

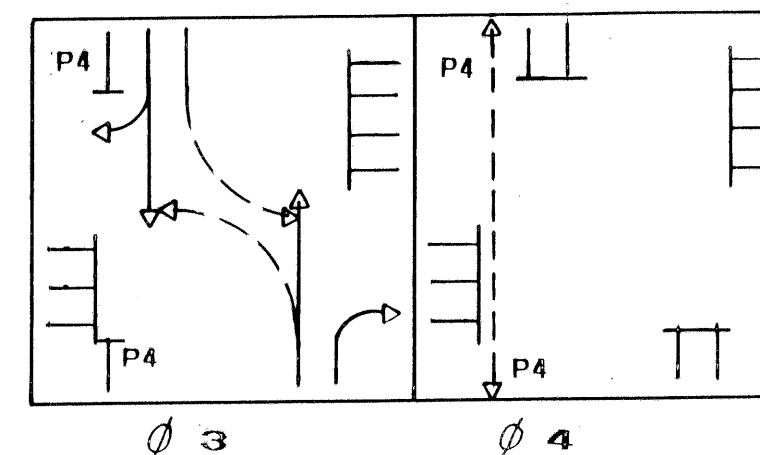
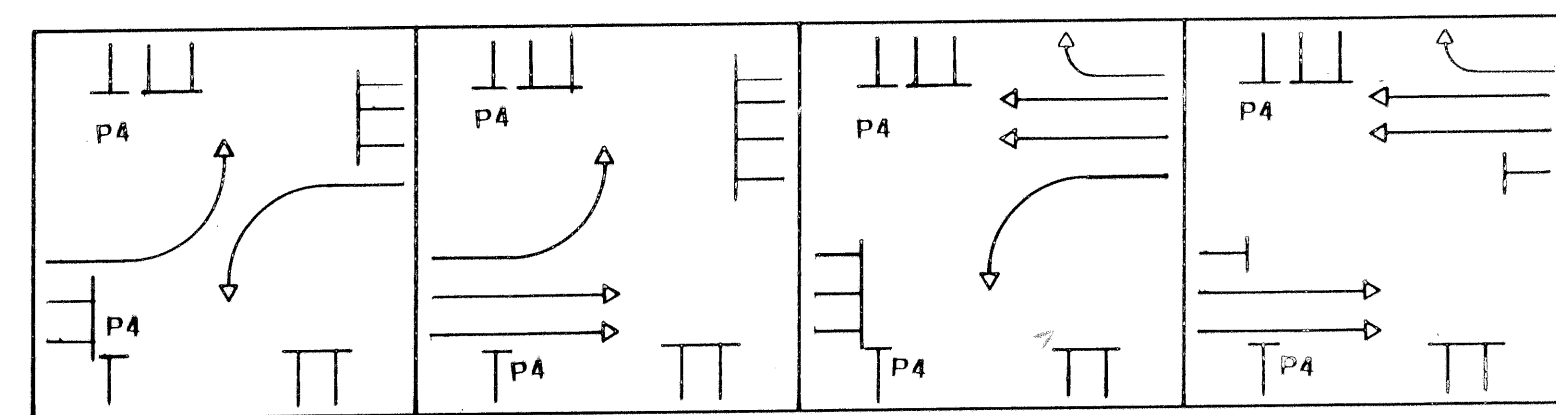
66

SUPERVISED BY *B.L. Parker*
DESIGNED BY *C.W. Mangas*

PLAN
NOTEBOOK
NO.

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
	3	VA.		11	0011-080-F05,C-502	13-1



PHASING DIAGRAM
(not to scale)

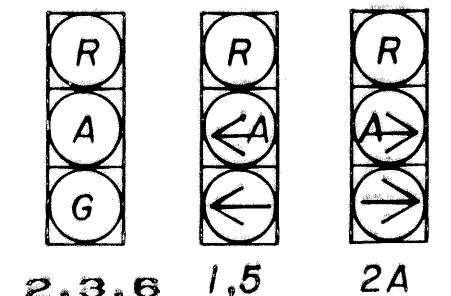
S I G.	PHASE						COMBINATION				F L H.
	1	2	3	4	5	6	1-5	1-6	2-5	2-6	
1	←	R	R	DW	R	R	←	←	R	R	R
2	R	←	R	R	R	R	R	R	←	←	←
3	R	R	←	DW	R	R	R	R	R	R	R
4	R	R	R	←	R	R	R	DW	R	DW	DW
5	R	R	R	DW	←	R	←	←	R	←	R
6	R	R	R	DW	R	←	R	←	R	←	R

