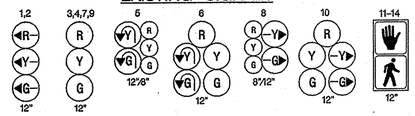
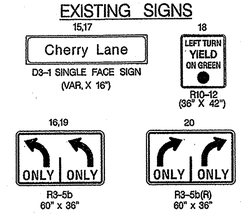
MD 197 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

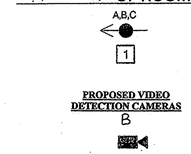
EXISTING SIGNALS



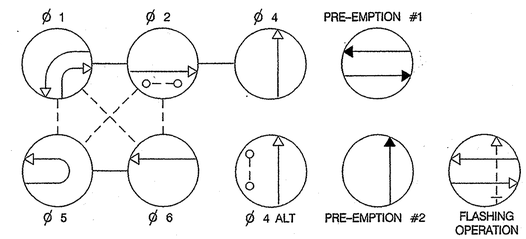
EXISTING SIGNS



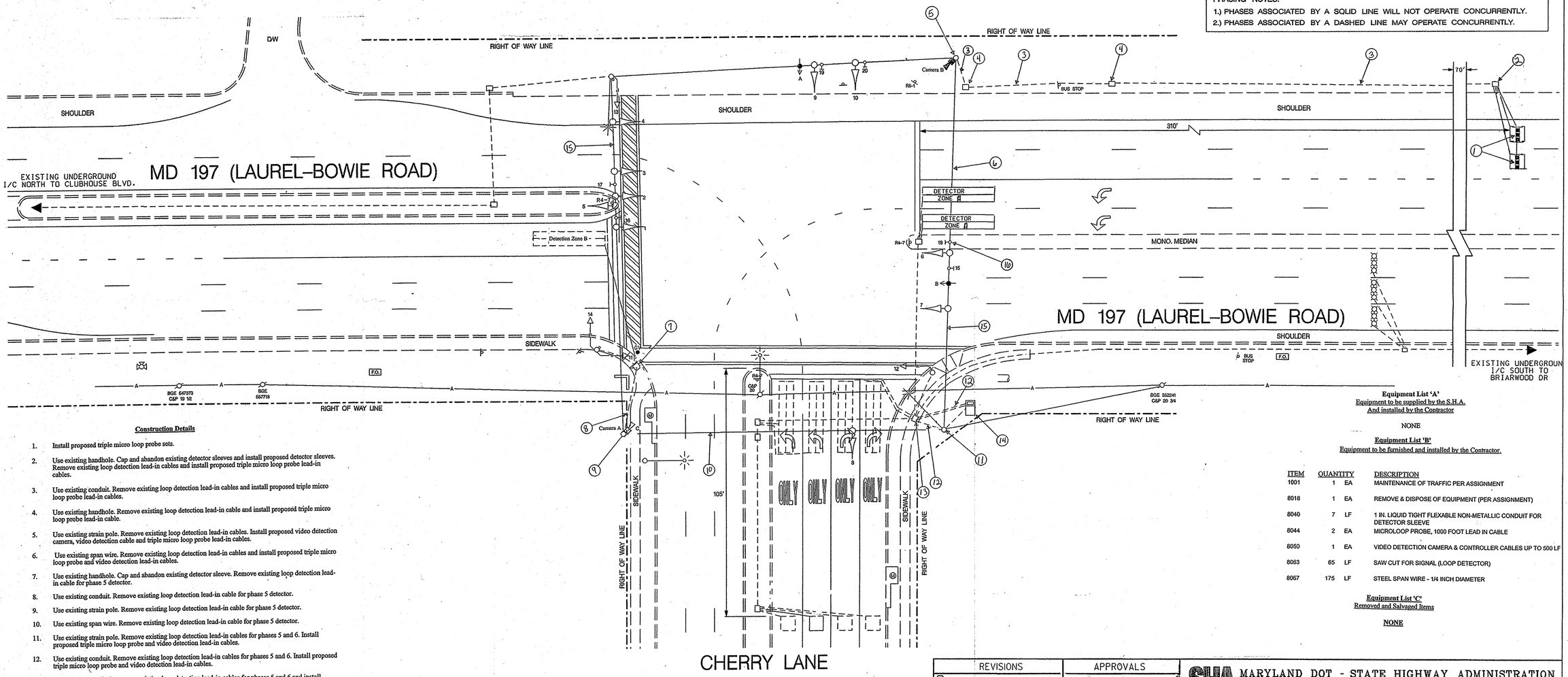
OPTICOM EYES



NEMA PHASING



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



Construction Details

1. Install proposed triple micro loop probe sets.
2. Use existing handhole. Cap and abandon existing detector sleeves and install proposed detector sleeves. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cables.
3. Use existing conduit. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cables.
4. Use existing handhole. Remove existing loop detection lead-in cable and install proposed triple micro loop probe lead-in cable.
5. Use existing strain pole. Remove existing loop detection lead-in cables. Install proposed video detection camera, video detection cable and triple micro loop probe lead-in cables.
6. Use existing span wire. Remove existing loop detection lead-in cables and install proposed triple micro loop probe and video detection lead-in cables.
7. Use existing handhole. Cap and abandon existing detector sleeve. Remove existing loop detection lead-in cable for phase 5 detector.
8. Use existing conduit. Remove existing loop detection lead-in cable for phase 5 detector.
9. Use existing strain pole. Remove existing loop detection lead-in cable for phase 5 detector.
10. Use existing span wire. Remove existing loop detection lead-in cable for phase 5 detector.
11. Use existing strain pole. Remove existing loop detection lead-in cables for phases 5 and 6. Install proposed triple micro loop probe and video detection lead-in cables.
12. Use existing conduit. Remove existing loop detection lead-in cables for phases 5 and 6. Install proposed triple micro loop probe and video detection lead-in cables.
