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

MD 414 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

SIGNS

12: Leisure DR →

13: Leisure DR →

17,18,20,19: St. Barnabas RD — D-3(1) (DUAL FACED) (VARIABLE x 16")

16: ← Leisure DR — D-3(1) (DUAL FACED) (VARIABLE x 16")

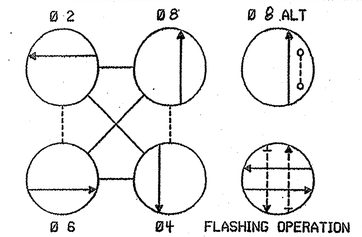
15: ← Leisure DR — D-3(1) (DUAL FACED) (VARIABLE x 16")

SIGNAL HEADS

1-8 (R Y G) 12"

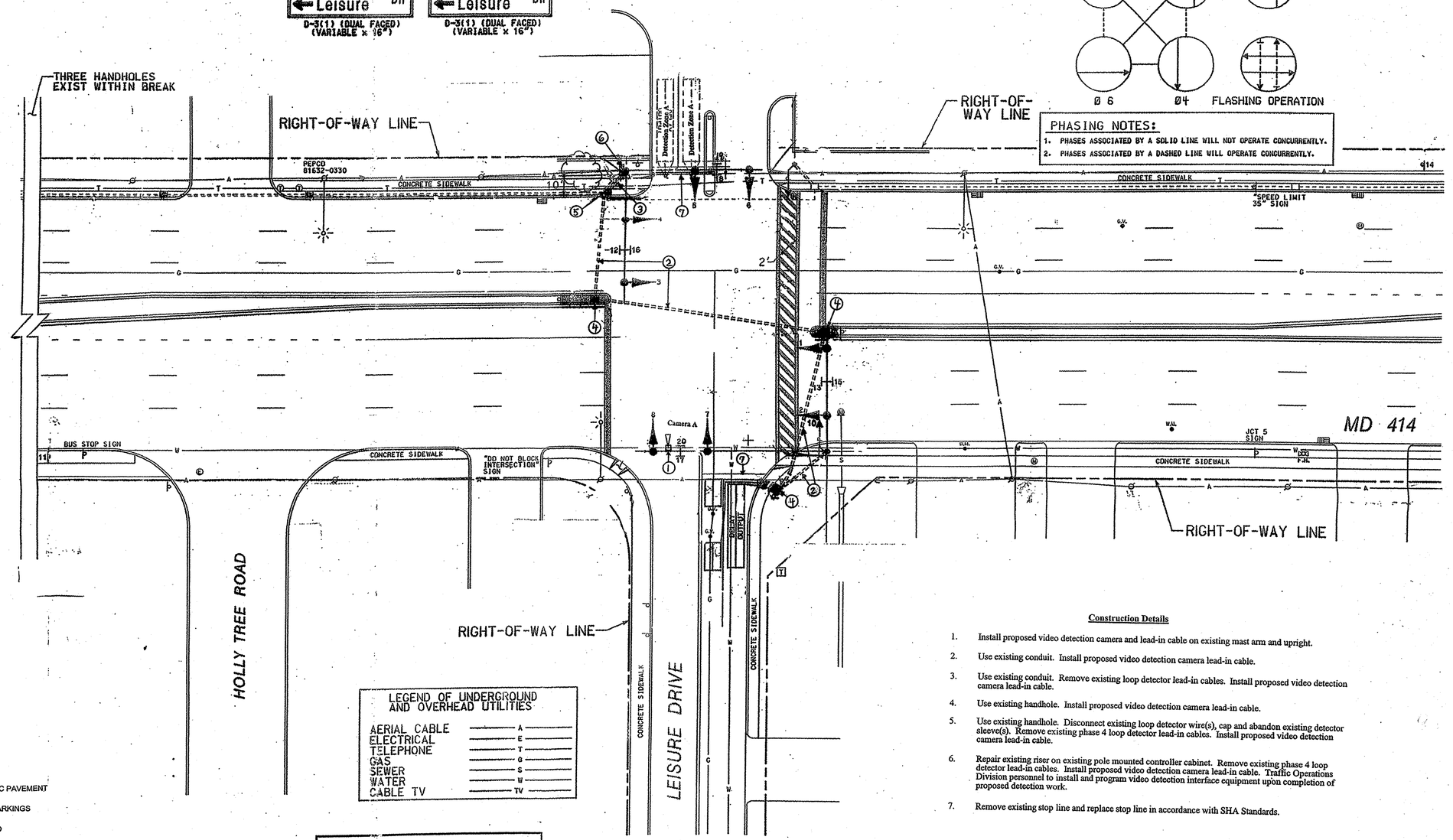
9,10

NEMA PHASING



PHASING NOTES:

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



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
5004	45	LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5005	45	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8002	1	EA	CONTROL CABLE 400 FT. VIDEO DETECTION CAMERA TO CONTROLLER
NEG	1	LS	REPAIR EXISTING RISER FOR PHONE DROP
8020	1	EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8053	1	EA	VIDEO DETECTION CAMERA

Equipment List 'C'
Removed and Salvaged Items

NONE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

Construction Details

1. Install proposed video detection camera and lead-in cable on existing mast arm and upright.
2. Use existing conduit. Install proposed video detection camera lead-in cable.
3. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed video detection camera lead-in cable.
4. Use existing handhole. Install proposed video detection camera lead-in cable.
5. Use existing handhole. Disconnect existing loop detector wire(s), cap and abandon existing detector sleeve(s). Remove existing phase 4 loop detector lead-in cables. Install proposed video detection camera lead-in cable.
6. Repair existing riser on existing pole mounted controller cabinet. Remove existing phase 4 loop detector lead-in cables. Install proposed video detection camera lead-in cable. Traffic Operations Division personnel to install and program video detection interface equipment upon completion of proposed detection work.
7. Remove existing stop line and replace stop line in accordance with SHA Standards.

TRAFFIC SIGNAL SYMBOLS

EXISTING		PROPOSED
■	HANDHOLE	□
▭	LOOP DETECTOR(6X30)	⬚
□	LOOP DETECTOR(6X6)	⬚
═══	CONDUIT	-----
▩	MICRO LOOP PROBE SET	▩
▬◁	ZOOM LENS IMAGE SENSOR	▭◁

REVISIONS	APPROVALS	REVISIONS
(A) Install Video Detection 2/06 OT-2005 H-633	ASSISTANT DIVISION CHIEF 4/20/98	
	ASST. DISTRICT ENGINEER, TRAFFIC 4/20/98	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY 4/21/98	

LOG MILE 16041403.74

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 414 (ST. BARNABAS RD) AND LEISURE DRIVE

3-31-06

DATE: 4-15-98	DRAWN BY: S.BLOSS	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE: 1"= 20'	DESIGNED BY: N.LEARY	S.H.A. NO.	AW) 078A55T1855	TS-3395-A	1 OF 2
APPROVE. BY: 4-20-98	CHECKED BY: T.HANNAN	COUNTY	PRINCE GEORGES		

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TOD No: OT2005-57
SHA: 23855T2510357
Prince George's Co.