

FHWA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.	SEE TITLE SHEET		

Intersection Operation

The existing phasing, cabinet, and controller are to be utilized.

Construction Details

- A. Install handhole.
- B. Install 1 in. galvanized steel conduit for loop detector sleeve.
- C. Conduit to be installed for interconnect. Refer to interconnect plans.
- D. Install 4 in. polyvinyl chloride (Schedule 80) electrical conduit – slotted.
- E. Use existing loop detector sleeve.
- F. Install 6 ft. x 30 ft. quadropole type vehicle loop detector (2–4–2 turns).
- G. Use existing handhole and splice new loopwire to existing 2–conductor aluminum shielded cable.
- H. Use existing span wire, traffic signal heads and sign. Relocate signal head and sign as shown.
- J. Use existing span wire traffic signal heads and sign. Relocate existing sign, unbag and relocate existing signal heads as shown. Remove existing polycarbonate signal heads.
- K. Install 24 in. preformed white pavement marking for stop line.
- L. Re–splice existing loop detector to existing 2–conductor aluminum shielded cable.

Equipment List "B"

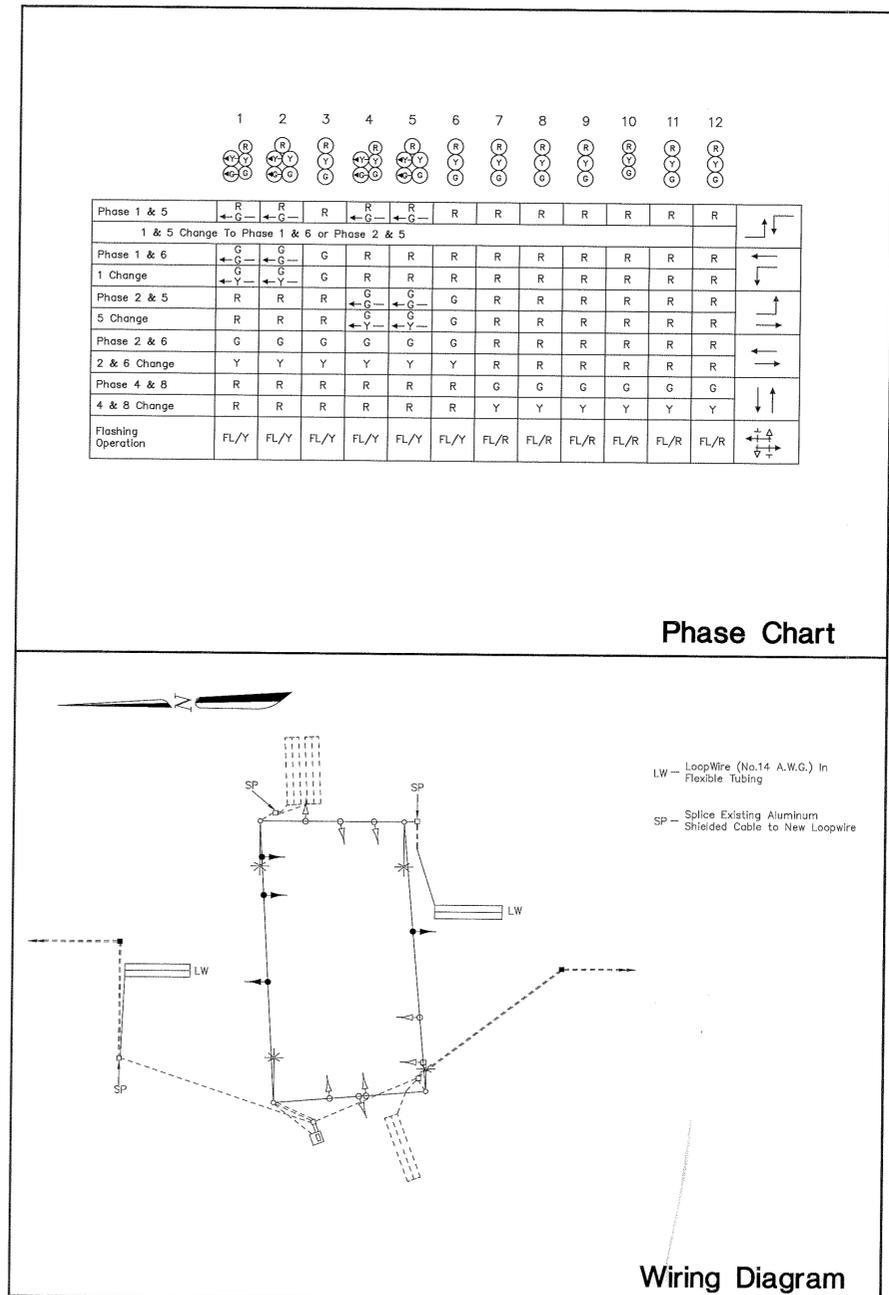
Equipment to be furnished and/or installed by Contractor.

Quantity	Unit	Description
45	LF	24 in. preformed white pavement marking for stop line.
2	EA	Handhole.
275	LF	Sawcut for signal loop detector.
725	LF	Loop detector wire (No. 14 A.W.G.) encased in flexible tubing.
10	LF	1 in. galvanized steel conduit for loop detector sleeve.
130	LF	4 in. polyvinyl chloride (Schedule 80) electrical conduit – slotted.
2	EA	Ground rod – 3/4 in. diameter x 10 ft. length.
4	EA	Relocate existing traffic signal head – span wire mount.
4	EA	Loop detector splice.
21	SF	Relocate existing sheet aluminum signing – overhead mount.
LS	LS	Removal of existing traffic signal equipment.

Equipment List "C"

Equipment to be removed by the contractor and delivered to the MCDOT Systems Technical Center, 1283 Seven Locks Road, Building "C", Rockville MD 20852. A twenty–four (24) hour notice is required prior to delivery. Contact Mr. Emil Wolanin at (301) 217–2208.

Quantity	Unit	Description
3	EA	Traffic signal head



Maintenance of Traffic
Phase 2, Stage 1

Sheet 9 of 52

Revision 'A'

A/E GROUP, INC.
CONSULTING ENGINEERS • PLANNERS
11409 GRONHILL DRIVE
OWINGS MILLS, MD. 21117
(410) 363-1908
A/E JOB NO: 94-264

REVISIONS	APPROVALS
	CHIEF, SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT – STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION SIGNAL # 15035517.95

DRAWN BY: N/A
DES. BY: S. Renzi
CHK. BY: N/A

**MD 355 at Gunners Branch Rd/
Fox Chapel S.C.**
COUNTY: MONTGOMERY

DATE: N/A F.A.P. NO. N/A TS/STD. NO. 3395A-X4-GI SHEET NO.
SCALE: N/A S.H.A. NO. N/A OF