F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

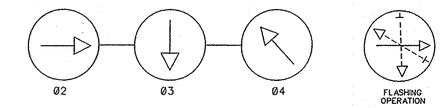
SIGNALS

1-6

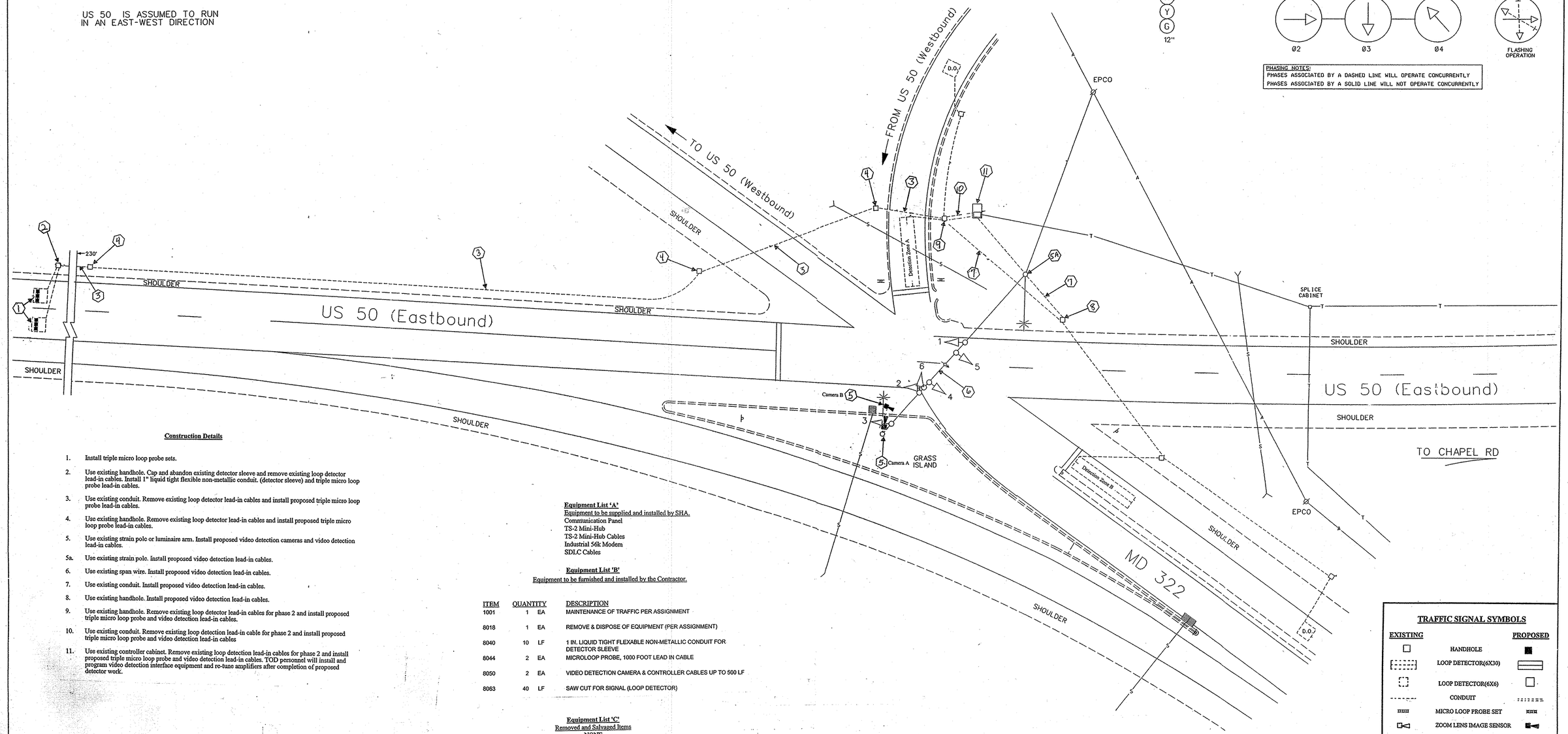
R
Y
G

12"

NEMA PHASING



PHASING NOTES:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



Construction Details

1. Install triple micro loop probe sets.
2. Use existing handhole. Cap and abandon existing detector sleeve and remove existing loop detector lead-in cables. Install 1" liquid tight flexible non-metallic conduit. (detector sleeve) and triple micro loop probe lead-in cables.
3. Use existing conduit. Remove existing loop detector lead-in cables and install proposed triple micro loop probe lead-in cables.
4. Use existing handhole. Remove existing loop detector lead-in cables and install proposed triple micro loop probe lead-in cables.
5. Use existing strain polc or luminaire arm. Install proposed video detection cameras and video detection lead-in cables.

5a. Use existing strain pole. Install proposed video detection lead-in cables.

6. Use existing span wire. Install proposed video detection lead-in cables.
7. Use existing conduit. Install proposed video detection lead-in cables.
8. Use existing handhole. Install proposed video detection lead-in cables.
9. Use existing handhole. Remove existing loop detector lead-in cables for phase 2 and install proposed triple micro loop probe and video detection lead-in cables.
10. Use existing conduit. Remove existing loop detection lead-in cable for phase 2 and install proposed triple micro loop probe and video detection lead-in cables
11. Use existing controller cabinet. Remove existing loop detection lead-in cables for phase 2 and install proposed triple micro loop probe and video detection lead-in cables. TOD personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed detector work.

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 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8040	10	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8044	2	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8050	2	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8063	40	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'
Removed and Salvaged Items
NONE

TRAFFIC SIGNAL SYMBOLS

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

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISIONS	REVISIONS
	G AS BUILT 09-19-97 SHA NO.: AW101A51 ,AW101B51,AW101C51 RRZ
	C ADDED RAMP FROM US 50 (WESTBOUND) 10-1-90 SHA NO.: AW 343-452-085 EJW
	B CHANGED FROM FLASHER TO FULLY ACTUATED 10-26-77 SHA NO.: AW 343-452-085
E Installation of video detection 05/07 OT 2007 J-049	A AS BUILT 10-26-76 SHA NO.: T-290X-000-285

APPROVALS

CHIEF, DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL SIGNED FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 (Eastbound) AND MD 322
(NORTH INTERSECTION)

DRAWN BY: T. GORDON	COUNTY: TALBOT	TS NO. 557E	SHEET NO.
CHECK BY: D. DODA	LOG MILE: 20005009.66		1 OF 1
DATE: 3/1/74	F.A.P. NO.	T.I.M.S. NO.	
SCALE: 1"= 20'	S.H.A. NO. AW 343-452-085		