PROJECT DESCRIPTION

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THIS PROJECT INVOLVES THE RELOCATION OF THE PEDESTRIAN SIGNAL AT THE INTERSECTION OF MD 193 (GREENBELT ROAD) AND AEROSPACE ROAD FOR THE INTERSECTION IMPROVEMENTS OF MD 193 IN GREENBELT, PRINCE GEORGE'S COUNTY. MD 193 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION SHALL OPERATE IN A NEMA FOUR-PHASE, FULL TRAFFIC ACTUATED MODE.

PROJECT CONTACTS

CONTACTS FOR DISTRICT 3:

MR. MAJIB SHAKIB
ASSISTANT DISTRICT ENGINEER, TRAFFIC
410-513-7358

MR. WAYNE MOWDY
ASSISTANT DISTRICT ENGINEER, MAINTENANCE
410-513-7304

MR. AUGIE REBISH
UTILITIES ENGINEER
410-513-7350

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY:

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
CHIEF, SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
CHIEF, SIGN OPERATIONS
410-787-7676

MR. MIKE STOCKER
SIGNAL SHOP WAREHOUSE
410-787-7696

EQUIPMENT LIST 'A'

NONE

EQUIPMENT LIST 'C'

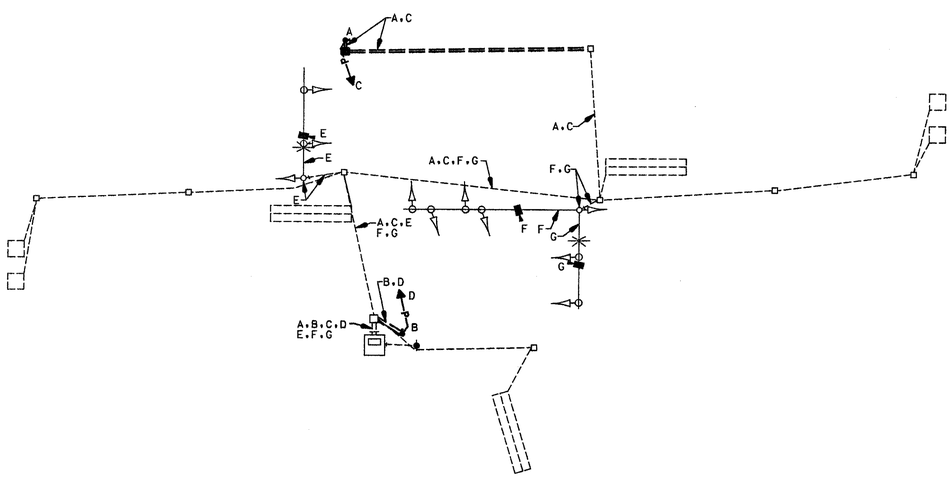
NONE

EQUIPMENT LIST 'B'

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	2 EA	MAINTENANCE OF TRAFFIC
2002	5 CY	TEST PIT EXCAVATION
5005	235 LF	12 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
5006	50 LF	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
6001	25 LF	DEPRESSED CURB & GUTTER
6004	115 SF	4 INCH CONCRETE SIDEWALK
8001	2 CY	CONCRETE FOR SIGNAL FOUNDATIONS
8002	4 EA	12 INCH PEDESTRIAN SIGNAL HEAD SECTION
8004	1 EA	ADJUST EXISTING HANDHOLE TO GRADE
8008	1 EA	CONTROL CABLE, 200 FOOT, VIDEO DETECTION
8009	2 EA	CONTROL CABLE, 300 FOOT, VIDEO DETECTION
8018	2 EA	PEDESTRIAN POLE (ANY SIZE)
8019	1 EA	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT PER ASSIGNMENT
8037	90 LF	4 INCH SCHEDULE 80 RIGID PVC CONDUIT- BORED
8039	20 LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8053	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8057	3 EA	VIDEO DETECTION CAMERA
8082	375 LF	ELECTRIC CABLE- 2 CONDUCTOR (NO. 14 AWG)
8083	375 LF	ELECTRIC CABLE- 3 CONDUCTOR (NO. 14 AWG)
8089	2 EA	PUSHBUTTON AND SIGN

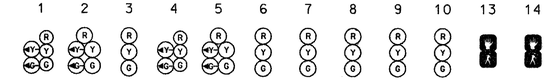
WIRING DIAGRAM



WIRING KEY

A,B	2-CONDUCTOR ELECTRIC CABLE (NO. 14 AWG)
C,D	3-CONDUCTOR ELECTRIC CABLE (NO. 14 AWG)
E,F,G	VIDEO DETECTION LEAD-IN CABLE

PHASE CHART



	1	2	3	4	5	6	7	8	9	10	13	14
Phase 1 & 5	R ← G —	R ← G —	R	R ← G —	R ← G —	R	R	R	R	R	DW	DW
1 & 5 Change To Phase 1 & 6 or Phase 2 & 5												
Phase 1 & 6	G ← G —	G ← G —	G	R	R	R	R	R	R	R	DW	DW
1 Change	Y ← Y —	Y ← Y —	Y	R	R	R	R	R	R	R	DW	DW
Phase 2 & 5	R	R	R	G ← G —	G ← G —	G	R	R	R	R	DW	DW
5 Change	R	R	R	Y ← Y —	Y ← Y —	Y	R	R	R	R	DW	DW
Phase 2 & 6	G	G	G	G	G	G	R	R	R	R	DW	DW
2 & 6 Change	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW
Phase 4 & 8	R	R	R	R	R	R	G	G	G	G	DW	DW
4 & 8 Change	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW
Phase 4 ALT	R	R	R	R	R	R	G	G	G	G	WK	WK
Ped Clearance	R	R	R	R	R	R	G	G	G	G	FL/DW	FL/DW
4 ALT Change	R	R	R	R	R	R	Y	Y	Y	Y	DW	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK

CHA #: PG617A64/8036 TAD #: AT8816-09

REVISION A CONSULTANT

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110 West Road
Suite 300
Towson, Maryland 21204

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

MD 193 AT AEROSPACE RD

DRAWN BY:	M.A. MEARS	F.A.P. NO.		TS NO. 3349	SHEET NO.
CHECKED BY:	M.A. MEARS	S.H.A. NO.	BW-610-802-312		
SCALE:	1":20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. G434A	2 OF 2
DATE:	10/07/1993	LOG MILE:	16019309.62		

$TIME$
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