

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES A PHASING MODIFICATION TO THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 202 AND TECHNOLOGY WAY IN PRINCE GEORGE'S COUNTY. THE EXISTING NB MD 202 EXCLUSIVE/PERMISSIVE LEFT TURN PHASING WILL BE CHANGED TO EXCLUSIVE LEFT TURN PHASING. MD 202 IS ASSUMED TO RUN IN AN NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE, SEMI-TRAFFIC-ACTUATED MODE. THERE WILL BE AN EXCLUSIVE LEFT TURN PHASE FOR THE NORTH TO WEST MOVEMENT. MD 202 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY. TECHNOLOGY WAY WILL OPERATE ALONE.

EQUIPMENT LIST FOR CONTRACT NO. AX108A51

A. EQUIPMENT TO BE FURNISHED AND INSTALLED BY STATE HIGHWAY ADMINISTRATION

ITEM	QUANTITY	UNIT	DESCRIPTION
	1	EA	MAINTENANCE OF TRAFFIC
	12	EA	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
	30	LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
	225	LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
	5	SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)
	5	SF	SHEET ALUMINUM SPAN MOUNTED SIGN
	1	EA	R10-10 SIGN (24" x 30") SPAN WIRE MOUNTED

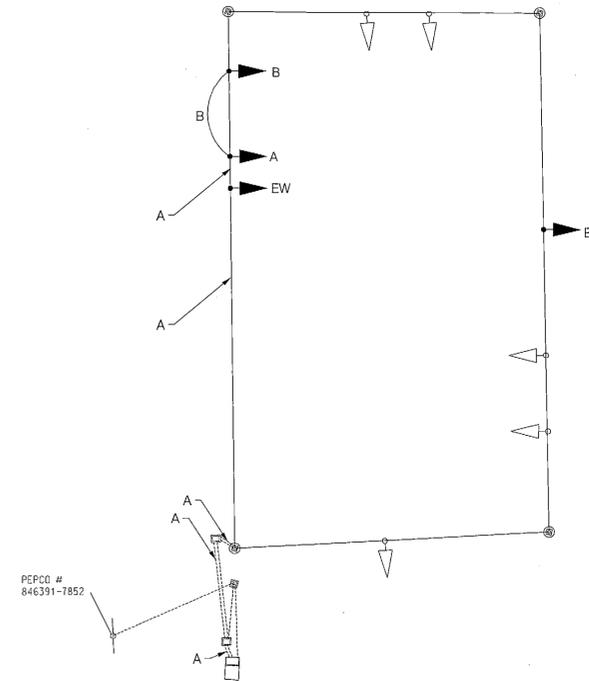
PHASE CHART

	1	2	3	4	5	6	7	8	9
	(R)								
	(Y)								
	(G)								
PHASE 1 AND 6	← G	← G	G	G	R	R	R	R	R
PHASE 1 CHANGE	← Y	← Y	G	G	R	R	R	R	R
PHASE 2 AND 6	← R	← R	G	G	G	G	R	R	R
2 AND 6 CHANGE	← R	← R	Y	Y	Y	Y	R	R	R
PHASE 4	← R	← R	R	R	R	R	G	G	G
4 CHANGE	← R	← R	R	R	R	R	Y	Y	Y
FLASHING OPERATION	FL←R	FL←R	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R

WIRING DIAGRAM



MD 202 IS ASSUMED TO RUN IN A NORTHSOUTH DIRECTION



WIRING KEY

- A } 7 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
- B } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
- EW } EXISTING ELECTRICAL CABLE TO BE UTILIZED



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 202 (LANDOVER RD) AT
TECHNOLOGY WAY
LANDOVER, MD

GENERAL INFORMATION PLAN SHEET

SCALE: NONE ADVERTISED DATE: 09/2011 CONTRACT NO.: AX108A51

DESIGNED BY: DM COUNTY: PRINCE GEORGE'S

DRAWN BY: DM LOGMILE: 16020208.38

CHECKED BY: JB TIMS NO.: L104

F.A.P. NO.: TOD NO.:

TS NO. 3839A DRAWING - OF SHEET NO. 2 OF 2

