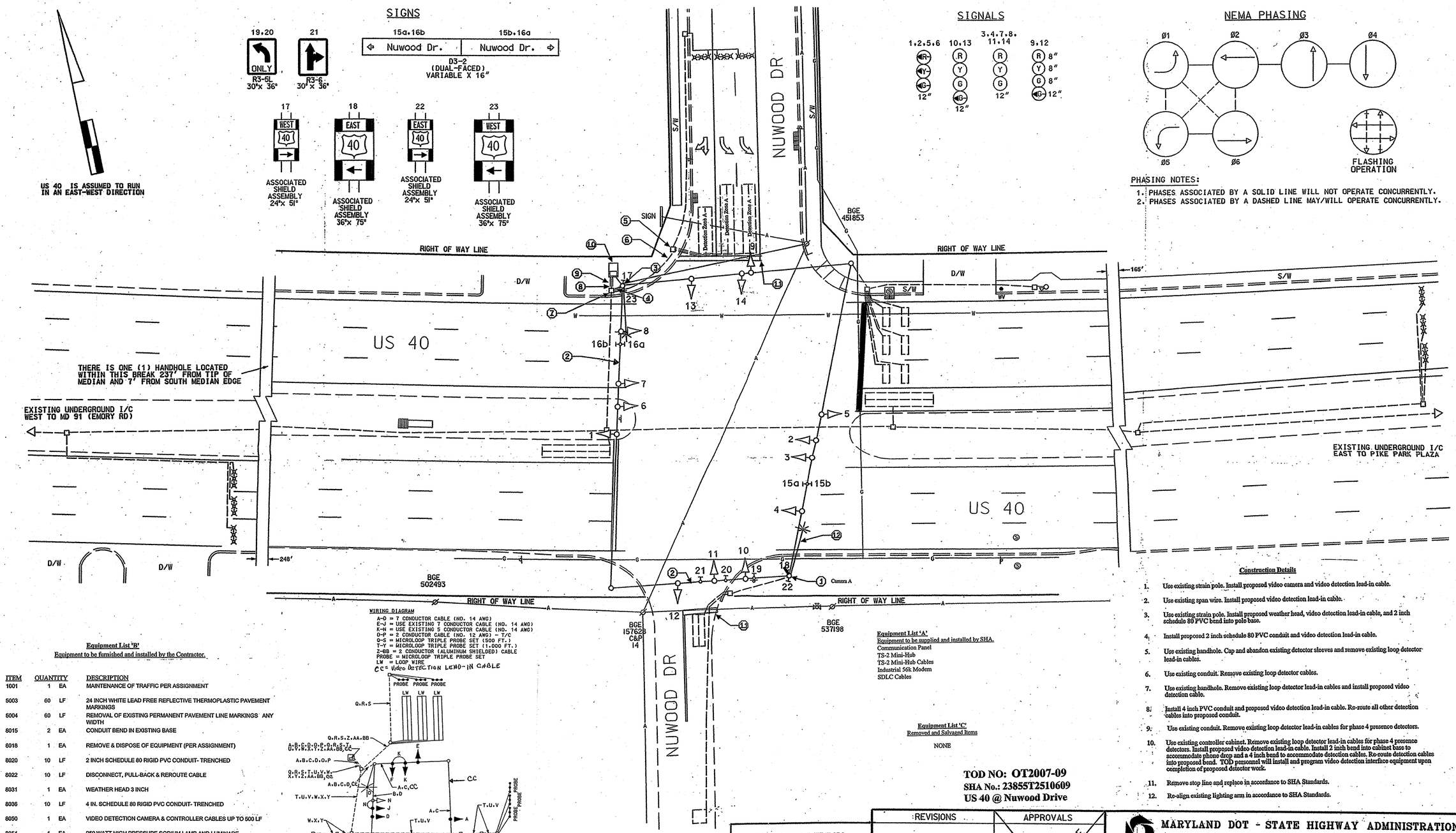


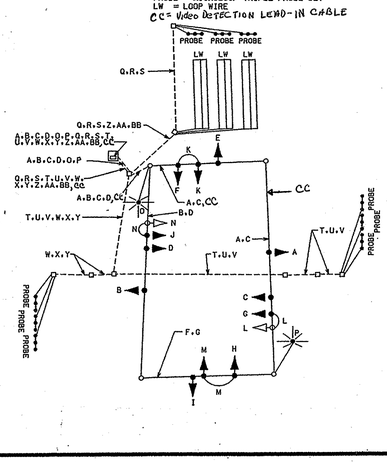
Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	60	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	60	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8015	2	EA	CONDUIT BEND IN EXISTING BASE
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8020	10	LF	2 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8022	10	LF	DISCONNECT, PULL-BACK & REROUTE CABLE
8031	1	EA	WEATHER HEAD 3 INCH
8036	10	LF	4 IN. SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8050	1	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8054	1	EA	250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINARE

WIRING DIAGRAM

A-D = 7 CONDUCTOR CABLE (NO. 14 AWG)
E-J = USE EXISTING 7 CONDUCTOR CABLE (NO. 14 AWG)
K-N = USE EXISTING 5 CONDUCTOR CABLE (NO. 14 AWG)
O-P = 2 CONDUCTOR CABLE (NO. 12 AWG) - T/C
Q-S = MICROLOOP TRIPLE PROBE SET (500 FT.)
T-Y = MICROLOOP TRIPLE PROBE SET (1,000 FT.)
Z-BB = 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE
PROBE = MICROLOOP TRIPLE PROBE SET
LW = LOOP WIRE
CC = Video DETECTION LEAD-IN CABLE



Equipment List 'A'

Equipment to be supplied and installed by 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

TOD NO: OT2007-09
SHA No.: 23855T2510609
US 40 @ Nuwood Drive

Construction Details

1. Use existing strain pole. Install proposed video camera and video detection lead-in cable.
2. Use existing span wire. Install proposed video detection lead-in cable.
3. Use existing strain pole. Install proposed weather head, video detection lead-in cable, and 2 inch schedule 80 PVC bend into pole base.
4. Install proposed 2 inch schedule 80 PVC conduit and video detection lead-in cable.
