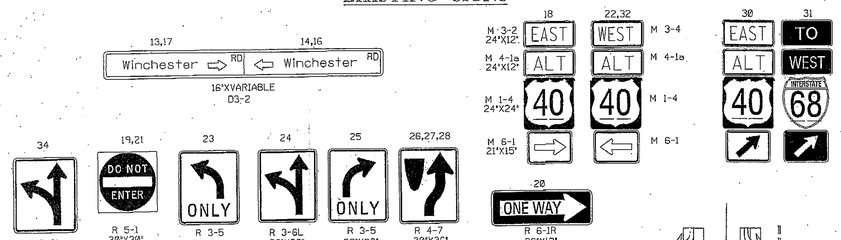
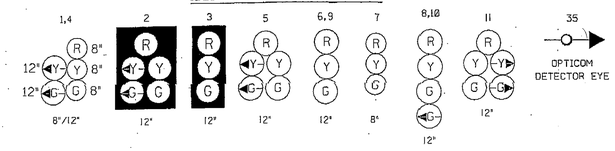
US 40 ALT. IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

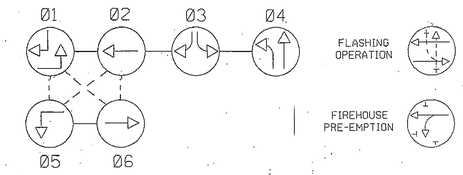
EXISTING SIGNS



EXISTING SIGNALS

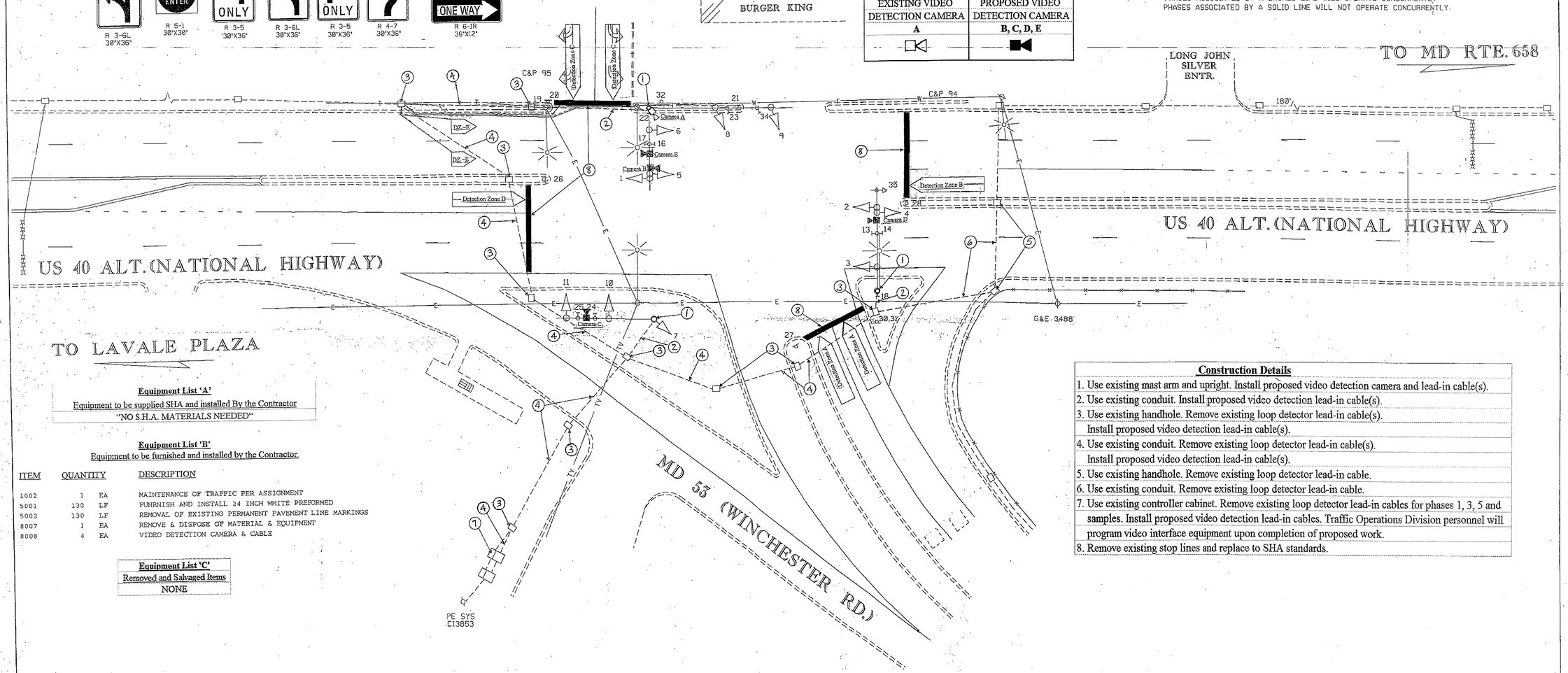


NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING VIDEO DETECTION CAMERA	PROPOSED VIDEO DETECTION CAMERA
A	B, C, D, E



Construction Details

1. Use existing mast arm and upright. Install proposed video detection camera and lead-in cable(s).
2. Use existing conduit. Install proposed video detection lead-in cable(s).
3. Use existing handhole. Remove existing loop detector lead-in cable(s). Install proposed video detection lead-in cable(s).
4. Use existing conduit. Remove existing loop detector lead-in cable(s). Install proposed video detection lead-in cable(s).
5. Use existing handhole. Remove existing loop detector lead-in cable.
6. Use existing conduit. Remove existing loop detector lead-in cable.
7. Use existing controller cabinet. Remove existing loop detector lead-in cables for phases 1, 3, 5 and samples. Install proposed video detection lead-in cables. Traffic Operations Division personnel will program video interface equipment upon completion of proposed work.
8. Remove existing stop lines and replace to SHA standards.

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
5001	130	LF	FURNRISH AND INSTALL 24 INCH WHITE PREFORMED
5002	130	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	4	EA	VIDEO DETECTION CAMERA & CABLE

Equipment List 'C'

Removed and Salvaged Items

NONE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

—A—A—	AERIAL CABLE
—E—E—	ELECTRIC
—T—T—	TELEPHONE
—G—G—	GAS
—S—S—	SEWER
—W—W—	WATER
—TV—TV—	CABLE TV

REVISIONS	
(1)	August 2011 Upgrade video detection TIMS: L-144
	XX0485185
(H)	REPLACE LOOP DETECTION DUE TO RESURFACING 02/2003 SHA No.: AL40SI77
(G)	ADD EMERGENCY SERVICES SIGNAL PRE-EMPTION (OPTICOM) FOR WESTBOUND US. 40 ALT. 05/2000 SHA No.: XX1005785
(F)	RECONSTRUCT TRAFFIC SIGNAL AND INTERCONNECT 04/1998 SHA No.: AW13502085
DBD MR DAZ	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

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

US 40 ALT. AND MD 53 (WINCHESTER ROAD)

DRAWN BY: S.A.	F.A.P. NO.	TS NO. TS-342 I	SHEET NO.
CHECKED BY: R.D.	S.H.A. NO.	T.I.M.S. NO.	1 OF 1
SCALE: 1" = 20'	COUNTY: ALLEGANY		
DATE: APRIL 1998	LOG MILE: 01A04006.62		