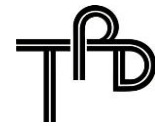




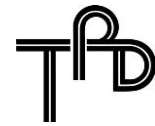
APPENDIX I
DETAILED CAPACITY ANALYSIS MATRICES



LEVEL OF SERVICE SUMMARY

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Spring Garden Street and N. 16 th Street	EB	L	B	B	B	B
	EB	T	A	A	A	A
	WB	T/R	D	D	D	D
	NB	L/T/R	C	C	D	D
	ILOS		C(23.7)	C(23.9)	C(28.2)	C(28.2)
Spring Garden Street and N. 15 th Street	EB	T/R	C	C	C	C
	WB	L	B	B	B	B
	WB	T	B	B	B	B
	SB	L	B	B	B	B
	SB	T	C	C	C	C
	ILOS		B(18.8)	B(18.8)	C(21.4)	C(21.4)
Callowhill Street and Franklin Town Boulevard	EB	L/T/R	B	B	B	B
	WB	L/T/R	C	C	C	C
	NB	L/T/R	A	B	B	B
	ILOS		B(13.9)	B(14.3)	C(16.7)	C(16.7)
Callowhill Street and N. 17 th Street	EB	R	A	A	A	A
	WB	L	B	B	B	B
	WB	T	C	C	C	C
	SB	T/R	B	B	C	C
	ILOS		B(14.1)	B(14.3)	C(19.2)	C(19.2)
Callowhill Street and N. 16 th Street	WB	T/R	C	C	E	C
	NB	L/T	A	A	A	B
	ILOS		B(15.1)	B(15.2)	C(25.1)	C(20.4)
Callowhill Street and N. 15 th Street	WB	L/T	B	B	C	B
	SB	T	D	D	F(58.6)	C
	SB	R				B
	ILOS		C(22.8)	C(22.8)	E(41.1)	C(24.5)
Callowhill Street and N. Broad Street	WB	L	C	C	C	C
	WB	T/R	D	D	D	D
	NB	L	---	---	D	B
	NB	T	C	C	C	C
	SB	T	A	A	A	A
	SB	R				A
	ILOS		B(17.6)	B(17.6)	B(19.5)	B(15.7)
Vine Street Local (WB) and N. 16 th Street	WB	T	B	B	B	B
	WB	R	B	B	B	B
	NB	L/T	A	A	A	A
	ILOS		A(9.0)	A(9.0)	B(11.6)	A(9.7)
Vine Street Local (WB) and N. 15 th Street	WB	L/T	A	A	A	A
	SB	T/R	D	D	F(123.0)	D
	ILOS		C(26.0)	C(27.0)	F(82.4)	C(29.1)

1 = With Site Related Improvements (see below)



LEVEL OF SERVICE SUMMARY - CONTINUED

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Vine Street Local (WB) and N. Broad Street	WB	L	C	C	C	C
	WB	T	C	C	C	C
	WB	R	C	C	C	C
	NB	T	A	A	B	A
	SB	T/R	B	B	B	B
	ILOS		B(18.2)	B(18.5)	C(20.8)	B(19.3)
Vine Street Local (EB) and N. 15 th Street	EB	T	B	B	B	B
	EB	R	B	B	B	C
	SB	L	A	B	F(126.9)	E
	SB	T	A	A	A	B
	ILOS		A(9.3)	A(9.6)	C(31.4)	C(26.5)
Vine Street Local (EB) and N. Broad Street	EB	L/T/R	B	D	B	C
	NB	T	E	E	F(86.8)	C
	NB	R				F(193.4)
	SB	L	F(106.3)	F(107.7)	F(112.8)	F(81.8)
	SB	T	A	A	A	A
	ILOS		D(35.3)	D(35.5)	D(41.1)	D(43.2)
Spring Garden Street and N. 18 th Street	EB	L	B	B	B	B
	EB	T	B	B	B	B
	WB	T/R	C	C	C	C
	NB	L/T	C	C	C	C
	NB	R	B	B	B	B
	ILOS		B(19.7)	B(19.9)	C(20.7)	C(20.7)
Spring Garden Street and N. Broad Street	EB	T/R	C	C	C	C
	WB	T/R	C	C	C	C
	NB	T/R	A	A	A	C
	SB	L	B	B	B	B
	SB	T	B	B	B	B
	SB	R	B	B	B	B
	ILOS		B(19.1)	B(19.1)	B(19.8)	C(24.0)

