

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL TO ADD VIDEO DETECTION CAMERAS AT THE INTERSECTIONS OF MD 7 (CECIL AVENUE) AND MD 272 NORTHBOUND (MAIN STREET) AND MD 7 AND MD 272 SOUTHBOUND IN CECIL COUNTY, MD 7 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME AT BOTH INTERSECTIONS.

CONTROLLER REQUIREMENTS

MD 7 AND MD 272 NORTHBOUND:

THE EXISTING POLE MOUNTED CABINET WILL BE REMOVED AND REPLACED WITH NEW CABINET. INSTALL VIDEO INTERFACE EQUIPMENT. (BY SHA FORCES)

MD 7 AND MD 272 SOUTHBOUND:

THE EXISTING POLE MOUNTED CABINET AND CONTROLLER WILL BE USED. INSTALL VIDEO INTERFACE EQUIPMENT. (BY SHA FORCES)

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

CATEGORY CODE	QUANTITY	DESCRIPTION
900000	2 EACH	VIDEO DETECTION INTERFACE EQUIPMENT
900000	1 EACH	POLE MOUNTED CABINET

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

CATEGORY CODE NO.	QUANTITY	DESCRIPTION
120560	1 EACH	MAINTENANCE OF TRAFFIC
816005	4 EACH	INSTALL 250 FT. VIDEO DETECTION CAMERA TO CONTROLLER
816001	4 EACH	VIDEO DETECTION CAMERA
800000	LUMP SUM	REMOVE AND DISPOSE EXISTING MATERIAL AND EQUIPMENT

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.00 - 104.00-30

STANDARD NO. MD-104.44-01 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.45-01 (RIGHT LANE CLOSURE)

STANDARD NO. MD-104.48-01 (INTERSECTION TURN BAY LANE CLOSURE)

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. ROBERT KIEL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
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ASSISTANT DISTRICT ENGINEER - MAINTENANCE
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CHIEF, TRAFFIC OPERATIONS DIVISION
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MR. EDWARD RODENHIZER
SHA - SIGNAL SHOP
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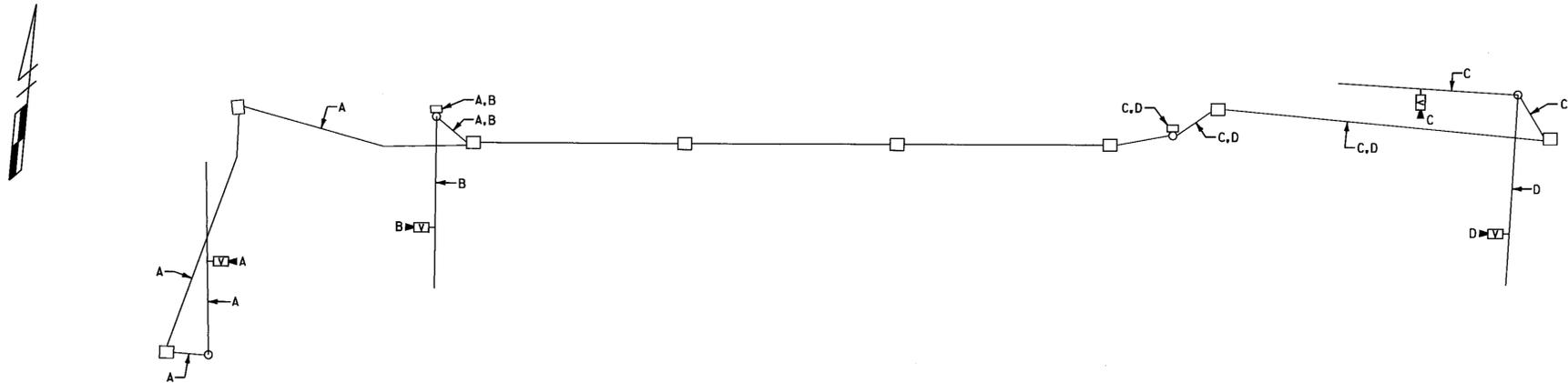
PHASE CHART

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

WIRING DIAGRAM

MD 7 AND MD 272 SOUTHBOUND

MD 7 AND MD 272 NORTHBOUND



WIRING KEY

A } VIDEO CAMERA DETECTION
B }
C }
D } LEAD-IN CABLE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
MD 7 AND MD 272 INTERSECTIONS



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DRAWN BY: S.BLOSS	F.A.P. NO. _____	TS. NO. 130E	SHEET NO. _____ OF _____
CHECKED BY: N.LEARY	S.H.A. NO. _____	T.I.M.S. NO. F673	
SCALE: NONE	COUNTY: CECIL	LOG MILE: _____	
DATE: 1/27/2003			