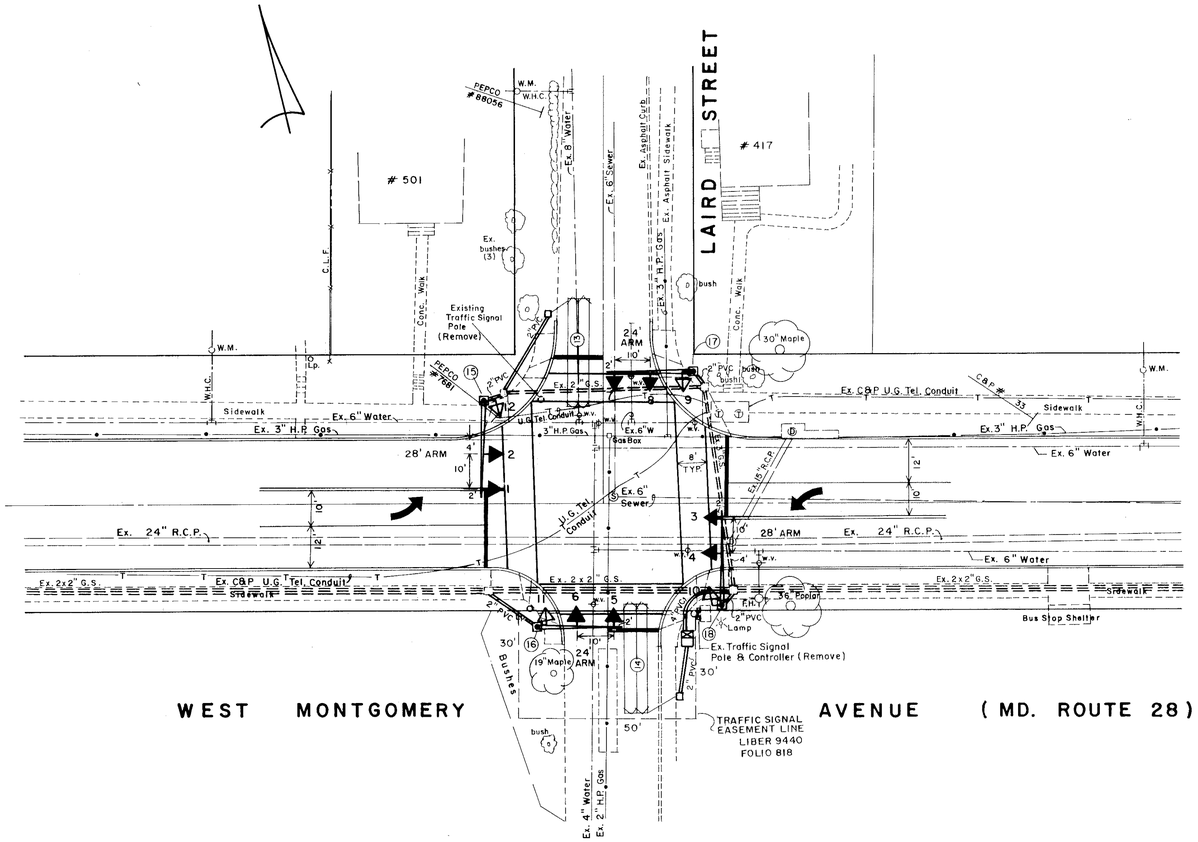
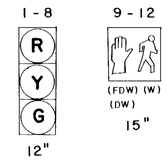


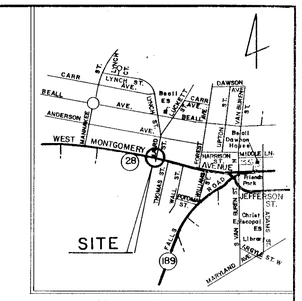
SIGNAL FACES



SIGNS

PLAN #	MUTCD REF.	LEGEND

(No Signs this Plan)



VICINITY MAP
1" = 1500'

GENERAL NOTES

1. NOTIFY "MISS UTILITY" (800-257-7777) (5) DAYS BEFORE COMMENCING WORK.
2. FOR WATER AND SEWER LINES, NOTIFY CITY OF ROCKVILLE DEPARTMENT OF PUBLIC WORKS, 424-8000, EXT. 421, FIVE (5) DAYS PRIOR TO BEGINNING WORK.
3. SOD ALL AREAS DENUDED BY CONSTRUCTION AS DIRECTED IN FIELD.