1 = With Site Related Improvements (see below)

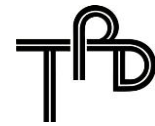


LEVEL OF SERVICE SUMMARY - CONTINUED

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Spring Garden Street and N. 17 th Street	EB	T/R	C	C	C	C
	WB	L	B	B	B	B
	WB	T	A	A	A	A
	SB	L/T/R	B	B	B	B
	ILOS		B(16.0)	B(16.3)	B(18.1)	B(18.1)
Vine Street Local (WB) and Franklin Town Boulevard	WB	L/T/R	A	A	A	A
	SB	T/R	D	D	E	D
	ILOS		B(13.6)	B(14.9)	C(26.3)	C(21.8)
Vine Street Local (EB) and N. 17 th Street	EB	T/R	B	B	B	B
	SB	L/T	B	B	D	C
	ILOS		B(15.9)	B(16.8)	C(27.1)	C(21.3)
Callowhill Street and N. 13 th Street	WB	T/R	A	A	A	A
	NB	L/T	C	C	C	C
	ILOS		B(18.8)	B(18.7)	B(19.4)	B(19.4)
Vine Street Local (WB) and N. 13 th Street	WB	T/R	B	B	B	B
	NB	L	A	A	A	A
	NB	T	B	B	B	B
	ILOS		B(14.2)	B(14.3)	B(14.4)	B(14.4)
Vine Street Local (EB) and N. 13 th Street	EB	L/T	A	A	A	A
	NB	T	C	C	C	C
	NB	R	A	A	A	A
	ILOS		B(11.7)	B(11.7)	B(11.7)	B(12.2)
Vine Street Local (EB) and N. 16 th Street	EB	L/T	A	A	A	A
	NB	T	C	C	C	C
	NB	R	C	C	C	C
	ILOS		B(17.5)	B(17.7)	B(18.9)	B(18.9)

1 = With Site Related Improvements (see below)

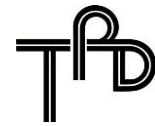
Intersection	Description of Roadway Improvements¹
<i>Intersections within Study Area</i>	<i>Modify traffic signal timings to accommodate site traffic, including signal phasing and offset.</i>
<i>Callowhill Street and N. Broad Street</i>	<i>Remove a portion of the existing concrete median and construct a separate left-turn lane on the northbound Broad Street. The removal of the existing median is anticipated to extend approximately 125'-150'.</i>
<i>Callowhill Street and N. 15th Street</i>	<i>Restrict on-street parking along the southbound Broad Street approach in order to provide a separate right-turn lane. The restriction is anticipated to extend along the site frontage between Broad Street and Noble Street.</i> <i>Install traffic signal and upgrade pedestrian facilities to meet current ADA regulations.</i> <i>Restripe the southbound 15th Street approach in order to provide a separate right-turn lane.</i>



