PROJECT DESCRIPTION

I. GENERAL

This project involves the modification of the traffic control signal at the intersection of MD 214 (Central Ave.) at MD 193 (Enterprise Rd.) and MD 556 (Watkins Park Dr.) in Prince George's County, Maryland.
MD 214 is considered to run in an east/west direction.

II. INTERSECTION OPERATION

Northbound MD 556 (Watkins Park Dr.) widen to include second thru lane.
The intersection operation is to remain unchanged.

Existing cabinet and controller are to be utilized.

EQUIPMENT LIST

A. S.H.A. furnished equipment material.

None.

B. Equipment to be furnished and installed by the Contractor.
All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
1	EA	813	30 in. x 36 in. R 3-5(L) sign with mast arm mounting hardware.
2	EA	811	Handhole.
495	LF	815	Sawcut for signal loop detector.
1955	LF	810	Loop detector wire (No. 14 A.W.G.) encased in flexible tubing.
140	LF	810	2-conductor (aluminum shielded) electrical cable (No. 14 A.W.G.).
30	LF	810	5-conductor electrical cable (No. 14 A.W.G.).
270	LF	810	7-conductor electrical cable (No. 14 A.W.G.).
10	LF	805	1 in. liquid tight flexible non-metallic conduit for loop detector sleeve.
20	LF	805	3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
55	LF	805	4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
46	LF	549	24 in. wide HAPPTPM - white for stop line.
150	SF	---	Remove/Replace concrete in island.
Lump Sum	LS	---	Relocate existing signal equipment.
Lump Sum	LS	---	Remove and dispose of existing signal equipment.
Lump Sum	LS	---	As-built for S.H.A. [on CADD].

CONTACT LIST

The contact persons for District #3 are as follows:

Mr. Majib 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

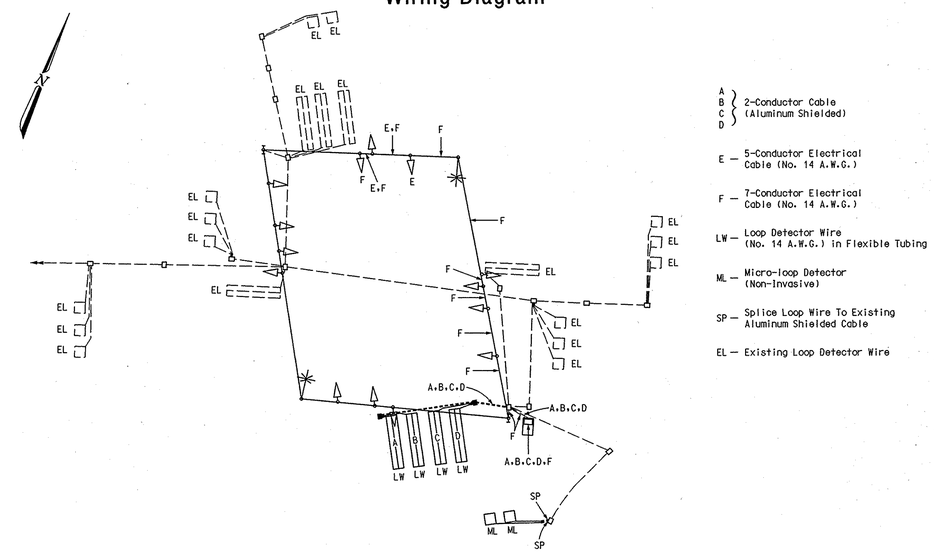
Mr. Richard L. Daff
Chief, Traffic Operations Division
410-787-7630

The Power Company Representative is:

Phase Chart

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Phase 1 & 5	G	G	R	R	G	G	R	R	R	R	R	R	R	R
1 & 5 Change to Phase 1 & 6 or Phase 2 & 5 or Phase 2 & 6														
Phase 1 & 6	G	G	G	G	R	R	R	R	R	R	R	R	R	R
1 Change	Y	Y	G	G	R	R	R	R	R	R	R	R	R	R
Phase 2 & 5	R	R	R	R	G	G	G	G	R	R	R	R	R	R
5 Change	R	R	R	R	Y	Y	G	G	R	R	R	R	R	R
Phase 2 & 6	R	R	G	G	R	R	G	G	R	R	R	R	R	R
2 & 6 Change	R	R	Y	Y	R	R	Y	Y	R	R	R	R	R	R
Phase 3	R	R	R	R	R	R	R	R	G G	G G	G	R	R	R
3 Change	R	R	R	R	R	R	R	R	Y	Y	Y	R	R	R
Phase 4	R	R	R	R	R	R	R	R	R	R	R	G G	G G	G
4 Change	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y
Flashing Operation	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

Wiring Diagram



The Traffic Group
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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(General Information Plan)
MD 214 (Central Ave.) at MD 193 (Enterprise Rd.)

DRAWN BY:	F. Brownley	F.A.P. NO.	PG401A51/B51	TS NO. 1297F	SHEET NO.
CHECKED BY:		S.H.A. NO.			
SCALE:	N/A	COUNTY:	Prince George's	T.I.M.S. NO. E448	2 OF 2
DATE:	March 7, 2006	LOG MILE:	16019317.31		

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