



APPENDIX J
FIELD CONDITIONS REVIEW

**LEVEL OF SERVICE SUMMARY –
 ALTERNATIVE MODELING FOR VINE STREET LOCAL AND N. BROAD STREET**

Vine Street Local (E/W) and N. 15 th Street	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
Friday P.M. (4-6 PM) Peak Hour						
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
Vine Street Local (EB) and N. Broad Street	EB	L/T	E	E	F(130.0)	F(164.8)
	EB	T/R	B	B	B	B
	NB	T	F(86.1)	F(86.4)	E	C
	NB	R				F(181.9)
	SB	L	F(106.9)	F(108.3)	F(111.8)	E
	SB	T	A	A	A	A
Subject Intersection – Overall ILOS			D(38.3)	D(40.0)	D(53.5)	E(61.4)
Friday Evening (7-10 PM) Peak Hour						
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	A	A	B	B
	SB	T/R	B	B	B	B
Vine Street Local (EB) and N. Broad Street	EB	L/T	D	D	F(104.7)	F(136.7)
	EB	T/R	B	B	B	B
	NB	T	C	C	C	C
	NB	R				C
	SB	L	E	E	E	C
	SB	T	A	A	A	A
Subject Intersection – Overall ILOS			C(24.5)	C(25.2)	D(42.8)	D(48.3)
Saturday Evening (6-9 PM) Peak Hour						
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
Vine Street Local (EB) and N. Broad Street	EB	L/T	C	C	D	E
	EB	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
Subject Intersection – Overall ILOS			B(17.0)	B(17.3)	C(25.4)	C(29.7)

Note: Bus blockage, PHFs, and lane utilization factors were modified under projected conditions



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Vine Street Local (E/W) and N. 15 th Street	Approach/ Movement		2012 Existing	Future Conditions		
				Base	Projected	Projected ¹
<i>Friday P.M. (4-6 PM) Peak Hour</i>						
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
Vine Street Local (EB) and N. 15 th Street	EB	T	B	B	B	B
	SB	L	A	B	F(126.9)	E
	SB	T	A	A	A	B
	XPR	T	B	B	B	C
	XPR	R	B	B	A	A
Subject Intersection – Overall ILOS			B(17.8)	B(18.4)	E(56.5)	C(27.4)
<i>Friday Evening (7-10 PM) Peak Hour</i>						
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
Vine Street Local (EB) and N. 15 th Street	EB	T	B	B	B	B
	SB	L	A	A	D	B
	SB	T	A	A	A	B
	XPR	T	B	B	B	C
	XPR	R	B	B	B	A
Subject Intersection – Overall ILOS			B(15.6)	B(15.7)	D(38.7)	B(19.7)
<i>Saturday Evening (6-9 PM) Peak Hour</i>						
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
Vine Street Local (EB) and N. 15 th Street	EB	T	B	B	B	B
	SB	L	A	A	C	A
	SB	T	A	A	A	B
	XPR	T	B	B	B	C
	XPR	R	B	B	B	B
Subject Intersection – Overall ILOS			B(16.0)	B(16.6)	D(47.9)	C(21.1)