DW - DENOTES DOWNTOWN WALK
W - DENOTES WALK

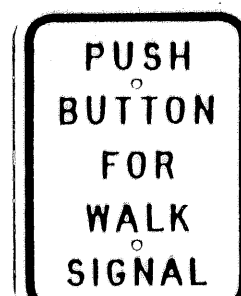
CLEARANCE CHART

R/W	CLEAR-ANCE	NEXT Ø
1	2	R/W
←	←	R
G	A	R
G	A	R
→	→	R

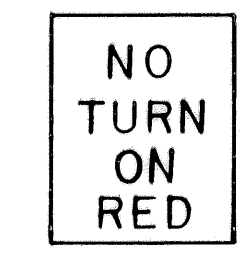
SIGNAL HEAD DETAILS



(not to scale)



S-3

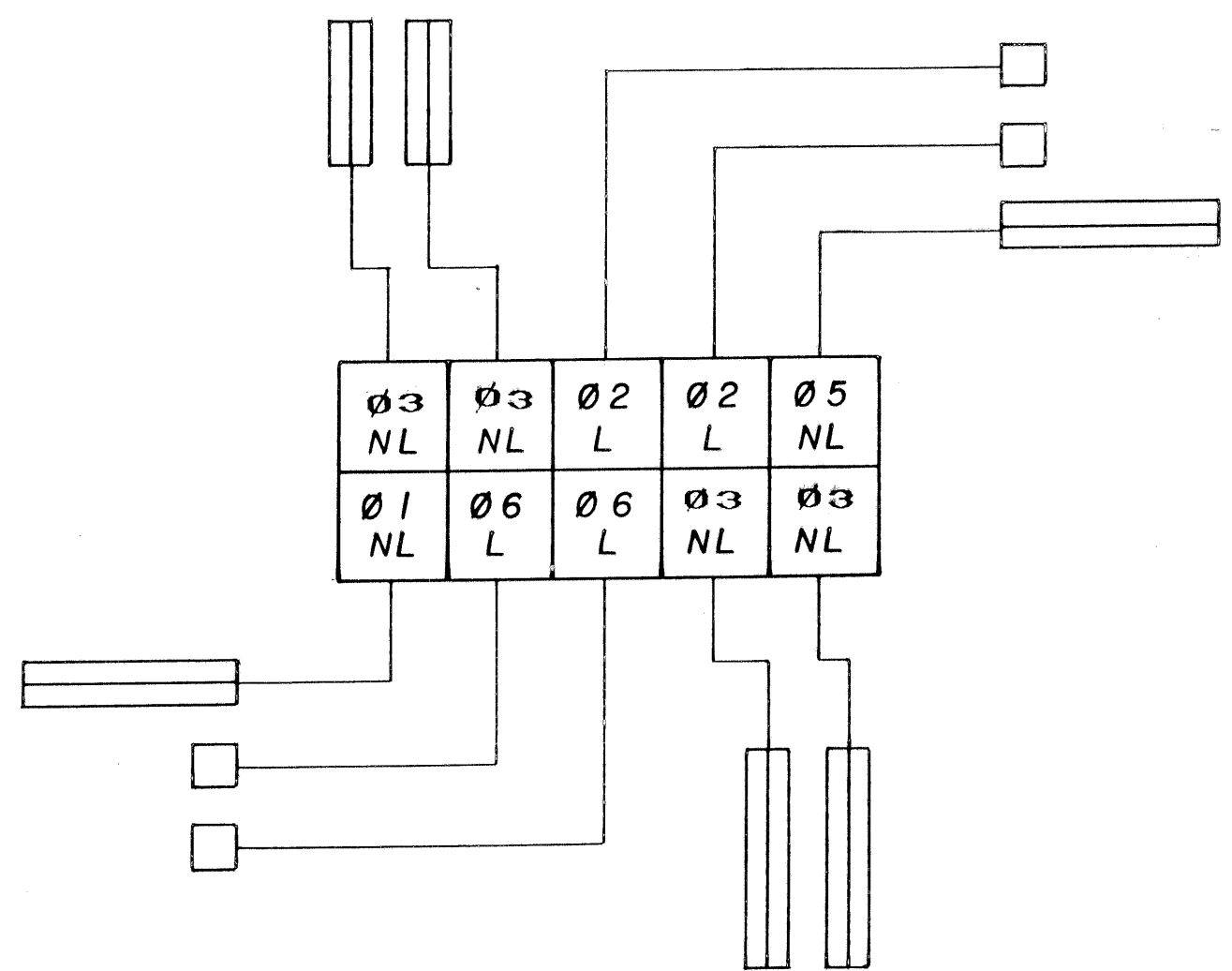


S-1



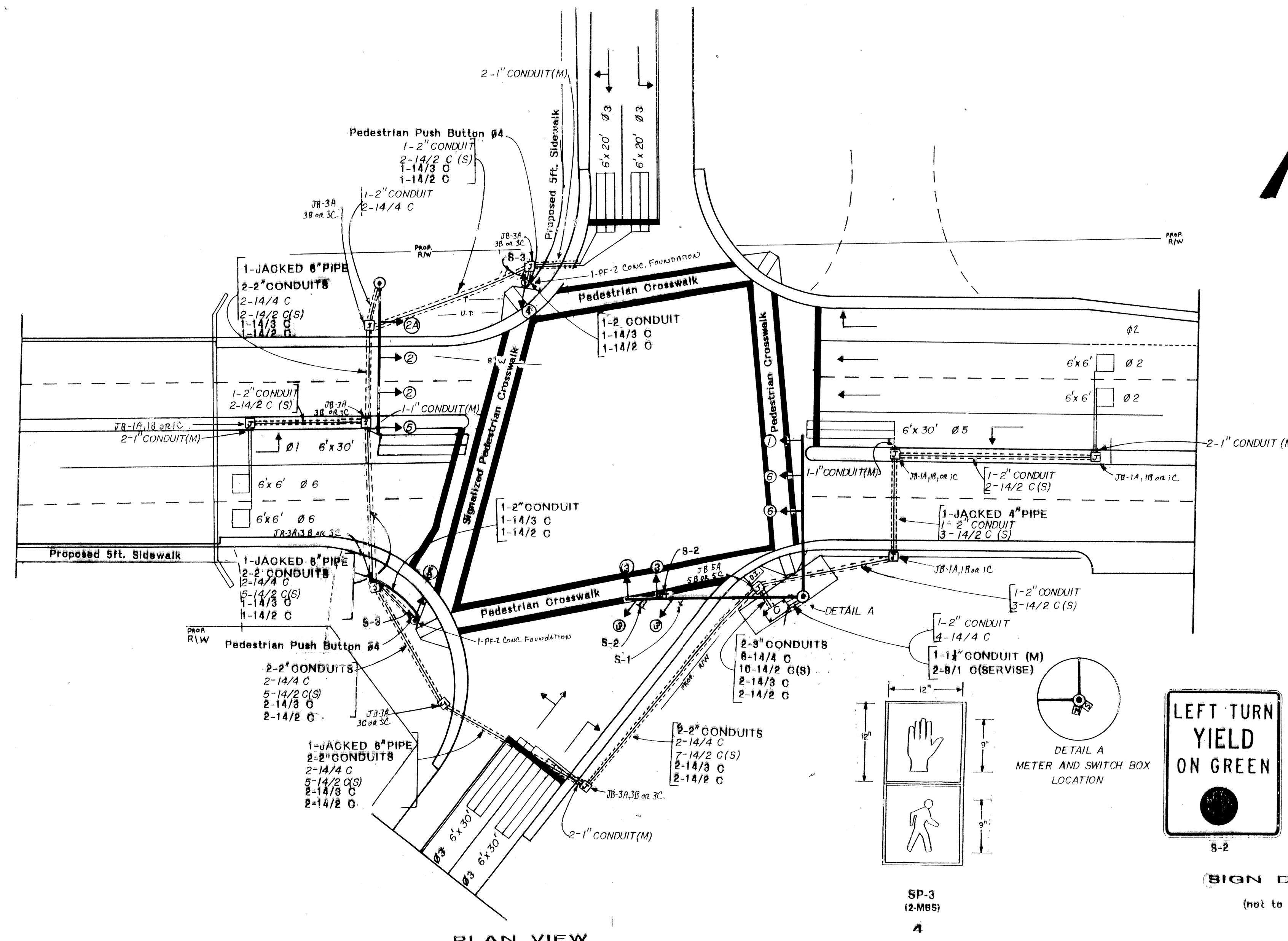
S-2

SIGN DETAILS
(not to scale)



DETECTOR SYSTEM DETAILS
(not to scale)

