

GENERAL NOTES

INSTALLATION, OPERATION AND MAINTENANCE OF THIS TRAFFIC SIGNAL TO BE IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION REGULATIONS ON OFFICIAL TRAFFIC CONTROL DEVICES. NO MODIFICATIONS OF THIS INSTALLATION ARE 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.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND ARE TO BE INSTALLED AND MAINTAINED BY THE PERMITTEE, UNLESS OTHERWISE INDICATED, EXCEPT THE LONGITUDINAL PAVEMENT MARKINGS ON STATE HIGHWAYS WHICH WILL BE MAINTAINED BY THE DEPARTMENT.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 0.6 M BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS WILL HAVE A MINIMUM HORIZONTAL CLEARANCE OF 0.6 M.

THE BOTTOM OF SIGNAL HEADS AND SIGNS ERECTED OVER THE ROADWAY ARE NOT TO BE LESS THAN 4.5 M NOR MORE THAN 5.8 M ABOVE THE ROADWAY. THE BOTTOM OF POST MOUNTED SIGNAL HEADS ARE TO BE NOT LESS THAN 2.4 M NOR MORE THAN 4.5 M ABOVE THE SIDEWALK OR PAVEMENT GRADE.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNAL HEADS MEASURED AT RIGHT ANGLES TO THE APPROACH IS TO BE 2.4 M.

IN ADDITION TO THIS SIGNAL PERMIT, THE PERMITTEE WILL OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY, IF APPLICABLE.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF ACT 187, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION CONSULT WITH UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

PLACE PAVEMENT MARKINGS IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING, TC-7600 SERIES STANDARDS.

MAINTENANCE AND PROTECTION OF TRAFFIC FOR THE INSTALLATION AND MAINTENANCE OF THIS SIGNAL TO BE IN ACCORDANCE WITH PUBLICATION 203, WORK ZONE TRAFFIC CONTROL.

PHASING, TIMING AND COLOR SEQUENCE CHART

SIGNAL	PHASE 2 + 6			PHASE 4			EMERGENCY FLASHING OPERATION
	1	2	3	4	5	6	
1,2	G	Y	R	R	R	R	Y
3,4	G	Y	R	R	R	R	Y
5,6	H	H	H	M	FH	H	FH
7,8	H	H	H	M	FH	H	FH
FIXED		4	2			2	
MAX. 1	34						
MAX. 2	56						
MAX. 3	56						
PEDESTRIAN				12	14		
MEMORY		mR			NL		

NOTES

① UPON PEDESTRIAN ACTUATION ONLY, OTHERWISE INDICATION TO DWELL ON HAND

H = HAND INDICATION (DON'T WALK)

