

# **APPENDIX B:**

# **Traffic Signal Diagrams**



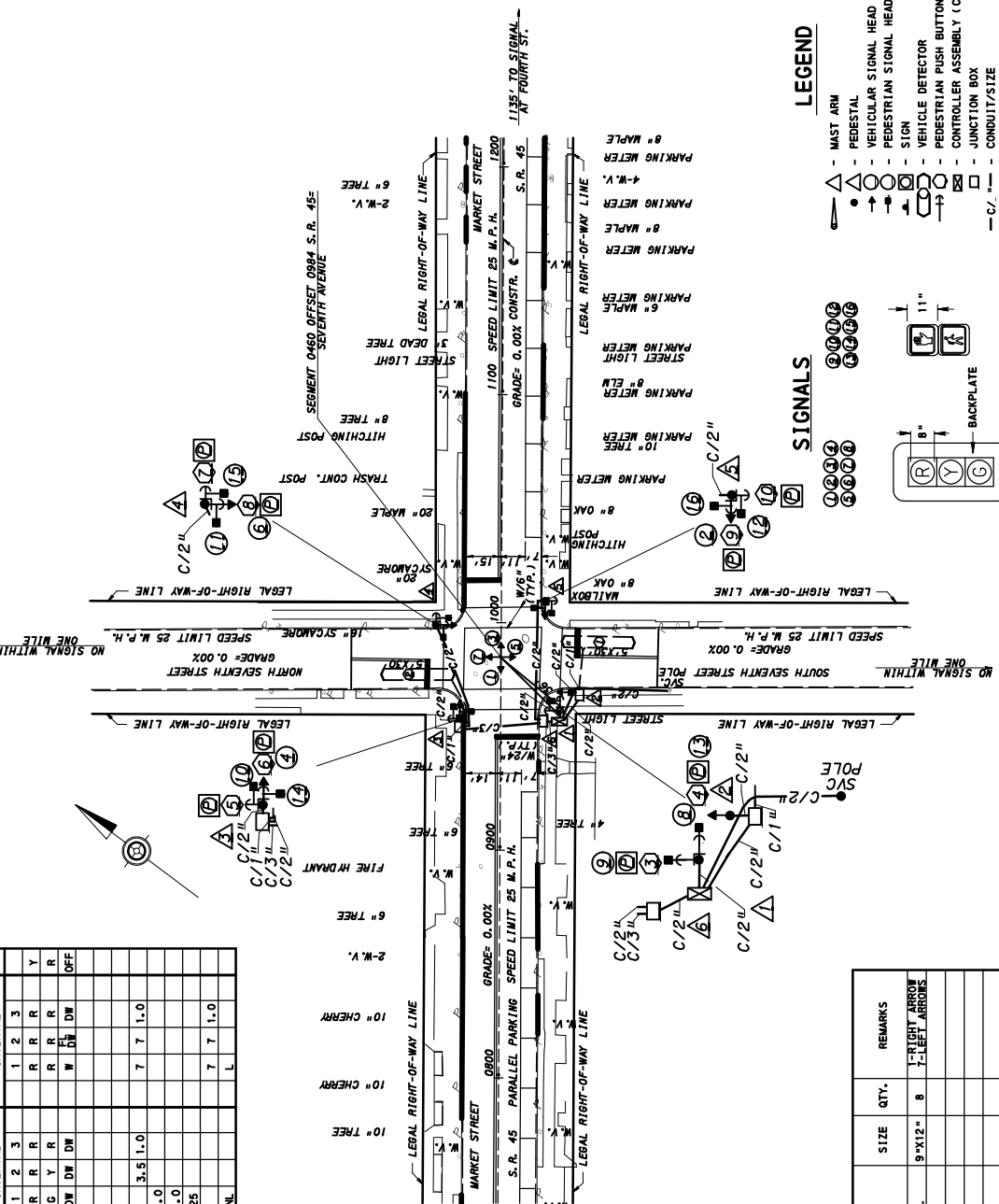




PERMIT NO. 15223-038 SHEET 2 OF 2  
 DATE ISSUED 5-27-98  
 REASON/COMMENTS  
 10-19-98 AS-BUILT PHASING SEQUENCE CHANGE

**GENERAL NOTES**  
 INSTALL, OPERATE AND MAINTAIN THIS TRAFFIC SIGNAL IN ACCORDANCE WITH ALL PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS, SPECIFICATIONS, AND STANDARD DRAWINGS, INCLUDING THE STANDARD DRAWING T-101. THIS SIGNAL IS PERMITTED UNLESS PRIOR APPROVAL IS GRANTED, IN WRITING, BY THE DEPARTMENT.  
 ALL MAINTENANCE NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS, INCLUDING TRIMMING TREES, IS THE RESPONSIBILITY OF THE PERMITTEE.  
 THE PERMITTEE INSTALLS AND MAINTAINS ALL SIGNS AND MARKINGS REQUIRED BY THE DEPARTMENT UNLESS OTHERWISE INDICATED. THE DEPARTMENT MAINTAINS TRADITIONAL PAVEMENT MARKINGS ON STATE HIGHWAYS.  
 INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. ALSO, INSTALL A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.  
 INSTALL SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY WITH THE BOTTOMS NOT LESS THAN 15 FEET NOR MORE THAN 19 FEET ABOVE THE ROADWAY.  
 INSTALL POST MOUNTED SIGNAL HEADS WITH BOTTOMS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.  
 INSTALL SIGNAL HEADS WITH A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET.  
 IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE MUST OBTAIN A HIGHWAY OCCUPANCY PERMIT FROM THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION PRIOR TO CONSTRUCTION. THIS DRAWING CANNOT BE USED AS A CONSTRUCTION PROVISIONS OF ACT 381. PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES WHICH COULD CAUSE PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

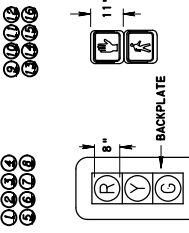
COUNTY: LEWISBURG BOROUGH  
 MUNICIPALITY: S. R. 45 (MARKET ST.)  
 AND SEVENTH AVENUE  
 REVIEWED: MUNICIPAL OFFICIAL DATE  
 RECOMMENDED: DISTRICT TRAFFIC ENGINEER DATE  
 SCALE: 0" = 25' 0" = 50' 0" = 75'



**LEGEND**

- △ - MAST ARM
- - PEDESTAL
- - VERTICAL SIGNAL HEAD
- - PEDESTRIAN SIGNAL HEAD
- - SIGN
- - VEHICLE DETECTOR
- - PEDESTRIAN PUSH BUTTON/SIGN
- - CONTROLLER ASSEMBLY (CA)
- - JUNCTION BOX
- - CONDUIT/SIZE
- W/6" - SOLID WHITE LINE/6"
- W/24" - SOLID WHITE LINE/24"

**SIGNALS**



**SIGNS**

SIGN STANDARD	DESCRIPTION	SIZE	QTY.	REMARKS
R10-4	PUSHBUTTON FOR WALK SIGNAL	9"x12"	8	T-RIGHT ARROW T-LEFT ARROW

ACTUATED	PHASE 2			PHASE 3			PHASE 4			EMERGENCY FLASHING
	1	2	3	1	2	3	1	2	3	
SIGNAL	G	Y	R	R	R	R	R	R	R	Y
	R	R	R	G	R	R	R	R	R	R
	DW	DW	DW	DW	DW	DW	DW	DW	DW	OFF
FIXED	3.5	1.0		3.5	1.0		7	7	1.0	
MINIMUM	30			2.0						
PASSAGE				5.0						
MAXIMUM	30			25						
PEDESTRIAN *				NL						
MEMORY										

\* UPON PEDESTRIAN ACTUATION ONLY CONTROLLER EQUIPPED WITH MANUAL PUSHBUTTON.