Ø 7 NL = LOOP AMPLIFIER
L = LOCKED
NL = NON-LOCK



PLAN VIEW

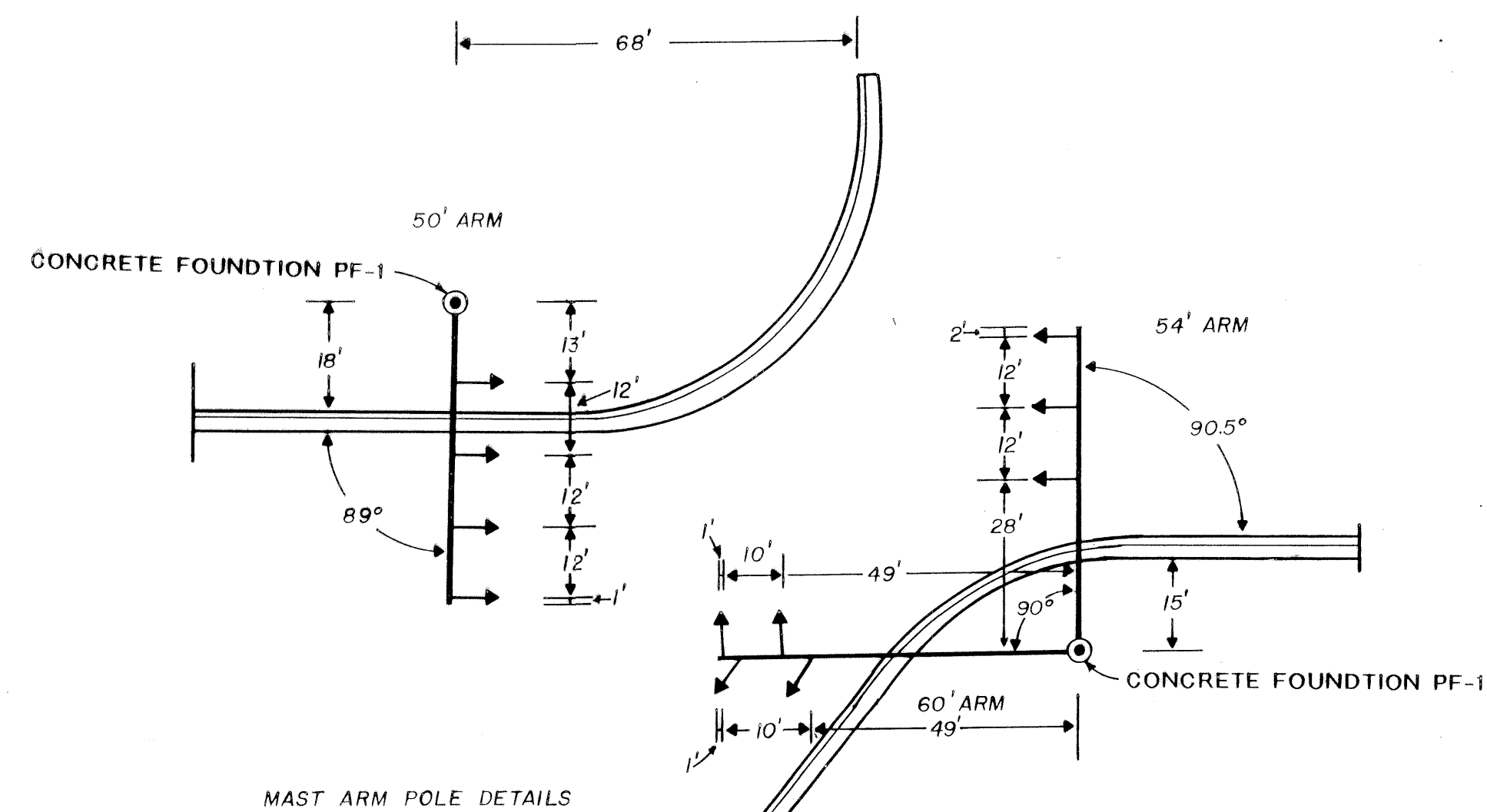
PEDESTRIAN SIGNAL INDICATION DETAILS
(not to scale)

LEGEND

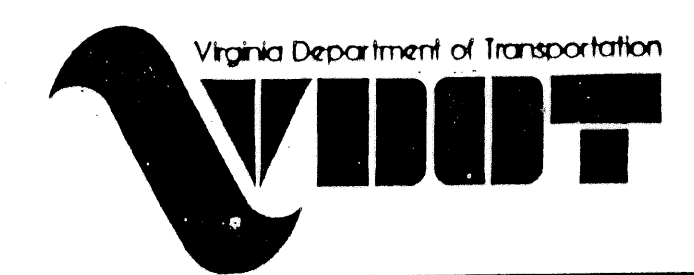
- C - DENOTES CONDUCTOR CABLE
- (S) - DENOTES CABLE SHALL BE SHIELDED
- (M) - DENOTES METAL CONDUIT
- - MAST ARM METAL SIGNAL POLE
- - JUNCTION BOX
- ⊞ - SERVICE METER
- ⊞ - SERVICE SWITCH BOX
- ⊞ - CONTROL CABINET
- - CONDUIT
- ===== - CONDUIT WITH CABLE
- ===== - QUADRAPOLE LOOP DETECTOR
- - 6'x6' LOOP DETECTOR

NOTES

For notes pertaining to standards and specifications see sheet number 2 of these plans.



MAST ARM POLE DETAILS



TRAFFIC SIGNAL PLANS
INTERSECTION ROUTE
11 AND
HOLLINS COLLEGE
ROANOKE COUNTY

SCALE 1" = 25'

Salem District
Designed By: *C.W. Mangas*
Drawn By: *C.W. Mangas & K.A. Murphy*
Checked By: *R.C. Parker*