

PHASING, TIMING AND COLOR SEQUENCE CHART

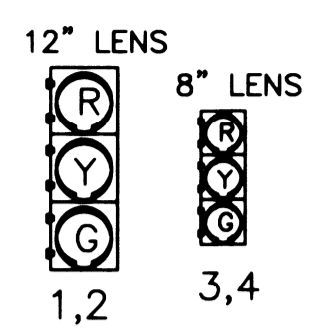
SIGNALS	PHASE 2			PHASE 7			EMERGENCY FLASHING OPERATION
	1	2	3	4	5	6	
1-2	G	Y	R	R	R	R	Y
3-4	R	R	R	G	Y	R	R
FIXED TIME		5.5	1.5		4	2	
MINIMUM	10			7			
ADD INT.	3						
MAX. INT.	20						
PASSAGE	5			4			
TO REDUCE BEFORE RED	10						
MIN. GAP	2						
MAX I	46			21			
MAX II	43			24			
MEMORY	mR			NL ①			

- ① DETECTOR 4 TO BE LOCKING, DETECTOR 1 TO BE NON-LOCKING
- ② VOLUME DENSITY TIMINGS TO BEGIN AFTER SIDE STREET ACTUATION

\*CONDITION DIAGRAM ONLY

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	BERKS	422	06P	18OF 18
AMITY TOWNSHIP				
PERMIT NO.	06-203-5	SHEET	2 OF	2
DATE ISSUED:	9-16-91	DATE REVISED:	5-9-07	*

SIGNAL INDICATIONS



GENERAL NOTES

Installation, operation, and maintenance of this traffic signal to be in accordance with Pennsylvania Department of Transportation Regulation 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 2 feet behind the face of the curb or edge of the shoulder. Support poles for overhead signals will have a minimum horizontal clearance of 2 feet.

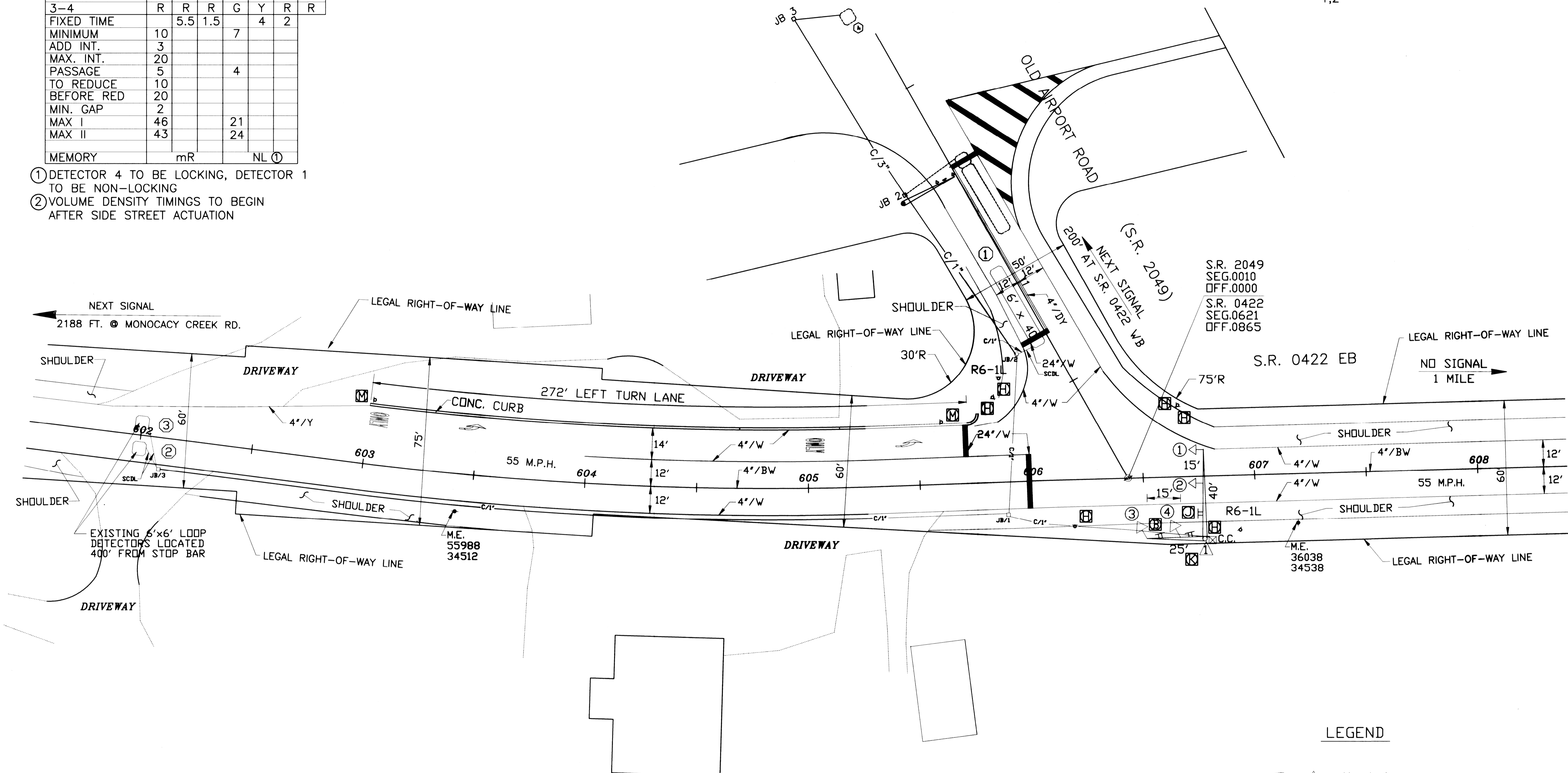
The bottom of signal heads and signs erected over the roadway are not to be less than 15 nor more than 19 feet above the roadway. The bottom of post mounted signal heads are to be not less than 8 feet nor more than 15 feet above the sidewalk or pavement grade.

