PROJECT DESCRIPTION

1. GENERAL
   THIS PROJECT INVOLVES THE ADDITION OF A LEFT TURN LANE AND A RIGHT TURN LANE FOR WESTBOUND MD 373 AND A LEFT TURN LANE AND A RIGHT TURN LANE FOR EASTBOUND MD. 373. ALL LOOPS AND MICRO-PROBESWILL BE REPLACED AND A NEW LOOP AND MICRO-PROBE WILL BE INSTALLEDIN THE NEW LEFT TURN LANE. MD 373 IS ASSUMED TO RUN IN AN EAST / WEST DIRECTION
2. INTERSECTION OPERATION
   THE INTERSECTION WILL OPERATE IN A NEMA EIGHT (8) PHASE OPERATION, IN A FULL-TRAFFIC-ACTUATED MODE. THE INTERSECTION WILL CONTINUE TO OPERATE WITH FIREHOUSE PRE-EMPTION FOR PHASE 4 AND A PEDESTRIAN PHASE ASSOCIATED WITH PHASE 8

CONTACT LIST

THE CONTACT PERSONS FOR DISTRICT #3 (PRINCE GEORGE'S COUNTY) ARE AS FOLLOWS:

MR. MAJ SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(301) 513-7358

MR. AUGIE REBISH
ASSISTANT DISTRICT ENGINEER - UTILITY
(301) 513-7350

MR. WAYNE MOWDY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(301) 513-7304

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

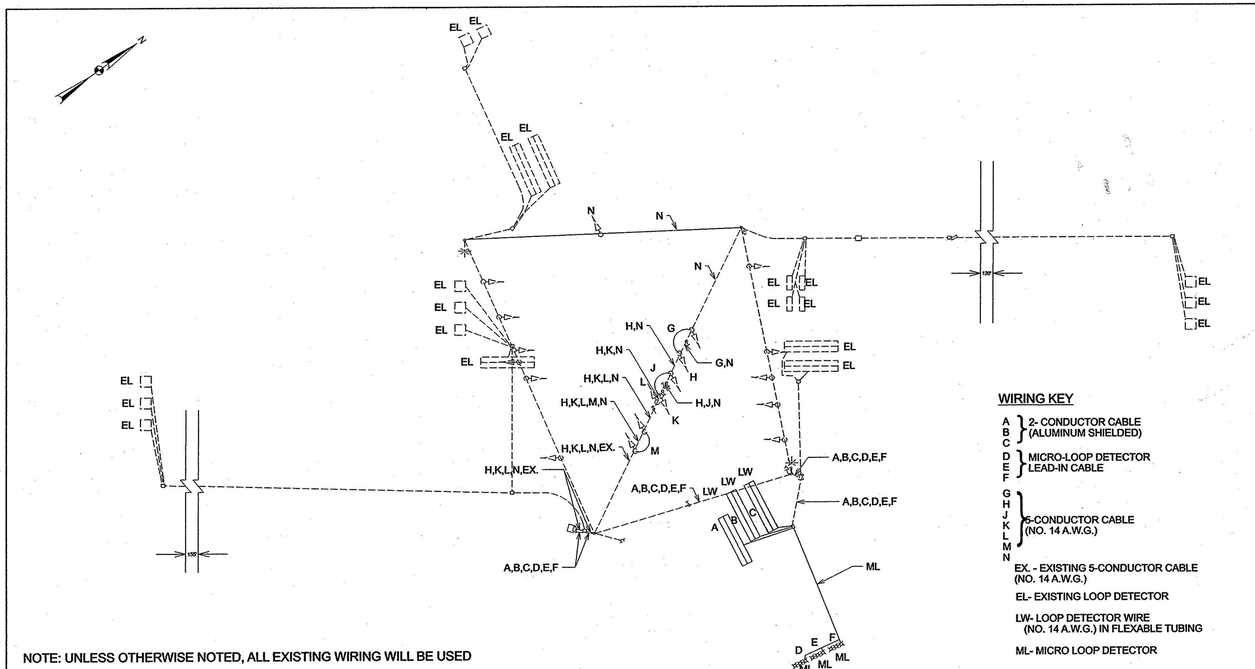
THE POWER COMPANY REPRESENTATIVE :
PEPCO
MR. RICHARD CHILCOAT
(301) 967-5805