LEVEL OF SERVICE SUMMARY

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Spring Garden Street and N. 16 th Street	EB	L	A	A	A	A
	EB	T	A	A	A	A
	WB	T/R	C	C	C	C
	NB	L/T/R	B	B	B	B
	ILOS		B(13.5)	B(13.5)	B(14.6)	B(14.6)
Spring Garden Street and N. 15 th Street	EB	T/R	B	B	B	B
	WB	L	A	A	B	B
	WB	T	A	A	A	A
	SB	L	B	B	B	B
	SB	T	B	B	B	B
	ILOS		B(11.8)	B(11.9)	B(12.4)	B(12.4)
Callowhill Street and Franklin Town Boulevard	EB	L/T/R	A	A	A	A
	WB	L/T/R	A	A	A	A
	NB	L/T/R	A	A	A	A
	ILOS		A(8.7)	A(8.7)	A(9.1)	A(9.1)
Callowhill Street and N. 17 th Street	EB	R	A	A	A	A
	WB	L	A	A	A	A
	WB	T	A	A	A	A
	SB	T/R	A	A	B	B
	ILOS		A(8.5)	A(8.6)	A(10.0)	A(10.0)
Callowhill Street and N. 16 th Street	WB	T/R	B	B	C	C
	NB	L/T	A	A	A	B
	ILOS		B(10.8)	B(10.8)	B(14.6)	B(16.2)
Callowhill Street and N. 15 th Street	WB	L/T	B	B	C	B
	SB	T	B	B	E	C
	SB	R				B
	ILOS		B(10.1)	B(10.1)	D(32.6)	B(19.6)
Callowhill Street and N. Broad Street	WB	L	C	C	C	C
	WB	T/R	C	C	D	D
	NB	L	---	---	C	A
	NB	T	A	A	A	A
	SB	T	A	A	B	A
	SB	R				A
	ILOS		B(12.0)	B(12.0)	B(14.2)	A(8.1)
Vine Street Local (WB) and N. 16 th Street	WB	T	B	B	B	B
	WB	R	B	B	C	C
	NB	L/T	A	A	A	A
	ILOS		B(10.9)	B(10.8)	B(14.1)	B(12.2)
Vine Street Local (WB) and N. 15 th Street	WB	L/T	A	A	A	B
	SB	T/R	C	C	F(89.1)	C
	ILOS		C(25.1)	C(25.3)	E(70.3)	C(25.8)

1 = With Site Related Improvements (see below)



LEVEL OF SERVICE SUMMARY - CONTINUED

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Vine Street Local (WB) and N. Broad Street	WB	L	B	B	B	C
	WB	T	B	B	B	C
	WB	R	B	B	B	C
	NB	T	B	B	B	B
	SB	T/R	B	B	B	B
	ILOS		B(13.2)	B(13.4)	B(14.6)	B(14.9)
Vine Street Local (EB) and N. 15 th Street	EB	T	B	B	B	B
	EB	R	B	B	B	C
	SB	L	A	A	D	B
	SB	T	A	A	A	B
	ILOS		A(8.4)	A(8.5)	B(14.7)	B(16.5)
Vine Street Local (EB) and N. Broad Street	EB	L/T/R	B	B	B	B
	NB	T	C	C	C	C
	NB	R				C
	SB	L	E	E	F(80.3)	C
	SB	T	A	A	A	A
	ILOS		C(23.5)	C(23.9)	C(24.7)	B(19.8)
Spring Garden Street and N. 18 th Street	EB	L	A	A	A	A
	EB	T	A	A	A	A
	WB	T/R	A	A	A	A
	NB	L/T	B	B	B	B
	NB	R	B	B	B	B
	ILOS		B(10.1)	B(10.1)	B(10.3)	B(10.3)
Spring Garden Street and N. Broad Street	EB	T/R	C	C	C	C
	WB	T/R	C	C	C	C
	NB	T/R	A	A	A	B
	SB	L	B	B	B	B
	SB	T	B	B	B	B
	SB	R	B	B	B	B
	ILOS		B(16.2)	B(16.2)	B(16.8)	B(18.7)

1 = With Site Related Improvements (see below)

