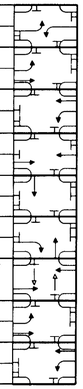
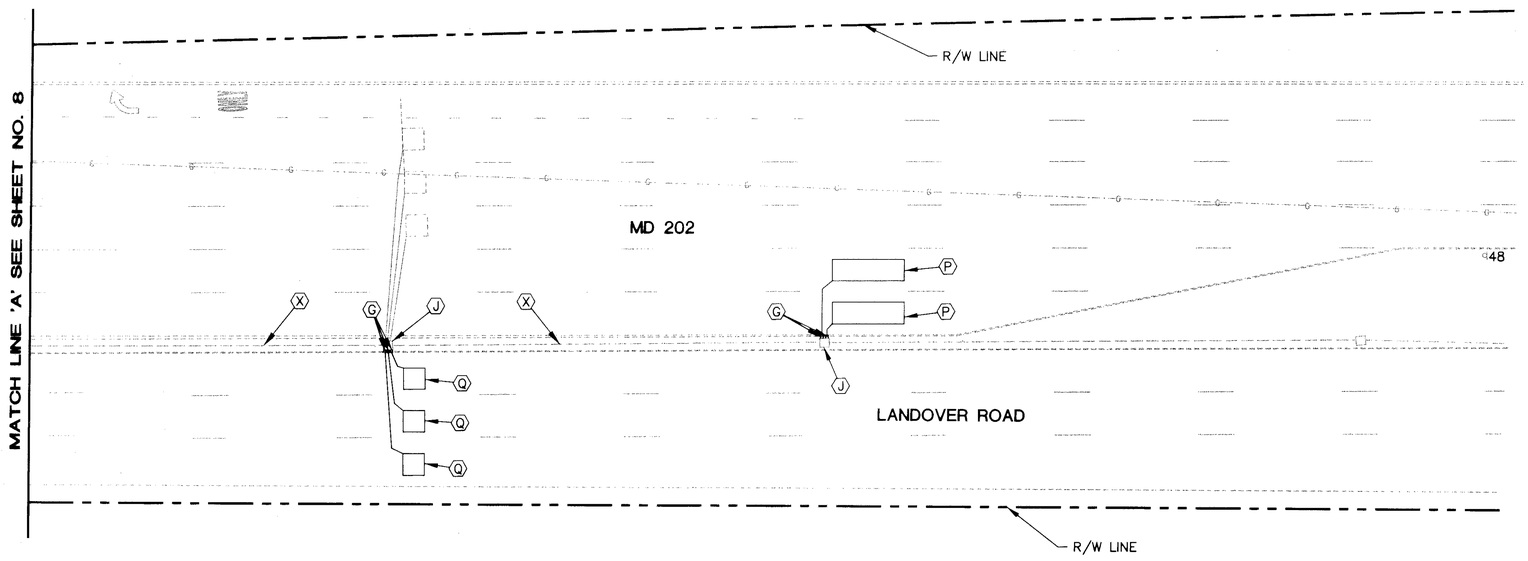
FHWA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.		9	12

MD 202 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PHASE 1+5	G	G	G	R	R	R	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R
1+5 CHANGE	TO PHASE 1+6 OR 2+5 OR 2+6																					
PHASE 1+6	G	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 2+5	R	R	R	R	R	R	G	G	G	G	G	R	R	R	R	R	R	R	R	R	R	R
5 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	R	R
PHASE 2+6	R	R	R	G	G	G	R	R	R	G	G	R	R	R	R	R	R	R	R	R	R	R
2+6 CHANGE	R	R	R	Y	Y	Y	R	R	R	Y	Y	R	R	R	R	R	R	R	R	R	R	R
PHASE 3	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G
3 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y
PHASE 4	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	G	G	G	R	R	R
4 CHANGE	R	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	Y	Y	R	R	R
FLASHING OPERATION	FL/ R	FL/ R	FL/ R	FL/ Y	FL/ Y	FL/ Y	FL/ R	FL/ R	FL/ R	FL/ Y	FL/ Y	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R	FL/ R
FIREHOUSE PRE-EMPTION PHASE A	G / Y	G / Y	G / Y	G / Y	G / Y	G / Y	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R
FIREHOUSE PRE-EMPTION PHASE B	R / R	R / R	R / R	R / R	R / R	R / R	G / Y	G / Y	G / Y	G / Y	G / Y	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R	R / R



CASE 1 (NORMAL), CASE 2 (PRE-EVENT) AND CASE 3 (POST-EVENT) PHASING DIAGRAM



EQUIPMENT LISTS

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

QUANTITY	UNIT	DESCRIPTION
3	EA	DETECTOR AMPLIFIER 4-CH. RACK MOUNT
2	EA	12 INCH ONE-WAY, THREE-SECTION (R, Y, G) TRAFFIC SIGNAL HEAD HAVING PROPER ADJUSTABLE SPAN WIRE MOUNTING BRACKET, BALANCE ADJUSTERS AND TUNNEL VISORS

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

QUANTITY	UNIT	DESCRIPTION
2	EA	INSTALL SIGNAL HEAD (ANY TYPE)
68	SF	FURNISH AND INSTALL FIBEROPTIC BLANK-OUT SIGN
10	EA	FURNISH AND INSTALL HANDHOLE
60	LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
90	LF	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED)
1800	LF	FURNISH AND INSTALL 2 IN. SCHEDULE 40 RIGID PVC CONDUIT (TRENCHED)
4700	LF	FURNISH AND INSTALL LOOP WIRE (NO. 14 A.W.G.) ENCASED IN 1/4 IN. FLEXIBLE TUBING
4200	LF	FURNISH AND INSTALL 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED, NO. 14 A.W.G.)
2300	LF	FURNISH AND INSTALL 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
500	LF	FURNISH AND INSTALL 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
2500	LF	FURNISH AND INSTALL 12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND)
1400	LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
1	EA	AS BUILT FOR TRAFFIC SIGNAL (ON CAD) (MICROSTATION)
2	EA	RELOCATE EXISTING SIGNAL HEAD

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
	STORM DRAIN
TV — TV	CABLE TELEVISION
E — E	ELECTRIC CABLES
T — T	TELEPHONE CABLES
A — A	AERIAL CABLES

REVISION "C"
A/E GROUP, INC.
ENGINEERS • PLANNERS
181 East Main Street
Westminster, Maryland 21158
A/E Job No. 96-316

REVISIONS
(C) 04-07-97 RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES. J.F.L.
(B) 4-10-91 INSTALL OPTICOM EQUIPMENT, REPLACE LOOP, AND AS-BUILT. SHA NO.
(A) 2-4-89 RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES. SHA NO. BW-230-802-312

APPROVALS

ORIGINAL ON FILE

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

FINAL TRAFFIC SIGNAL

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION SIGNAL • 16020210.05

DRAWN BY: J. GORDAN
DES. BY:
CHK. BY:

MD 202 (LANDOVER RD.) AND BRIGHTSEAT RD.

GENERAL INFORMATION COUNTY: PRINCE GEORGE'S

DATE: 3/13/78 F.A.P. NO. T-8006 (26)
SCALE: 1" = 20' S.H.A. NO. P-346-1-385

TS/STD. NO. 880 C-GI

SHEET NO. 9 OF 12