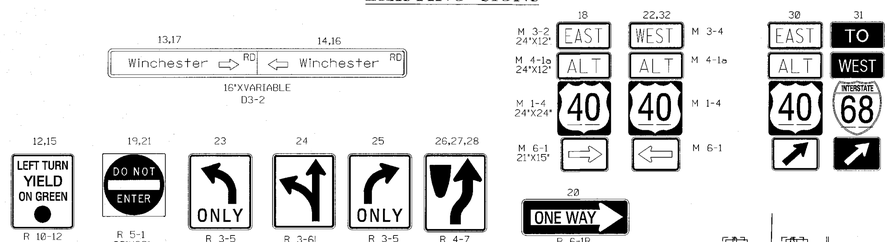
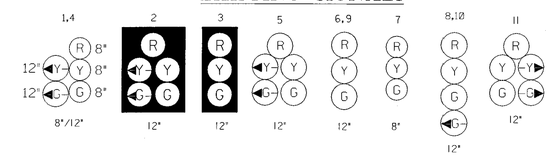
US 40 ALT. IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

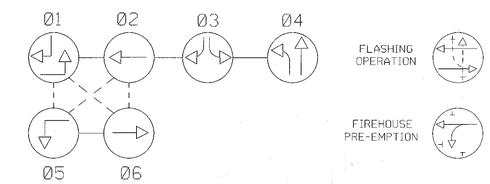
EXISTING SIGNS



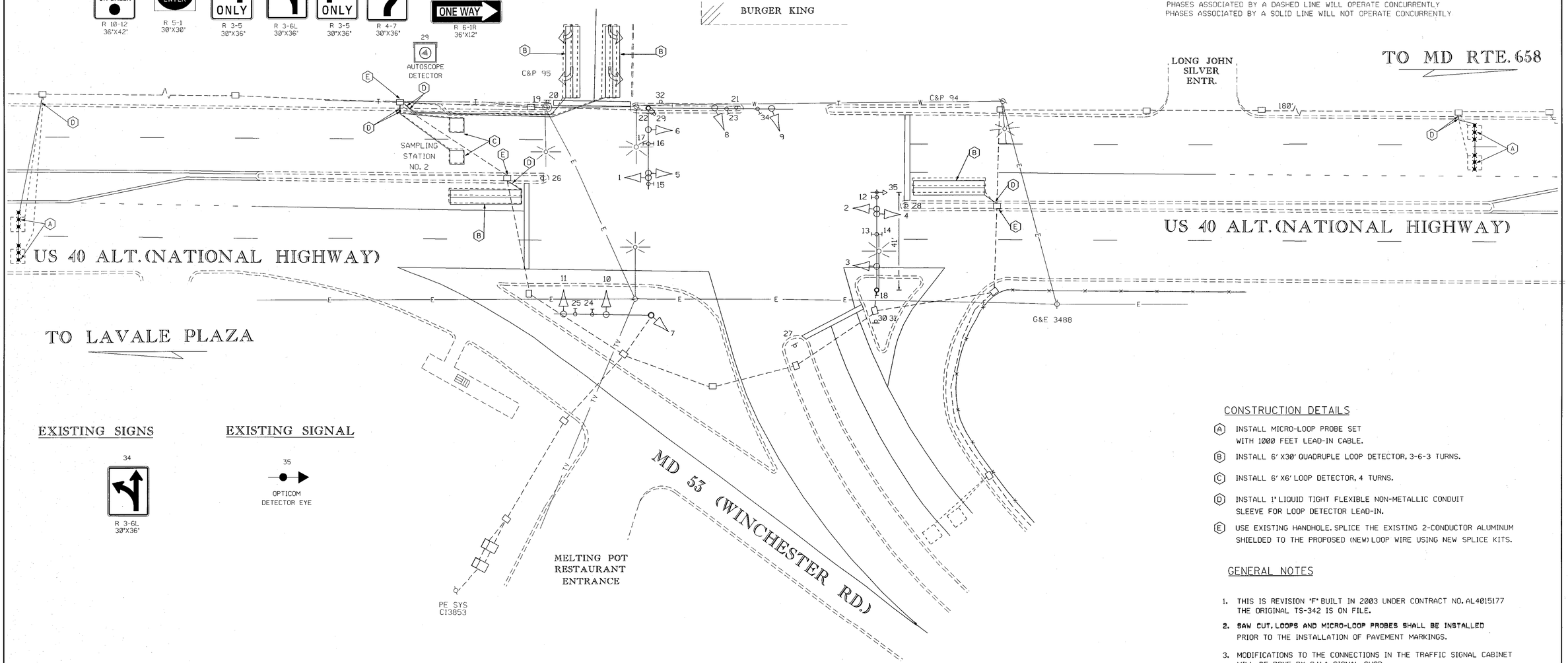
EXISTING SIGNALS



NEMA PHASING



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



EXISTING SIGNS

EXISTING SIGNAL

CONSTRUCTION DETAILS

(A) INSTALL MICRO-LOOP PROBE SET WITH 1000 FEET LEAD-IN CABLE.

(B) INSTALL 6' X30' QUADRUPLE LOOP DETECTOR, 3-6-3 TURNS.

(C) INSTALL 6' X6' LOOP DETECTOR, 4 TURNS.

(D) INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE FOR LOOP DETECTOR LEAD-IN.

(E) USE EXISTING HANDHOLE. SPLICE THE EXISTING 2-CONDUCTOR ALUMINUM SHIELDED TO THE PROPOSED (NEW) LOOP WIRE USING NEW SPLICE KITS.

GENERAL NOTES

1. THIS IS REVISION "F" BUILT IN 2003 UNDER CONTRACT NO. AL4015177 THE ORIGINAL TS-342 IS ON FILE.
2. **SAW CUT. LOOPS AND MICRO-LOOP PROBES SHALL BE INSTALLED** PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
3. MODIFICATIONS TO THE CONNECTIONS IN THE TRAFFIC SIGNAL CABINET WILL BE DONE BY S.H.A. SIGNAL SHOP.

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	
(F)	REPLACE LOOP DETECTION DUE TO RESURFACING 02/2003 SHA No.: AL4015177
然	
(G)	ADD EMERGENCY SERVICES SIGNAL PRE-EMPTION (OPTICOM) FOR WESTBOUND US 40 ALT. 05/2000 SHA No.: XX1005785
然	
(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 F	SHEET NO.
CHECKED BY:	R.D.	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	ALLEGANY	T.I.M.S. NO. F-672	1 OF 1
DATE:	APRIL 1998	LOG MILE:	01A04006.62		