PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNALS AT THE INTERSECTIONS OF MD 65 AND PRIME OUTLETS BOULEVARD, MD 65 AND OAK RIDGE DRIVE AND MD 65 AND DAUB WAY IN WASHINGTON COUNTY, MARYLAND. MD 65 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

1. MD 65 & PRIME OUTLETS BOULEVARD

   THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

2. MD 65 & OAKRIDGE DRIVE

   THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

3. MD 65 & DAUB WAY

   THE EXISTING POLE MOUNTED CABINET AND CONTROLLER WILL BE USED. THE DETECTOR RACK WILL BE RETRO-FITTED WITH ONE (1) FOUR-CHANNEL, TIME-DELAY-OUTPUT LOOP DETECTOR AMPLIFIERS.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)
STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)
STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)
STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE)
STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. GEORGE H. SMALL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 729-8444

MR. GEORGE FRANKENBERRY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 729-8457

MR. DAVID LARRICK
DISTRICT UTILITY ENGINEER
PHONE: (301) 729-8420

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

CATEGORY CODE	QUANTITY	DESCRIPTION
900000	1 EACH	RETRO FIT DETECTOR RACK
900000	2 EACH	VIDEO INTERFACE EQUIPMENT: 1-4 CAMERAS
963010	1 EACH	FOUR-CHANNEL, TIME-DELAY-OUTPUT, LOOP DETECTOR AMPLIFIER

EQUIPMENT LIST "B"

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

CATEGORY CODE	QUANTITY	DESCRIPTION
805011	10 L.F.	1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE
805135	10 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
805160	35 L.F.	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
810550	7 EACH	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
816001	6 EACH	VIDEO DETECTION CAMERA
816005	2 EACH	CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER
816010	4 EACH	CONTROL CABLE, 500 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER
862102	155 L.F.	SAW CUT FOR SIGNAL (LOOP DETECTOR)
800000	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
800000	1 EACH	2" BLIND COUPLING WELDED AND GALVANIZED
800000	1 EACH	CONDUIT BEND IN EXISTING FOUNDATION

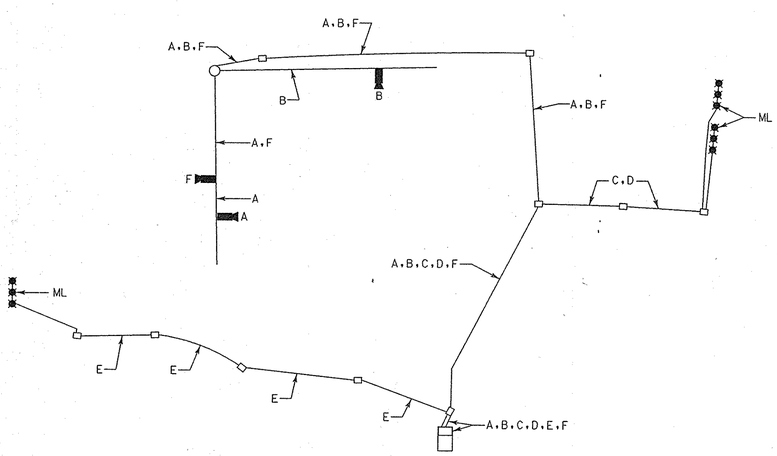
EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

WIRING DIAGRAM

MD 65 AND PRIME OUTLETS BLVD



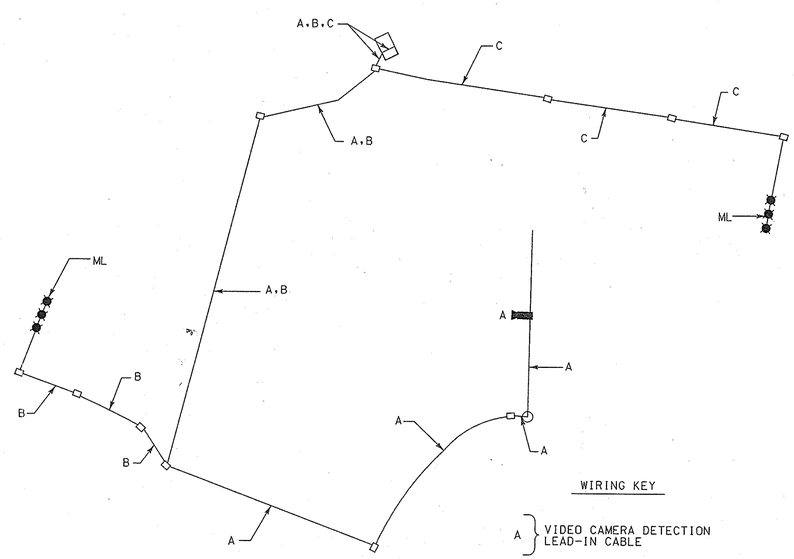
WIRING KEY

A, B, F } VIDEO CAMERA DETECTION LEAD-IN CABLE

C, D, E } MICROLOOP PROBE LEAD-IN

LW - LOOP WIRE (NO. 14 A.W.G.)
ML - MICROLOOP PROBE SET

MD 65 AND OAK RIDGE DRIVE



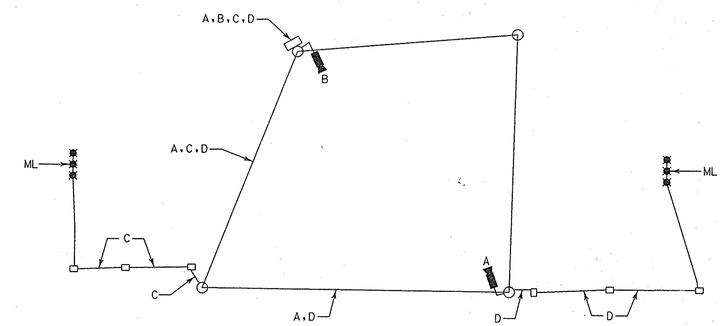
WIRING KEY

A } VIDEO CAMERA DETECTION LEAD-IN CABLE

B, C } MICROLOOP PROBE LEAD-IN

ML - MICROLOOP PROBE SET

MD 65 AND DAUB WAY



WIRING KEY

A, B } VIDEO CAMERA DETECTION LEAD-IN CABLE

C, D } MICROLOOP PROBE LEAD-IN

ML - MICROLOOP PROBE SET

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410-235-3450

BY: sbloss

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 65: I-70 To Wilson Boulevard (Signals)
Hagerstown, MD

GENERAL INFORMATION SHEET

SCALE NONE ADVERTISED DATE 2072008 CONTRACT NO. WA3035177

DESIGNED BY S. Bloss
DRAWN BY S. Bloss
CHECKED BY N. Leary
F.A.P. NO.

COUNTY Washington
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