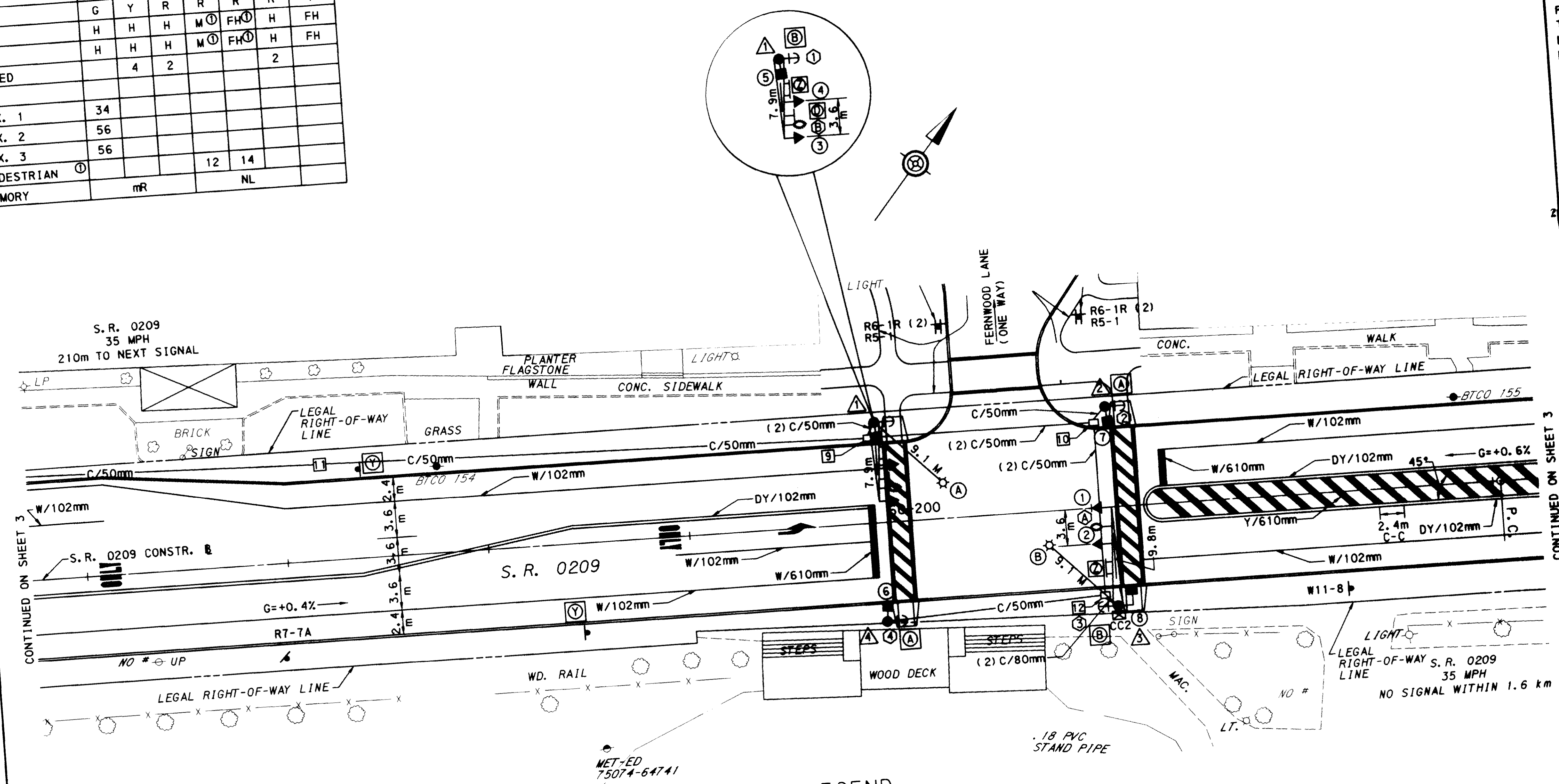
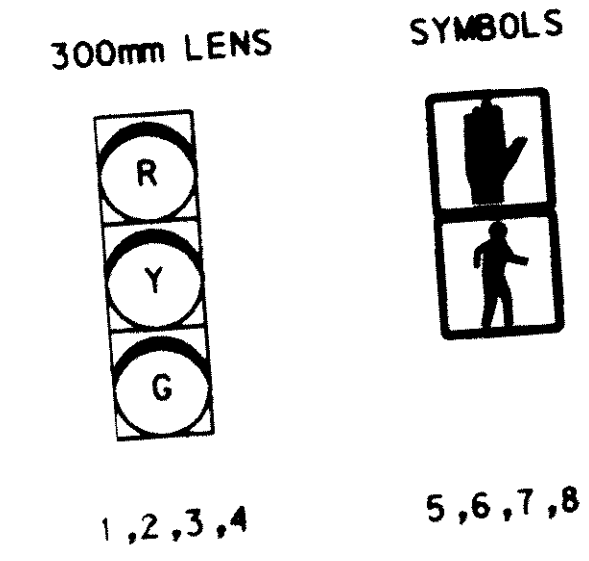
FH = FLASHING HAND INDICATION