SPECIAL NOTES

1. PAVEMENT MARKINGS BY OTHERS IN ACCORDANCE WITH SHA STANDARDS.
2. SPECIFIC LOCATION OF ALL POLES, HANDBOXES, SIGNAL HEADS, CONTROLLERS, DETECTORS, PUSHBUTTONS TO BE APPROVED BY ENGINEER IN FIELD.
3. ALL DETECTORS ARE CENTERED IN TRAFFIC LANE UNLESS NOTED OTHERWISE.
4. PAVEMENT MARKINGS SHALL BE INSTALLED AFTER THE INSTALLATION OF CONDUIT AND LOOP DETECTORS.

DETECTOR SCHEDULE

NUMBER	SIZE / TYPE	CALLS PHASE
13	6'x30' QUADRUPOLE	4
14	" " "	8
15, 16	PED. PUSHBUTTON	4
17, 18	PED. PUSHBUTTON	8

SIGNAL PHASING
(STANDARD NEMA)

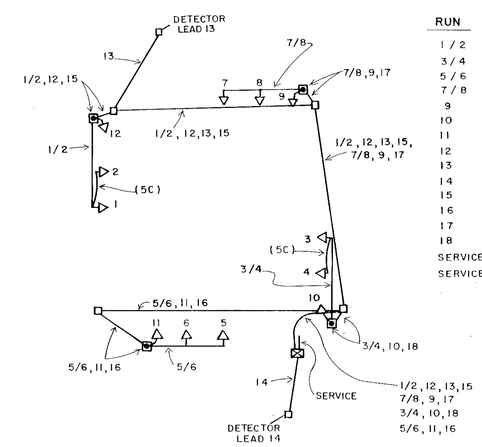
02/06 (RECALL) 04/08 (DUAL ENTRY)

SIGNAL FACE	Ø6	Ø2		Ø4		Ø8		FLASH
1-4	G	Y	R	R	R	R	R	Y
5-8	R	R	R	G	G	Y	R	R
9-12	DW	DW	DW	W (1)	FDW (1)	DW	DW	—

CONDITIONAL INTERVALS

(1) DW IF NO PED CALL

WIRING DIAGRAM



RUN	CABLE	EST. LENGTH (FT.)
1 / 2	7C	200
3 / 4	7C	80
5 / 6	5C	160
7 / 8	5C	135
9	3C	110
10	3C	50
11	3C	135
12	3C	170
13	2CS	175
14	2CS	20
15	2C	165
16	2C	130
17	2C	105
18	2C	45
SERVICE	2C#8 (DISCONNECT TO CONTROLLER)	
SERVICE	3C#4 (METER PAN TO DISCONNECT)	

SYMBOL KEY

- Controller
- Strain Pole
- Vehicle Signal Head
- Pedestrian Signal Head
- Handbox (Proposed)
- Handbox (by others)
- Conduit (Proposed)
- Conduit (by others)
- Span Wire

STATE OF MARYLAND — JOSEPH KOTEK — No. 10-11-1

STATE HIGHWAY ADMINISTRATION APPROVALS

checked by Erin 11/16/90
for CHIEF, SIGNAL DESIGN SECTION 11-16-90

ASST. DISTRICT ENGINEER, TRAFFIC

11-20-90
CHIEF, TRAFFIC ENGINEERING DIVISION

11/22/90
DEPUTY CHIEF ENGINEER, TRAFFIC

TS#1334C
11/23/90
15002821.47

BID NO.--

NO.	REVISIONS	APP'D	DATE

ROCKVILLE

DESIGNED J.C.
TRACED MB
CHECKED J.C.

APPROVED _____ DATE
DIRECTOR OF PUBLIC WORKS

GRAD. ___ PAV. ___ SD ___ W ___ S ✓ OTHER ___

DEPARTMENT OF PUBLIC WORKS
CITY OF
ROCKVILLE
MARYLAND AT VINSON ROCKVILLE, MARYLAND

DATE PROJECT STARTED
DATE PROJECT COMPLETED
DATE ACCEPTED BY CITY
DATE TRANS. TO FINANCE DEPT., W/R 9 FORM

AS BUILT COMPLETED _____ DATE
CHIEF INSPECTOR

PREPARED BY:
ENGINEERING DIVISION
DEPT. OF PUBLIC WORKS
CITY OF ROCKVILLE, MD.

TRAFFIC SIGNAL INSTALLATION
- INTERSECTION OF -
WEST MONTGOMERY AVE./ LAIRD ST.

DATE September, 1989
JOB NO. 7Q11
SCALE 1" = 20'
DRAWING NO. 1 OF 1
FILE TS-3120