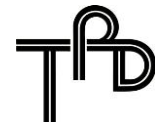


LEVEL OF SERVICE SUMMARY - CONTINUED

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Spring Garden Street and N. 17 th Street	EB	T/R	B	B	B	B
	WB	L	A	A	A	A
	WB	T	A	A	A	A
	SB	L/T/R	B	B	B	B
	ILOS		A(6.3)	A(6.3)	A(6.6)	A(6.6)
Vine Street Local (WB) and Franklin Town Boulevard	WB	L/T/R	A	A	A	A
	SB	T/R	C	D	E	D
	ILOS		B(16.5)	B(17.6)	D(35.4)	C(29.7)
Vine Street Local (EB) and N. 17 th Street	EB	T/R	B	B	B	B
	SB	L/T	A	A	A	A
	ILOS		A(8.5)	A(8.4)	A(7.6)	A(7.9)
Callowhill Street and N. 13 th Street	WB	T/R	A	A	A	A
	NB	L/T	C	C	C	C
	ILOS		B(19.0)	B(19.0)	B(19.3)	B(19.3)
Vine Street Local (WB) and N. 13 th Street	WB	T/R	B	B	B	B
	NB	L	A	A	A	A
	NB	T	B	B	B	B
	ILOS		B(12.1)	B(12.1)	B(12.1)	B(12.1)
Vine Street Local (EB) and N. 13 th Street	EB	L/T	A	A	A	A
	NB	T	C	C	C	C
	NB	R	A	A	A	A
	ILOS		A(8.2)	A(8.1)	A(8.1)	A(8.5)
Vine Street Local (EB) and N. 16 th Street	EB	L/T	A	A	A	A
	NB	T	C	C	C	C
	NB	R	A	A	A	A
	ILOS		B(12.2)	B(12.2)	B(14.2)	B(14.2)

1 = With Site Related Improvements (see below)

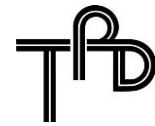
Intersection	Description of Roadway Improvements ¹
<i>Intersections within Study Area</i>	<i>Modify traffic signal timings to accommodate site traffic, including signal phasing, and offset.</i>
<i>Callowhill Street and N. Broad Street</i>	<i>Remove a portion of the existing concrete median and construct a separate left-turn lane on the northbound Broad Street. The removal of the existing median is anticipated to extend approximately 125'-150'.</i>
<i>Callowhill Street and N. 15th Street</i>	<i>Restrict on-street parking along the southbound Broad Street approach in order to provide a separate right-turn lane. The restriction is anticipated to extend along the site frontage between Broad Street and Noble Street.</i> <i>Install traffic signal and upgrade pedestrian facilities to meet current ADA regulations.</i> <i>Restripe the southbound 15th Street approach in order to provide a separate right-turn lane.</i>



LEVEL OF SERVICE SUMMARY

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Spring Garden Street and N. 16 th Street	EB	L	A	A	A	A
	EB	T	A	A	A	A
	WB	T/R	C	C	C	C
	NB	L/T/R	B	B	B	B
	ILOS		B(12.9)	B(13.2)	B(14.3)	B(14.3)
Spring Garden Street and N. 15 th Street	EB	T/R	A	A	B	B
	WB	L	A	A	B	B
	WB	T	A	A	A	A
	SB	L	B	B	B	B
	SB	T	B	B	B	B
	ILOS		B(10.7)	B(10.7)	B(11.1)	B(11.1)
Callowhill Street and Franklin Town Boulevard	EB	L/T/R	A	A	A	A
	WB	L/T/R	A	A	A	A
	NB	L/T/R	A	A	A	A
	ILOS		A(8.5)	A(8.5)	A(9.1)	A(9.1)
Callowhill Street and N. 17 th Street	EB	R	A	A	A	A
	WB	L	A	A	A	A
	WB	T	A	A	A	A
	SB	T/R	A	A	B	B
	ILOS		A(8.2)	A(8.3)	A(9.9)	A(9.9)
Callowhill Street and N. 16 th Street	WB	T/R	B	B	C	C
	NB	L/T	A	A	A	B
	ILOS		A(9.6)	A(9.6)	B(12.8)	B(15.0)
Callowhill Street and N. 15 th Street	WB	L/T	A	A	B	B
	SB	T	A	A	C	C
	SB	R			B	B
	ILOS		A(8.7)	A(8.7)	C(18.4)	B(18.2)
Callowhill Street and N. Broad Street	WB	L	C	C	C	C
	WB	T/R	C	C	C	C
	NB	L	---	---	B	A
	NB	T	A	A	A	A
	SB	T	A	A	A	A
	SB	R				A
	ILOS		A(8.3)	A(8.3)	B(10.2)	A(8.1)
Vine Street Local (WB) and N. 16 th Street	WB	T	B	B	B	B
	WB	R	B	B	C	C
	NB	L/T	A	A	A	A
	ILOS		B(13.3)	B(12.9)	B(16.9)	B(15.0)
Vine Street Local (WB) and N. 15 th Street	WB	L/T	A	A	A	B
	SB	T/R	C	C	F(121.6)	C
	ILOS		C(24.1)	C(25.2)	F(91.3)	C(28.2)

