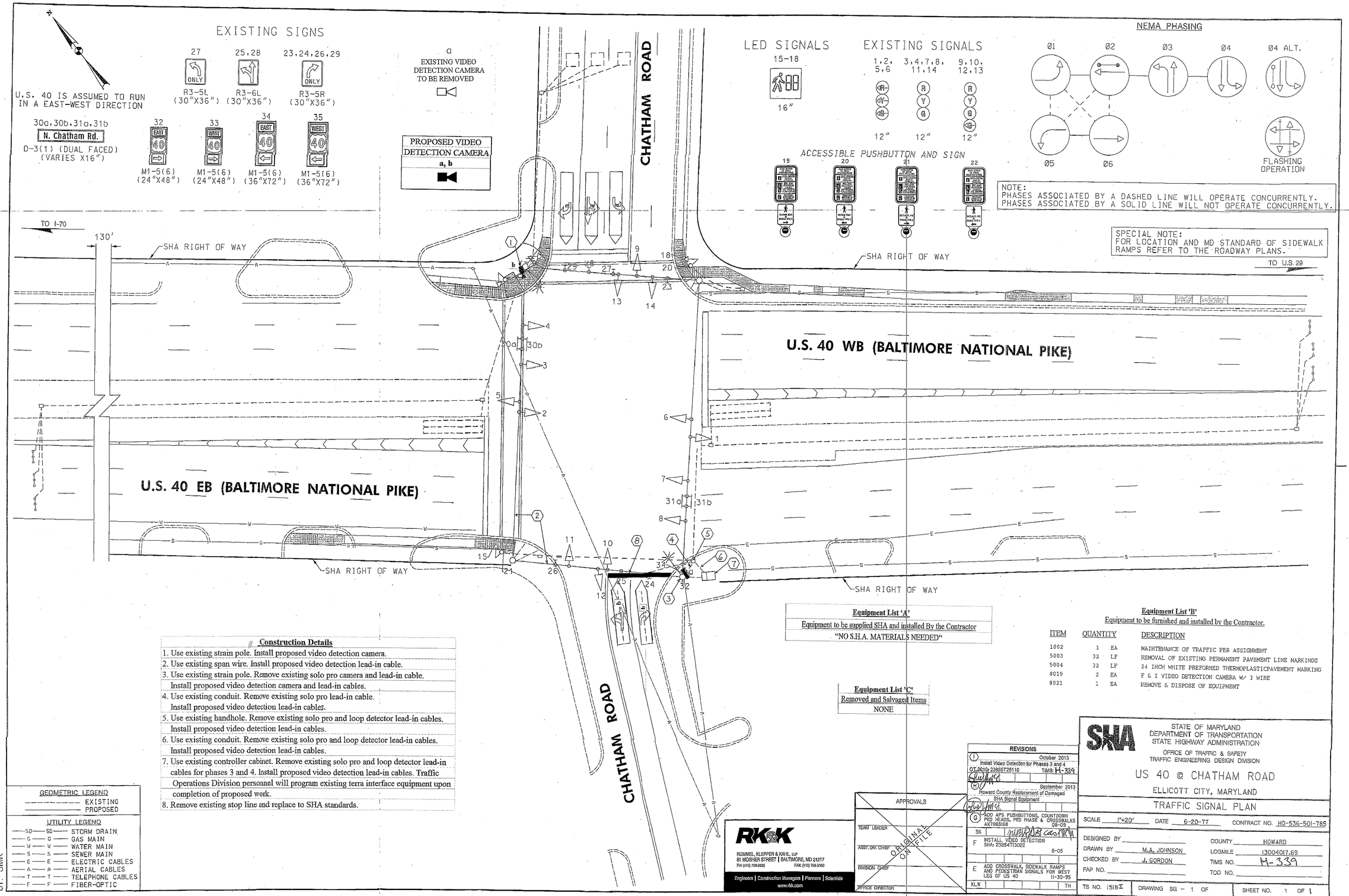

Equipment List 'A'

Equipment to be supplied SHA and installed By the Contractor

"NO S.H.A. MATERIALS NEEDED"

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	32	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS
5004	32	LF	24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING
8019	2	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
8021	1	EA	REMOVE & DISPOSE OF EQUIPMENT

Equipment List 'C'

Removed and Salvaged Items

NONE

Construction Details

1. Use existing strain pole. Install proposed video detection camera.
2. Use existing span wire. Install proposed video detection lead-in cable.
3. Use existing strain pole. Remove existing solo pro camera and lead-in cable. Install proposed video detection camera and lead-in cables.
4. Use existing conduit. Remove existing solo pro lead-in cable. Install proposed video detection lead-in cables.
5. Use existing handhole. Remove existing solo pro and loop detector lead-in cables. Install proposed video detection lead-in cables.
6. Use existing conduit. Remove existing solo pro and loop detector lead-in cables. Install proposed video detection lead-in cables.
7. Use existing controller cabinet. Remove existing solo pro and loop detector lead-in cables for phases 3 and 4. Install proposed video detection lead-in cables. Traffic Operations Division personnel will program existing terra interface equipment upon completion of proposed work.
8. Remove existing stop line and replace to SHA standards.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

BY: SMK

RK&K
RUMMEL, KLEPPER & KAHL, LLP
81 MOSHER STREET | BALTIMORE, MD 21217
PH: (410) 728-2900 FAX: (410) 728-2160
Engineers | Construction Managers | Planners | Scientists
www.rkk.com

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

REVISIONS

I	October 2013	Install Video Detection for Phases 3 and 4 OT-2010: 23B5ST25110	TIMS: M-339
H	September 2013	Howard County Replacement of Damaged SHA Signal Equipment	
G	08-09	ADD APS PUSHBUTTONS, COUNTDOWN PED HEADS, PED PHASE & CROSSWALKS AX7065168	
SK			
F	6-05	INSTALL VIDEO DETECTION SHA: 23B54T13022	
E	11-30-95	ADD CROSSWALK, SIDEWALK RAMPS AND PEDESTRIAN SIGNALS FOR WEST LEG OF US 40	
KLW			TH

SHA

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

US 40 @ CHATHAM ROAD

ELLICOTT CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 6-20-77 CONTRACT NO. HO-536-501-785

DESIGNED BY
DRAWN BY M.A. JOHNSON
CHECKED BY J. GORDON
FAP NO.

COUNTY HOWARD
LOGMILE 13004017.69
TIMS NO. M-339
TOD NO.

TS NO. 1518I DRAWING SG - 1 OF SHEET NO. 1 OF 1