The minimum horizontal distance between signal heads measured at right angles to the approach is to be 8 feet.

In addition to this signal permit, the Permittee will also obtain a Highway Occupancy Permit prior to any openings being made in or under any portion of a State Highway

This drawing cannot be used as a construction drawing unless the Permittee complies with the provisions of Act 38, 1991 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.

Pavement markings will be placed in accordance with the Department of Transportation Pavement Marking Handbook.



PLAN SYMBOL	SERIES	SIZE	QTY.	MESSAGE
B	R6-1L	30"x36"	1	ONE WAY
H	R9-3	18"x18"	6	NO PEDESTRIAN CROSSING
J	D3-4	96"x16"	1	Old Airport Rd
K	D3-4	96"x16"	1	Benjamin Franklin Hwy
M	R3-7L	30"x30"	2	LEFT LANE MUST TURN LEFT

EVENT NO.	DAY OF THE WEEK					TIME			CYCLE	OFFSET (SEC.)	REMARKS		
	M	T	W	T	F	S	S	HOUR				MIN.	SEC.
1	*	*	*	*	*			06	00	00	80	10	MAX 1
2	*	*	*	*	*			09	00	00	----	----	MAX 2
3	*	*	*	*	*			14	00	00	80	18	MAX 2
4	*	*	*	*	*			19	00	00	----	----	MAX 2

Δ - OFFSETS REFERENCED TO INTERVAL NUMBER 2.  
 VD - VOLUME DENSITY TIMING TO BEGIN UPON SIDE STREET ACTUATION

LEGEND

- ▲ - Mast Arm
- ▲ - Strain Pole
- ▲ - Pedestal
- ④ - Vehicular Signal Head
- ④ - Pedestrian Signal Head
- ④ - Sign
- ④ - Vehicle Detector
- ④ - Pedestrian Push Button
- ④④ - Pedestrian Push Button/Sign
- C.C. - Controller Assembly
- - Junction Box
- C/1' - Conduit
- 4'/W - Width/Solid White Line
- 4'/BW - Width/Broken White Line
- 4'/Y - Width/Solid Yellow Line
- 4'/BY - Width/Broken Yellow Line
- 4'/DY - Width/Double Yellow Line
- SCDL - Saw Cut Detector Lead In

County: BERKS

Municipality: AMITY TOWNSHIP

Intersection: S.R.0422E.B.(BENJAMIN FRANKLIN HWY.) AND S.R. 2049 (OLD AIRPORT ROAD)

Reviewed: *[Signature]* 4/30/07  
 Municipal Official Date

Reviewed: *[Signature]* 5/7/07  
 District Traffic Signals Div. Date

Recommended: *[Signature]* 5/7/07  
 District Traffic Engineer Date

Scale: 25 0 25 50