1 = With Site Related Improvements (see below)



LEVEL OF SERVICE SUMMARY - CONTINUED

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Vine Street Local (WB) and N. Broad Street	WB	L	B	B	B	C
	WB	T	B	B	B	C
	WB	R	B	B	B	C
	NB	T	B	B	B	B
	SB	T/R	B	B	B	B
	ILOS		B(16.7)	B(16.9)	B(18.2)	B(18.8)
Vine Street Local (EB) and N. 15 th Street	EB	T	B	B	B	B
	EB	R	B	B	B	C
	SB	L	A	A	C	A
	SB	T	A	A	A	B
	ILOS		A(9.8)	A(10.0)	B(13.6)	B(18.1)
Vine Street Local (EB) and N. Broad Street	EB	L/T/R	B	B	B	B
	NB	T	C	C	C	C
	NB	R				C
	SB	L	B	B	C	B
	SB	T	A	A	A	A
	ILOS		B(16.0)	B(16.0)	B(17.8)	B(16.0)
Spring Garden Street and N. 18 th Street	EB	L	A	A	A	A
	EB	T	A	A	A	A
	WB	T/R	A	A	A	A
	NB	L/T	B	B	B	B
	NB	R	B	B	B	B
	ILOS		A(9.6)	A(9.6)	A(9.7)	A(9.7)
Spring Garden Street and N. Broad Street	EB	T/R	C	C	C	C
	WB	T/R	C	C	C	C
	NB	T/R	A	A	A	B
	SB	L	B	B	B	B
	SB	T	B	B	B	B
	SB	R	B	B	B	B
	ILOS		B(15.1)	B(15.2)	B(15.7)	B(17.9)

1 = With Site Related Improvements (see below)

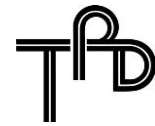


LEVEL OF SERVICE SUMMARY - CONTINUED

Intersection	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Spring Garden Street and N. 17 th Street	EB	T/R	A	A	A	A
	WB	L	A	A	A	A
	WB	T	A	A	A	A
	SB	L/T/R	B	B	B	B
	ILOS		A(5.5)	A(5.7)	A(5.8)	A(5.8)
Vine Street Local (WB) and Franklin Town Boulevard	WB	L/T/R	A	A	A	A
	SB	T/R	C	C	D	C
	ILOS		A(7.6)	A(9.0)	B(15.9)	B(14.5)
Vine Street Local (EB) and N. 17 th Street	EB	T/R	B	B	B	B
	SB	L/T	A	A	A	A
	ILOS		B(10.3)	A(9.3)	A(7.6)	A(7.8)
Callowhill Street and N. 13 th Street	WB	T/R	A	A	A	A
	NB	L/T	C	C	C	C
	ILOS		B(16.9)	B(16.9)	B(17.2)	B(17.2)
Vine Street Local (WB) and N. 13 th Street	WB	T/R	B	B	B	B
	NB	L	A	A	A	A
	NB	T	B	B	B	B
	ILOS		B(12.5)	B(12.6)	B(12.6)	B(12.5)
Vine Street Local (EB) and N. 13 th Street	EB	L/T	A	A	A	A
	NB	T	C	C	C	C
	NB	R	A	A	A	A
	ILOS		A(9.4)	A(9.3)	A(9.0)	A(9.5)
Vine Street Local (WB) and N. 16 th Street	EB	L/T	A	A	A	A
	NB	T	C	C	C	C
	NB	R	A	A	A	A
	ILOS		B(12.1)	B(12.7)	B(14.2)	B(14.3)

