MD 150 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNAL HEADS

1 — 12"/8" 2,3,4,5,6 — 8" 9,10 — 12"

EXISTING OPTICOM DETECTOR

11

EXISTING SIGNS

12 — RIGHT LANE MUST TURN RIGHT 700 FEET — R3-7R (36" x 42")

13 — LEFT TURN YIELD ON GREEN — R10-12 (36" x 42")

PROPOSED VIDEO DETECTION CAMERA

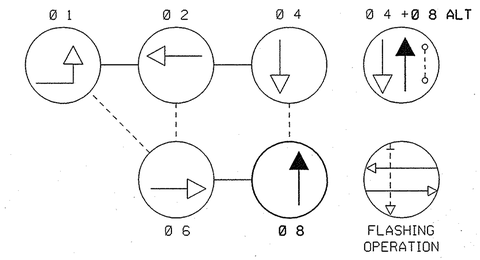
a

VIDEO DETECTION ZONE

PROPOSED SIGNAL HEADS

7,8 — 12"(LED)

NEMA PHASING

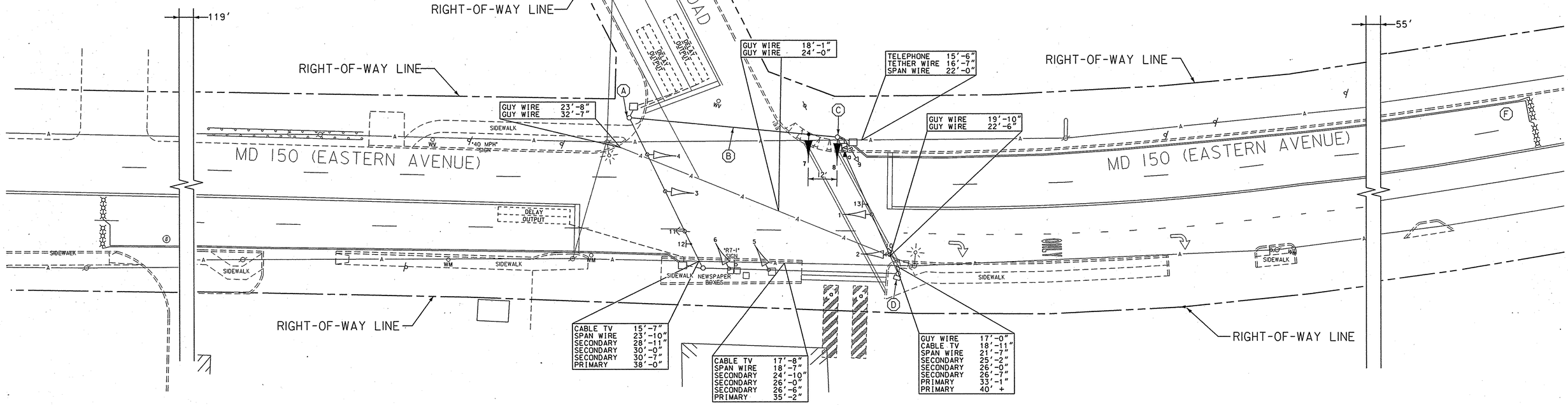


PHASING NOTES:

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

GENERAL NOTE

ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.



CONSTRUCTION DETAILS

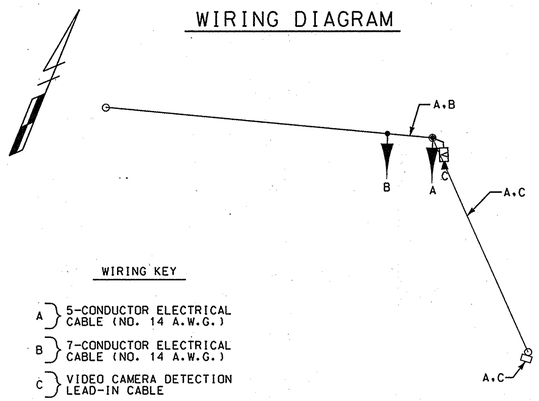
A. USE EXISTING STRAIN POLE.
B. INSTALL 3/8 IN. STEEL SPAN WIRE AND SIGNAL HEAD.
C. USE EXISTING STRAIN POLE AND INSTALL SIGNAL HEAD AND VIDEO DETECTION CAMERA MOUNTED ON STRAIN POLE.
D. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED/INSTALLED BY THE SHA

QUANTITY	DESCRIPTION
1 EACH	VIDEO INTERFACE EQUIPMENT: 1-4 CAMERAS
1 EACH	MAINTENANCE OF TRAFFIC
1 EACH	VIDEO DETECTION CAMERA
1 EACH	CONTROL CABLE, 200 FT. VIDEO DETECTION CAMERA TO CONTROLLER
90 LF	STEEL SPAN WIRE - 3/8 IN. DIAMETER
6 EA	12 IN. LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
25 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G)
110 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)

WIRING DIAGRAM



WIRING KEY

A } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
B } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
C } VIDEO CAMERA DETECTION LEAD-IN CABLE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
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REVISIONS		
(D) ADD INDICATIONS FOR SOUTH LEG SIGNAL SHOP	NML	3-06
(C) MODIFY SIGNAL FOR NEW GEOMETRICS SHA NO. BW996MB2	AJT JAB	11-21-04
(B) ADD PEDESTRIAN SIGNALS AND ADA RAMPS FOR MD 150		9-14-99
(A) AS - BUILT SHA NO. AW 103-501-485		4-29-97

APPROVALS

TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
ASST. 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

TRAFFIC SIGNALIZATION PLAN
MD 150 (EASTERN AVENUE) AND BENGIES RD

DRAWN BY:	RICHARDSON	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	KILIAN/ZAFIRIS	S.H.A. NO.	BA358A561856	TS-148704	
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO.	
DATE:	2-3-77 06	LOG MILE:	03015007.85	H376	OF

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