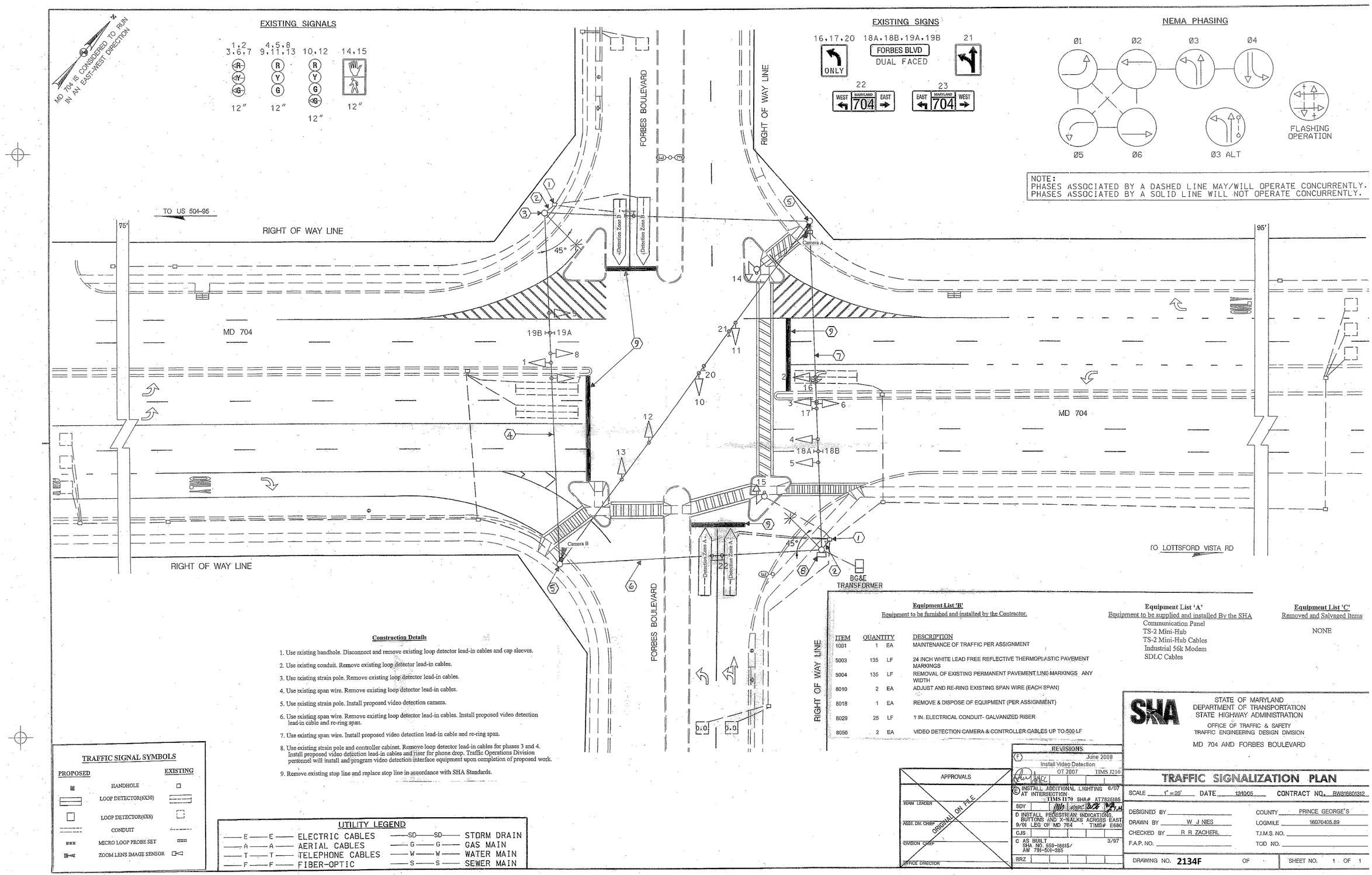

Construction Details

1. Use existing handhole. Disconnect and remove existing loop detector lead-in cables and cap sleeves.
2. Use existing conduit. Remove existing loop detector lead-in cables.
3. Use existing strain pole. Remove existing loop detector lead-in cables.
4. Use existing span wire. Remove existing loop detector lead-in cables.
5. Use existing strain pole. Install proposed video detection camera.
6. Use existing span wire. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable and re-ring span.
7. Use existing span wire. Install proposed video detection lead-in cable and re-ring span.
8. Use existing strain pole and controller cabinet. Remove loop detector lead-in cables for phases 3 and 4. Install proposed video detection lead-in cables and riser for phone drop. Traffic Operations Division personnel will install and program video detection interface equipment upon completion of proposed work.
9. Remove existing stop line and replace stop line in accordance with 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
5003	135	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	135	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8010	2	EA	ADJUST AND RE-RING EXISTING SPAN WIRE (EACH SPAN)
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8029	25	LF	1 IN. ELECTRICAL CONDUIT- GALVANIZED RISER
8050	2	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF

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	
MMH	MICRO LOOP PROBE SET	MMH
ZI	ZOOM LENS IMAGE SENSOR	

UTILITY LEGEND

E E	ELECTRIC CABLES	SD SD	STORM DRAIN
A A	AERIAL CABLES	G G	GAS MAIN
T T	TELEPHONE CABLES	W W	WATER MAIN
F F	FIBER-OPTIC	S S	SEWER MAIN

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS

F June 2008 — Install Video Detection — OT 2007 TIMS J210 — RRZ
E 6/07 — INSTALL ADDITIONAL LIGHTING AT INTERSECTION. TIMS I170 SHA# AT7825185 — SDY
D INSTALL PEDESTRIAN INDICATIONS, BUTTONS AND X-WALKS ACROSS EAST LEG OF MD 704 TIMS# E680 — CJS
C AS BUILT SHA NO. 859-16615/ AW 791-501-385 3/97 — RRZ

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

MD 704 AND FORBES BOULEVARD

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE 12/2005 CONTRACT NO. BW816801312

DESIGNED BY
DRAWN BY W J NIES
CHECKED BY R R ZACHERL
F.A.P. NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16070405.89
T.I.M.S. NO.
TOD NO.

DRAWING NO. 2134F OF SHEET NO. 1 OF 1