1 = With Site Related Improvements (see below)

Intersection	Description of Roadway Improvements¹
<i>Intersections within Study Area</i>	<i>Modify traffic signal timings to accommodate site traffic, including signal phasing, and offset.</i>
<i>Callowhill Street and N. Broad Street</i>	<i>Remove a portion of the existing concrete median and construct a separate left-turn lane on the northbound Broad Street. The removal of the existing median is anticipated to extend approximately 125'-150'.</i>
<i>Callowhill Street and N. 15th Street</i>	<i>Restrict on-street parking along the southbound Broad Street approach in order to provide a separate right-turn lane. The restriction is anticipated to extend along the site frontage between Broad Street and Noble Street.</i> <i>Install traffic signal and upgrade pedestrian facilities to meet current ADA regulations.</i> <i>Restripe the southbound 15th Street approach in order to provide a separate right-turn lane.</i>



QUEUE SUMMARY

Approach/ Movement		Storage Capacity*		Future Conditions					
				Friday PM		Friday Evening		Saturday Evening	
		Existing	Projected ¹	Base	Projected ¹	Base	Projected ¹	Base	Projected ¹
Spring Garden Street and N. 16th Street									
EB	L	140'	140'	42'	40'	25'	25'	25'	25'
EB	T	375'	375'	92'	90'	74'	79'	54'	60'
WB	T/R	375'	375'	286'	285'	135'	134'	127'	127'
NB	L/T/R	---	---	204'	286'	86'	128'	70'	118'
Spring Garden Street and N. 15th Street									
EB	T/R	375'	375'	257'	259'	99'	118'	69'	90'
WB	L	115'	115'	48'	86'	25'	32'	25'	34'
WB	T	375'	375'	127'	127'	82'	82'	66'	66'
SB	L	100'	100'	50'	53'	29'	31'	25'	25'
SB	T	---	---	265'	284'	131'	145'	96'	108'
Callowhill Street and N. 16th Street									
WB	T/R	385'	385'	118'	101'	41'	63'	35'	80'
NB	L/T	465'	465'	84'	182'	39'	123'	38'	123'
Callowhill Street and N. 15th Street									
WB	L/T	385'	385'	58'	144'	25'	96'	25'	80'
SB	T	---	935'	240'	414'	45'	220'	28'	157'
SB	R	---	100'		25'		25'		25'
Callowhill Street and N. Broad Street									
WB	L	525'	525'	66'	66'	40'	40'	53'	55'
WB	T/R	525'	525'	152'	171'	75'	97'	57'	79'
NB	L	---	150'	---	132'	---	156'	---	149'
NB	T	475'	475'	211'	209'	228'	224'	232'	228'
SB	T	935'	935'	78'	82'	80'	86'	65'	73'
SB	R		100'		33'		38'		27'
Vine Street Local (WB) and N. 16th Street									
WB	T	345'	345'	127'	131'	69'	61'	141'	138'
WB	R	345'	345'	105'	213'	114'	313'	130'	339'
NB	L/T	110'	110'	25'	25'	25'	25'	25'	25'
Vine Street Local (WB) and N. 15th Street									
WB	L/T	385'	385'	33'	71'	40'	92'	25'	84'
SB	T/R	1510'	1510'	327'	368'	252'	324'	270'	393'

¹ With Site Related Improvements

*Based on distance to adjacent signalized intersection unless exclusive turn lane present