5. Use existing handhole. Cap and abandon existing detector sleeves and remove existing loop detector lead-in cables.
6. Use existing conduit. Remove existing loop detector cables.
7. Use existing handhole. Remove existing loop detector lead-in cables and install proposed video detection cable.
8. Install 4 inch PVC conduit and proposed video detection lead-in cable. Re-route all other detection cables into proposed conduit.
9. Use existing conduit. Remove existing loop detector lead-in cables for phase 4 presence detectors.
10. Use existing controller cabinet. Remove existing loop detector lead-in cables for phase 4 presence detectors. Install proposed video detection lead-in cable. Install 2 inch bend into cabinet base to accommodate phone drop and a 4 inch bend to accommodate detection cables. Re-route detection cables into proposed bend. TOD personnel will install and program video detection interface equipment upon completion of proposed detector work.
11. Remove stop line and replace in accordance to SHA Standards.
12. Re-align existing lighting arm in accordance to SHA Standards.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE
ELECTRIC
TELEPHONE
GAS
SEWER
WATER
CABLE TV

TRAFFIC SIGNAL SYMBOLS

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

REVISIONS

Installation of Video Detection 11/2006 OT2007

3-31-00 ASBUILT FOR RED LIGHT CAMERA INSTALLATION

RRZ

A 09/06 - ASBUILT: CHANGED E/B & W/B US 40 TO EXCLUS. L.T. & ASPLIT NUWOOD DR SHA NO. 23855T2506014

APPROVALS

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 40 (BALTO. NAT. PIKE.) AND NUWOOD DRIVE

DRAWN BY: STEVE RENZI	F.A.P. NO. T-8007 (20)	TS NO. 1142C	SHEET NO. 1 OF 1
CHECKED BY: STEVE RENZI	S.H.A. NO. B-286-485		
SCALE: 1"=20'	COUNTY: BALTIMORE	T.I.M.S. NO. I-088	
DATE: 2/27/74	LOG MILE: 03004001.01		