13. Use existing handhole remove existing loop detection lead-in cables for phases 5 and 6 and install proposed triple micro loop probe and video detection lead-in cables.
14. Use existing controller cabinet. Remove existing loop detection lead-in cables for phases 5 and 6 and install proposed triple micro loop probe and video detection lead-in cables. TOD personnel will terminate video detection cable and program video detection interface equipment. They will also re-tune amplifiers after completion of proposed detection work.
15. Use existing strain poles. Install bottom span wire. Tether existing signs and signals.
16. Remove and dispose of existing "U TURN" sign.

Equipment List 'A'
Equipment to be supplied by the S.H.A. And installed by the Contractor

NONE

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	7	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8044	2	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8050	1	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8063	65	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8067	175	LF	STEEL SPAN WIRE - 1/4 INCH DIAMETER

Equipment List 'C'
Removed and Salvaged Items

NONE

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

TRAFFIC CONCEPTS, INC.
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REVISIONS

E	INSTALL OPTICOM -PRE-EMPTION	9-23-2004 SHA. NO. AT6045165
D	DETECTOR REPLACEMENT DUE TO ROAD RESURFACING	11-3-03 SHA. NO. PG480A21
C	RELOCATE SIGNAL EQUIPMENT DUE TO GEOMETRIC IMPROVEMENTS	9-15-88
B	ASBUILT AND ADDED EP RT TO S.B. CHERRY LANE	4-12-84

TMZ JWA BHE EMM

APPROVALS

F Installation of Video Detection OT 2007 04/2008 TIMS # J-169

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 197 AND CHERRY LANE

DRAWN BY:	HOWARD J. KILLIAN	F.A.P. NO.	N/A	TS NO. 1884 F	SHEET NO. 1 OF 1
CHECKED BY:	HOWARD J. KILLIAN	S.H.A. NO.	P 764-501-385		
SCALE:	1"=20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.	
DATE:	10-13-82	LOG MILE:	16019714.18		

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