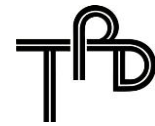


QUEUE SUMMARY – CONTINUED

Approach/ Movement		Storage Capacity*		Future Conditions					
				Friday PM		Friday Evening		Saturday Evening	
		Existing	Projected ¹	Base	Projected ¹	Base	Projected ¹	Base	Projected ¹
Vine Street Local (WB) and N. Broad Street									
WB	L	520'	520'	131'	143'	68'	84'	92'	107'
WB	T	520'	520'	277'	306'	110'	139'	175'	206'
WB	R	520'	520'	140'	163'	71'	98'	84'	108'
NB	T	75'	75'	31'	59'	56'	86'	77'	109'
SB	T/R	475'	475'	109'	96'	86'	75'	112'	96'
Vine Street Local (EB) and N. 15th Street									
EB	T	345'	345'	141'	208'	114'	163'	147'	198'
EB	R	775'	775'	73'	120'	96'	155'	188'	273'
SB	L	75'	75'	25'	184'	25'	30'	25'	25'
SB	T	75'	75'	25'	59'	25'	68'	25'	61'
Vine Street Local (EB) and N. Broad Street									
EB	L/T/R	385'	385'	157'	178'	139'	150'	93'	108'
NB	T	450'	450'	328'	235'	140'	143'	110'	124'
NB	R		450'		529'		177'		124'
SB	L	75'	75'	197'	119'	129'	110'	89'	88'
SB	T	75'	75'	41'	40'	25'	25'	25'	25'
Spring Garden Street and N. 18th Street									
EB	L	145'	145'	26'	26'	25'	25'	25'	25'
EB	T	380'	380'	107'	112'	80'	85'	64'	68'
WB	T/R	375'	375'	310'	315'	81'	80'	77'	75'
NB	L/T	975'	975'	272'	286'	65'	74'	52'	62'
NB	R	150'	150'	62'	62'	25'	25'	25'	25'
Spring Garden Street and N. Broad Street									
EB	T/R	375'	375'	290'	309'	178'	197'	133'	153'
WB	T/R	525'	525'	278'	292'	144'	156'	135'	147'
NB	T/R	900'	900'	149'	143'	97'	93'	98'	94'
SB	L	170'	170'	72'	72'	45'	45'	41'	41'
SB	T	390'	390'	211'	220'	219'	232'	167'	178'
SB	R	90'	90'	66'	67'	64'	65'	48'	48'

¹ With Site Related Improvements

*Based on distance to adjacent signalized intersection unless exclusive turn lane present



QUEUE SUMMARY – CONTINUED

Approach/ Movement		Storage Capacity*		Future Conditions					
				Friday PM		Friday Evening		Saturday Evening	
		Existing	Projected ¹	Base	Projected ¹	Base	Projected ¹	Base	Projected ¹
Spring Garden Street and N. 17th Street									
EB	T/R	375'	375'	325'	338'	42'	42'	37'	38'
WB	L	165'	165'	25'	25'	25'	25'	25'	25'
WB	T	375'	375'	131'	134'	67'	77'	57'	68'
SB	L/T/R	1400'	1400'	91'	91'	73'	73'	64'	64'
Vine Street Local (WB) and Franklin Town Boulevard									
WB	L/T/R	360'	360'	59'	74'	25'	25'	25'	25'
SB	T/R	575'	575'	309'	440'	247'	391'	172'	283'
Vine Street Local (EB) and N. 17th Street									
EB	T/R	380'	380'	131'	142'	81'	92'	55'	65'
SB	L/T	110'	110'	99'	75'	25'	25'	32'	25'
Callowhill Street and N. 13th Street									
WB	T/R	385'	385'	62'	67'	28'	33'	32'	37'
NB	L/T	485'	485'	134'	150'	53'	66'	41'	57'
Vine Street Local (WB) and N. 13th Street									
WB	T/R	385'	385'	197'	204'	93'	99'	118'	124'
NB	L	85'	85'	25'	25'	25'	25'	25'	25'
NB	T	85'	85'	60'	61'	49'	50'	43'	44'
Vine Street Local (EB) and N. 13th Street									
EB	L/T	510'	510'	47'	47'	31'	32'	41'	40'
NB	T	455'	455'	213'	223'	106'	116'	117'	128'
NB	R	125'	125'	35'	35'	25'	25'	25'	25'
Vine Street Local (EB) and N. 16th Street									
EB	L/T	365'	365'	90'	104'	51'	63'	47'	59'
NB	T	455'	455'	145'	175'	96'	131'	82'	116'
NB	R	280'	280'	242'	261'	64'	96'	55'	55'

¹ With Site Related Improvements

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