M = MAN INDICATION (WALK)

mR- MIN. RECALL

NL- NON-LOCKING

SIGNAL INDICATIONS



PROGRAM CHART

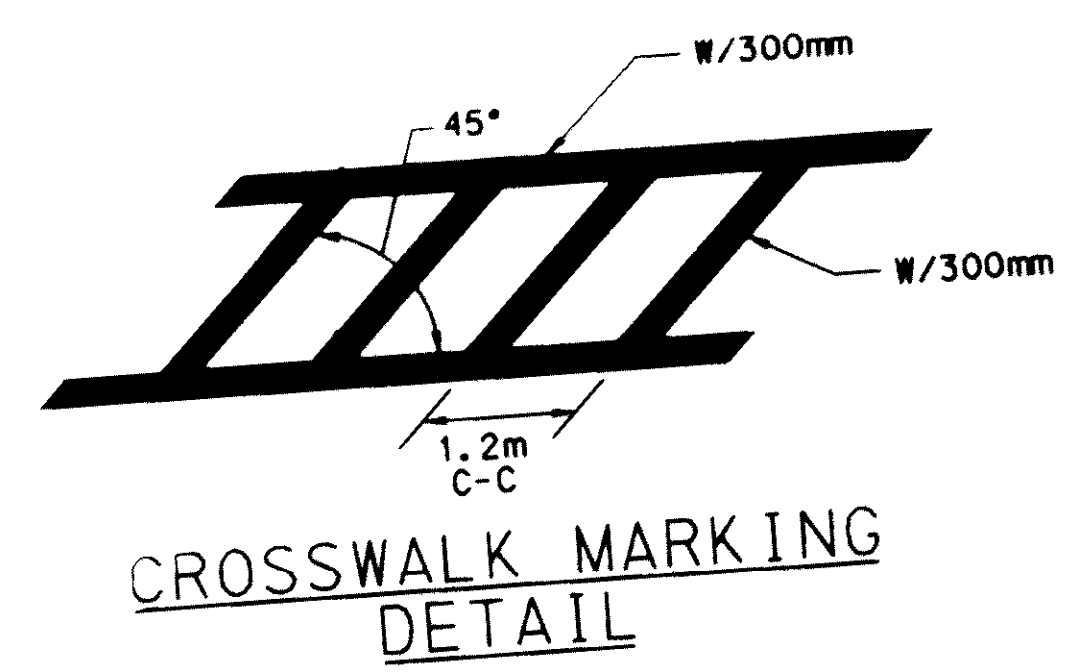
EVENT NO.	DAY OF WEEK							TIME			CYCLE	OFFSET (SEC.)	REMARKS
	M	T	W	T	F	S	S	HOUR	MIN.	SEC.			
1	X	X	X	X	X			06	00	00	90	60	MAX. 2, AM PLAN
2	X	X	X	X	X			12	00	00	90	57	MAX. 3, PM PLAN
3	X	X	X	X	X			21	00	00	--	FREE	MAX. 1, PED. ACTUATED
4	X	X	X	X	X			09	00	00	90	57	MAX. 3, PM PLAN
5						X	X	21	00	00	--	FREE	MAX. 1, PED. ACTUATED

SIGN TABULATION

PLAN SYMBOL	SERIES	SIZE	MESSAGE	QTY.
(A)	R10-3B	225x300	EDUCATIONAL PUSH BUTTON FOR WALKING PERSON SIGNAL	2
(B)	R10-3B	225x300	EDUCATIONAL PUSH BUTTON FOR WALKING PERSON SIGNAL	2
(C)	R10-11	600x750	NO TURN ON RED	1
(D)	R3-7L	750x750	LEFT LANE MUST TURN LEFT	1
(E)	D3-4	1900x400	Fernwood Lane	2

LEGEND

- MAST ARM
- PEDESTAL
- VEHICULAR SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- SIGN
- VEHICLE DETECTOR
- PEDESTRIAN PUSH BUTTON/SIGN
- EMERGENCY PREEMPTION DETECTOR
- LUMINAIRE
- CONTROLLER ASSEMBLY
- JUNCTION BOX
- CONDUIT/SIZE
- SOLID WHITE LINE/WIDTH
- BROKEN WHITE LINE/WIDTH
- SOLID YELLOW LINE/WIDTH
- BROKEN YELLOW LINE/WIDTH
- DOUBLE SOLID YELLOW LINE/WIDTH



COUNTY : MONROE

MUNICIPALITY : MIDDLE SMITHFIELD TOWNSHIP

INTERSECTION : S.R. 0209 & FERNWOOD DRIVE

REVIEWED : *[Signature]* 10-20-04

MUNICIPAL OFFICIAL : *[Signature]* DATE

SCALE : 0 3 6 12 m

1:250 METRIC