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

SPECIFICATION

QUANTITY	UNITS	SECTION	DESCRIPTION
455	LF	815	SAWCUT FOR SIGNAL LOOP DETECTOR
1325	LF	810	LOOP WIRE ENCASED IN FLEXIBLE TUBING
1	EA	811	HANDHOLE
750	LF	810	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
40	LF	805	24 IN. WIDE HAPPTPM - WHITE FOR STOP LINE
1520	LF	-	5 IN. YELLOW LINE - PAINT
695	LF	-	5 IN. WHITE LINE - PAINT
3	EA	-	MICRO-LOOP DECTECTOR (SET OF 3) WITH 500' OF LEAD-IN WIRE
	LF	-	ELECTRICAL CABLE-5 CONDUCTOR (NO. 14 A.W.G.)



NOTE: UNLESS OTHERWISE NOTED, ALL EXISTING WIRING WILL BE USED

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20-21
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	
Phase 1 + 5	G	R	G	R	R	G	R	G	G	R	R	R	R	R	R	R	R	R	R	DW
1 + 5 Change to Phase 1 & 6 or Phase 2 & 5 or Phase 2& 6																				
Phase 1 + 6	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW
1 Change	Y	G	Y	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	DW
Phase 2 & 5	R	R	R	R	R	G	G	G	G	G	G	R	R	R	R	R	R	R	R	DW
5 Change	R	R	R	R	R	Y	G	Y	Y	G	G	R	R	R	R	R	R	R	R	DW
Phase 2 & 6	R	G	R	G	G	R	G	R	R	G	G	R	R	R	R	R	R	R	R	DW
2 & 6 Change	R	Y	R	Y	Y	R	Y	R	R	Y	Y	R	R	R	R	R	R	R	R	DW
Phase 3 & 7	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	G	G	R	R	DW
3 & 7 Change to Phase 4 & 7 or Phase 4 & 8																				
Phase 3 & 8	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	R	R	R	R	DW
3 & 8 Change	R	R	R	R	R	R	R	R	R	R	R	Y	Y	G	G	R	R	R	R	DW
Phase 4 & 7	R	Y	R	Y	Y	R	Y	R	R	R	R	R	R	R	R	G	G	G	G	DW
4 & 7 Change	R	Y	R	Y	Y	R	Y	R	R	R	R	R	R	R	R	Y	Y	G	G	DW
Phase 4 & 8	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	G	G	DW
4 & 8 Change	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	R	R	Y	Y	DW
Phase Alt 4 & 8	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	G	G	WK
Ped Clearance	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	G	G	FL/DW
Alt 4 & 8 Change	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	R	R	Y	Y	DW
Pre-Emption	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	DW
Pre-Ep. Change	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	DW
FLASHING OPERATION	FL/R R	FL/Y	FL/R R	FL/Y	FL/Y	FL/R R	FL/Y	FL/R R	FL/R R	FL/Y	FL/Y	FL/R R	FL/R R	FL/Y	FL/Y	FL/Y	FL/R R	FL/R	FL/R	DARK

REVISIONS
F. 06/2004 – REVISED FOR NEW GEOMETRICS ALONG EAST LEG SHA. NO. EW0504462
JAB ADO
E. 06/2003– AS BUILT: INSTALL PEDESTRIAN SIGNALS & CROSSWALK ACROSS NORTH LEG OF MD 210 SHA. NO. OT200
D. 02/2000– INSTALL OPTICOM DETECTOR EYE FOR E/B MD 373 SHA. NO. XX1005185
CEI
C. 04/1997– REVISED DUE TO WB DOUBLE LEFT TURN SHA. NO.
TMZ

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL PLAN ON FILE

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

MD 210 AT MD 373
NORTH ACCOKEEK, MD.
GENERAL INFORMATION

DRAWN BY: T.ZAYDEL	F.A.P. NO.	TS NO. TS-556 F	SHEET NO.
CHECKED BY: K.SCHMID	S.H.A. NO. 23854T2502891		
SCALE: NO SCALE	COUNTY: PRINCE GEORGE'S	T.I.M.S. NO. G523	2 OF 2
DATE: 4-18-97	LOG MILE: 16021033.39		

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THIS REVISION "F" WAS A DEVELOPER PROJECT THAT WAS APPROVED BUT NEVER CONSTRUCTED