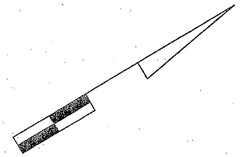
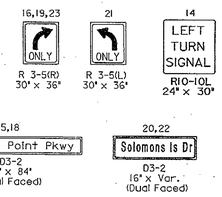
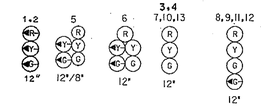


MD 2 /4 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

SIGNS

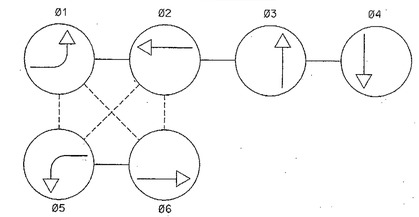


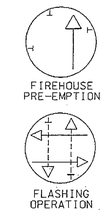
SIGNALS



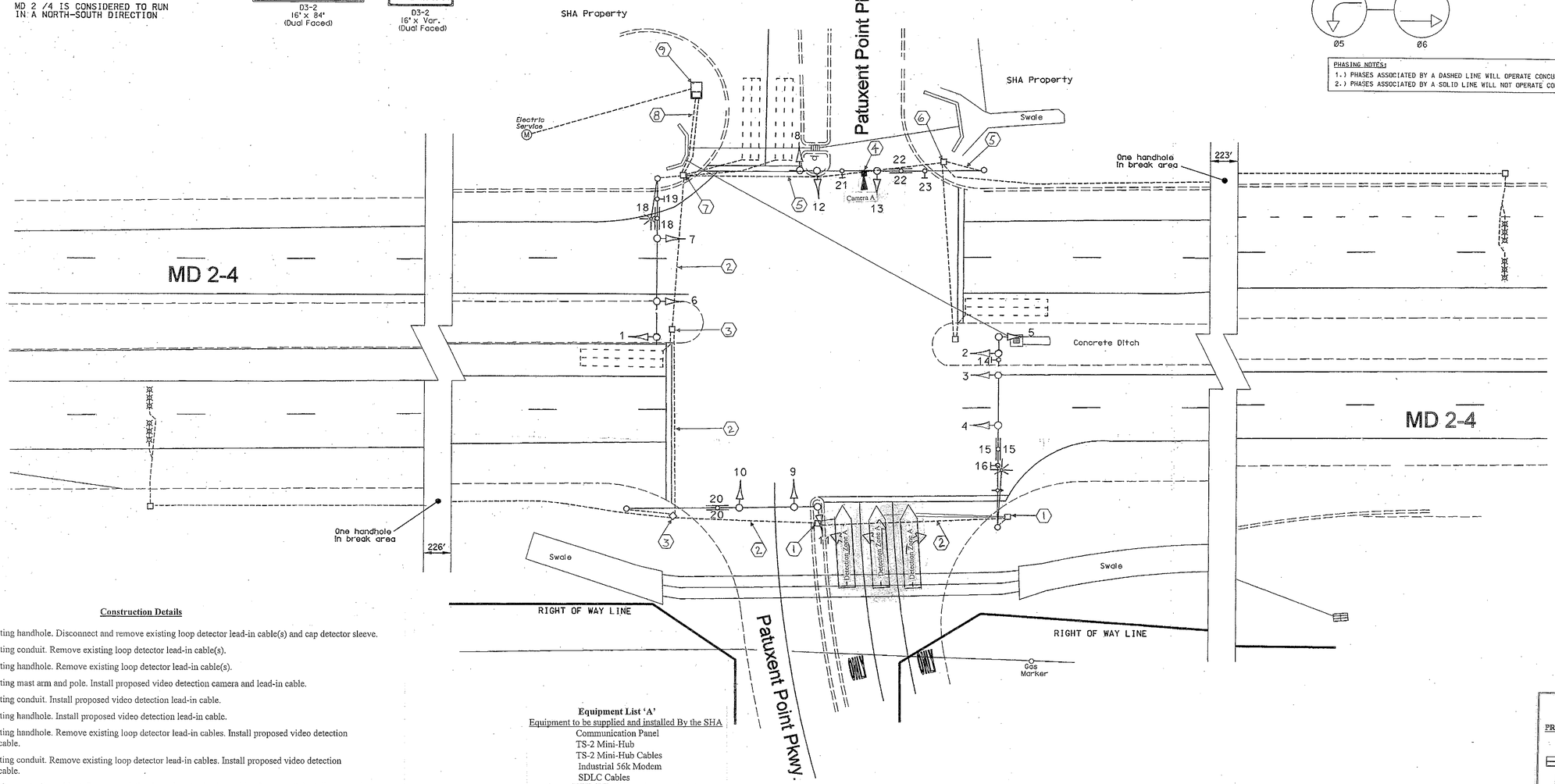
-O- = OPTICOM DETECTOR

NEMA PHASING





PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



Construction Details

1. Use existing handhole. Disconnect and remove existing loop detector lead-in cable(s) and cap detector sleeve.
2. Use existing conduit. Remove existing loop detector lead-in cable(s).
3. Use existing handhole. Remove existing loop detector lead-in cable(s).
4. Use existing mast arm and pole. Install proposed video detection camera and lead-in cable.
5. Use existing conduit. Install proposed video detection lead-in cable.
6. Use existing handhole. Install proposed video detection lead-in cable.
7. Use existing handhole. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
8. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
9. Use existing controller cabinet. Remove existing loop detector lead-in cables for phase 3. Install proposed video detection lead-in cable. Traffic Operations Division personnel will install and program video interface equipment upon completion of proposed work.

Equipment List 'A'
Equipment to be supplied and installed By the 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)
8050	1	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF

Equipment List 'C'
Removed and Salvaged Items

NONE

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
© Dec 2008
Install Video Detection
OT 2007 3-656
REMOVE E.P. AND INSTALL 7-21-04
EXCLUSIVE SIGNAL HEADS
SHA NO.: TO BE INSTALLED BY SHOP
JWA
A 8-12-98
ASBUILT
SHA NO.: BW998M82
FJH

APPROVALS
ORIGINAL ON FILE
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

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

MD 2 / 4 AND PATUXENT POINT PKWY

4686.dgn

DRAWN BY: J STORCK	F.A.P. NO.	TS NO. 3750C	SHEET NO. 1 OF 1
CHECKED BY: B THOMPSON	S.H.A. NO. BW996M82		
SCALE: 1"= 20'	COUNTY: CALVERT	T.I.M.S. NO. T-656	
DATE: 1-6-98	LOG MILE: 0400020243		

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