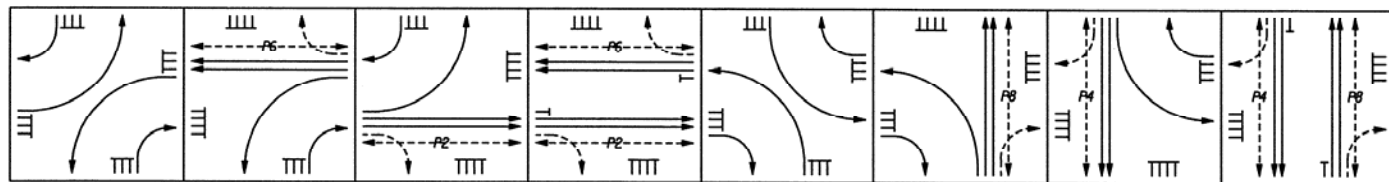


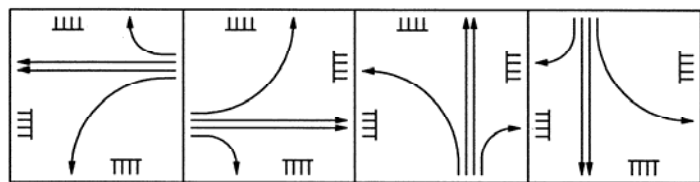
SURVEYED BY \_\_\_\_\_  
 SUPERVISED BY \_\_\_\_\_  
 DESIGNED BY \_\_\_\_\_

Section IV - Traffic Signals

PHASING DIAGRAM



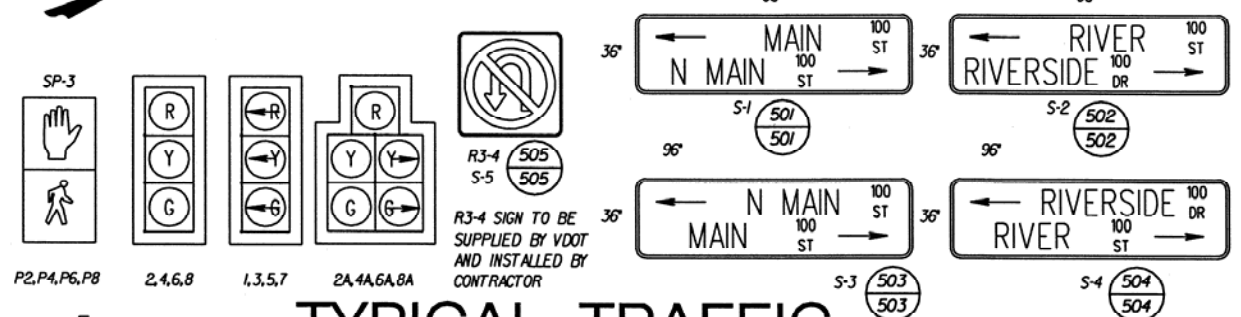
PREEMPTION PHASING DIAGRAM



REVISED	FHWA REGION	STATE	FEDERAL AID	ROUTE	STATE

SIGNS AND SIGNALS

Appendix IV A-5



TYPICAL TRAFFIC SIGNAL PLAN SHEET

CLEARANCE CHART

R/W	CLEARANCE		NEXT PHASE
	1	2	
←G	→G	→G	→G
←G	→Y	→R	→R
G	G	G	G
G	Y	R	R
R	R	R	R
R	Y	R	R
R	G	R	G
W	FDW	DW	DW

SIGNAL POLE LEGEND:

ALL DIMENSIONS ARE FROM  $\phi$  OF POLE TO THE CENTER OF THE MEASURED OBJECT.

- (A) COMBINATION LUMINAIRE MAST ARM POLE  
 48' LT. STA. 24+69 MAIN ST. @ (C)  
 68' ARM 90° ANGLE TO MAIN ST. @ (C)  
 SIGNAL PLACEMENTS: 22', 37', 51', 67'  
 SIGN PLACEMENTS: 8', 57'  
 LUMINAIRE ARM 0° ANGLE TO MAIN ST. @ (C)  
 23' MOUNTING HEIGHT
- (B) COMBINATION LUMINAIRE MAST ARM POLE  
 57' LT. STA. 17+22 RIVERSIDE DR. @  
 52' ARM 90° ANGLE TO RIVERSIDE DR. @  
 SIGNAL PLACEMENTS: 18', 28', 40', 51'  
 SIGN PLACEMENTS: 13', 47'  
 LUMINAIRE ARM 0° ANGLE TO RIVERSIDE DR. @  
 LUMINAIRE ARM 90° ANGLE TO RIVERSIDE DR. @  
 23' MOUNTING HEIGHT
- (C) COMBINATION LUMINAIRE MAST ARM POLE  
 47' RT. STA. 26+91 MAIN ST. @ (B)  
 64' ARM 270° ANGLE TO MAIN ST. @ (B)  
 SIGNAL PLACEMENTS: 30', 42', 54', 63'  
 SIGN PLACEMENTS: 15', 59'  
 LUMINAIRE ARM 180° ANGLE TO MAIN ST. @ (B)  
 LUMINAIRE ARM 270° ANGLE TO MAIN ST. @ (B)  
 23' MOUNTING HEIGHT
- (D) COMBINATION LUMINAIRE MAST ARM POLE  
 67' RT. STA. 18+72 RIVER ST. @  
 64' ARM 270° ANGLE TO RIVER ST. @  
 SIGNAL PLACEMENTS: 30', 42', 54', 63'  
 SIGN PLACEMENTS: 15', 58'  
 LUMINAIRE ARM 180° ANGLE TO RIVER ST. @  
 23' MOUNTING HEIGHT
- (E) PROP. 8' PEDESTAL POLE  
 31' LT. STA. 25+68 MAIN ST. @ (B)
- (F) PROP. 8' PEDESTAL POLE  
 37' LT. STA. 26+20 MAIN ST. @ (C)
- (G) PROP. 8' PEDESTAL POLE  
 26' RT. STA. 27+22 MAIN ST. @ (B)

COLOR SEQUENCE CHART

SIGNAL	PHASES								COMBINATIONS								FLASH
	1	2	3	4	5	6	7	8	(1-5)	(1-6)	(2-5)	(2-6)	(3-7)	(3-8)	(4-7)	(4-8)	
1	←G									←G	←G						→R
2		G										G	G				Y
2A		G	R									G	G	R	R		Y
3				←G										←G	←G		→R
4					G											G	G
4A					G	R										G	G
5							←G							←G	←G		→R
6						G						G	G				Y
6A						G	R					G	G	R	R		Y
7								←G						←G	←G		→R
8									G							G	G
8A									G	R	R					G	G
P2	DW	W	DW	DW	DW	DW	DW	DW	DW	DW	W	W	DW	DW	DW	DW	Blank
P4	DW	DW	DW	W	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	Blank
P6	DW	DW	DW	DW	DW	W	DW	DW	DW	DW	W	DW	DW	DW	DW	DW	Blank
P8	DW	DW	DW	DW	DW	DW	DW	W	DW	DW	DW	DW	DW	DW	W	DW	Blank

Blank boxes denote Red Indications.

REFERENCES  
(PLAN SHEETS & DETAILS)

ROADWAY	5
SIGNS	18(5)
LIGHTING	20X5)
PVMT MARKING	18(21)

TRAFFIC CONTROL DEVICE PLANS  
 INT. OF MAIN ST. AND ROUTE 58.  
 CITY OF DANVILLE

