

APPENDIX E-2: SUMMARY OF LEVELS OF SERVICE AND MITIGATION MEASURES WITHOUT OAKBROOK

LOCATION	MOVEMENT	2010 NO-BUILD				2010 BUILD				2010 BUILD W/ MITIGATION				MITIGATION MEASURES
		AM		PM		AM		PM		AM		PM		
NYS RTE. 17 (N-S) NORTH RAMP (B-W)	EB LT	B(19.8)	C(21.9)	B(19.5)	C(21.9)	B(19.5)	C(21.9)	B(19.5)	C(21.9)	B(19.5)	C(21.9)	B(19.5)	C(21.9)	NONE REQUIRED
	EB TH	A(6.7)	B(10.3)	A(6.8)	B(10.2)	A(6.8)	B(10.2)	A(6.8)	B(10.2)	A(6.8)	B(10.2)	A(6.8)	B(10.2)	
	NB TH	B(10.4)	A(7.2)	B(10.5)	A(7.2)	B(10.5)	A(7.2)	B(10.5)	A(7.2)	B(10.5)	A(7.2)	B(10.5)	A(7.2)	
	OVERALL	B(10.3)	B(10.9)	B(10.3)	B(10.9)	B(10.3)	B(10.9)	B(10.3)	B(10.9)	B(10.3)	B(10.9)	B(10.3)	B(10.9)	
NYS RTE. 17A/ NYS RTE. 17 RAMP	EB LT, TH, RT	A(7.4)	A(7.9)	A(7.4)	A(7.9)	A(7.4)	A(7.9)	A(7.4)	A(7.9)	A(7.4)	A(7.9)	A(7.4)	A(7.9)	Construct an eastbound right-turn lane.
	WB LT, TH, RT	B(10.3)	A(7.5)	B(10.3)	A(7.5)	B(10.3)	A(7.5)	B(10.3)	A(7.5)	B(10.3)	A(7.5)	B(10.3)	A(7.5)	
	NB LT, TH, RT	D(32.0)	F(367.7)	D(34.6)	F(420.3)	D(34.6)	F(420.3)	D(34.6)	F(420.3)	D(34.6)	F(420.3)	D(34.6)	F(420.3)	
	SB LT, TH, RT	B(11.1)	A(9.7)	B(11.2)	A(9.8)	B(11.2)	A(9.8)	B(11.2)	A(9.8)	B(11.2)	A(9.8)	B(11.2)	A(9.8)	
NYS RTE. 17 (N-S) SOUTH RAMP (B-W)	EB RT	B(79.7)	B(10.8)	F(82.3)	B(10.9)	C(34.1)	B(6.1)	C(20.8)	B(6.1)	C(20.8)	B(6.1)	C(20.8)	B(6.1)	Modify traffic signal timings.
	NB LT	B(11.1)	D(40.4)	B(11.3)	D(44.2)	A(8.4)	A(0.2)	A(0.1)	A(0.2)	A(0.1)	A(0.2)	A(0.1)	A(0.2)	
	NB TH	A(0.1)	A(0.3)	A(0.1)	A(0.2)	A(0.1)	A(0.2)	A(0.1)	A(0.2)	A(0.1)	A(0.2)	A(0.1)	A(0.2)	
	SB TH	B(15.4)	B(11.4)	B(15.5)	B(11.6)	C(21.2)	B(10.1)	B(8.2)	C(22.7)	B(10.1)	B(8.2)	C(22.7)	B(10.1)	
NYS RTE. 17 (N-S) WASHINGTON AVE. (B-W)	WB LT	D(37.9)	B(15.5)	D(38.1)	B(16.7)	C(21.2)	B(10.1)	B(8.2)	C(22.7)	B(10.1)	B(8.2)	C(22.7)	B(10.1)	Construct southbound left-turn lane. Alternates access available via Seven Lakes Drive.
	WB LT	B(38.0)	F(159.0)	F(51.0)	F(284.1)	D(32.5)*	F(120.3)*	D(32.5)*	F(120.3)*	D(32.5)*	F(120.3)*	D(32.5)*	F(120.3)*	
	RT	A(9.6)	C(21.3)	A(9.9)	C(24.9)	A(9.7)	C(22.3)	A(9.7)	C(22.3)	A(9.7)	C(22.3)	A(9.7)	C(22.3)	
	SB LT	A(8.2)	C(20.2)	A(8.4)	C(24.5)	A(8.4)	C(24.5)	A(8.4)	C(24.5)	A(8.4)	C(24.5)	A(8.4)	C(24.5)	
NYS RTE. 17 (N-S) SEVEN LAKES DR (B-W)	WB LT, TH, RT	C(23.3)	C(23.6)	C(23.3)	C(23.6)	C(23.3)	C(23.6)	C(23.3)	C(23.6)	C(23.3)	C(23.6)	C(23.3)	C(23.6)	modify signal timing and phasing.
	NB TH	B(11.0)	C(20.6)	B(11.3)	D(40.2)	A(8.8)	C(21.8)	A(8.8)	C(21.8)	A(8.8)	C(21.8)	A(8.8)	C(21.8)	
	RT	A(0.0)	A(0.1)	A(0.0)	A(0.1)	A(0.0)	A(0.1)	A(0.0)	A(0.1)	A(0.0)	A(0.1)	A(0.0)	A(0.1)	
	SB TH	D(34.1)	A(7.6)	F(101.3)	A(8.4)	D(45.2)	A(5.4)	D(45.2)	A(5.4)	D(45.2)	A(5.4)	D(45.2)	A(5.4)	
NYS RTE. 17 (N-S) EAGLE VALLEY RD (B-W)	OVERALL	D(42.0)	B(16.5)	B(16.5)	B(17.3)	D(36.3)	B(17.3)	D(36.3)	B(17.3)	D(36.3)	B(17.3)	D(36.3)	B(17.3)	Modify traffic signal timings.
	EB LT, TH, RT	C(23.5)	C(22.2)	C(23.5)	C(22.2)	C(23.5)	C(22.2)	C(23.5)	C(22.2)	C(23.5)	C(22.2)	C(23.5)	C(22.2)	
	WB LT, TH, RT	C(21.2)	C(21.2)	C(21.2)	C(21.2)	C(26.4)	C(26.4)	C(26.4)	C(26.4)	C(26.4)	C(26.4)	C(26.4)	C(26.4)	
	NB LT	B(13.4)	A(9.3)	B(13.4)	A(9.9)	B(10.5)	A(6.3)	B(10.5)	A(6.3)	B(10.5)	A(6.3)	B(10.5)	A(6.3)	
NYS RTE. 17 (N-S) NORTH TUXEDO ACCESS	TH, RT	A(8.5)	F(88.1)	A(8.8)	F(130.1)	A(5.6)	B(61.5)	A(5.6)	B(61.5)	A(5.6)	B(61.5)	A(5.6)	B(61.5)	Construct separate left-turn lane on Route 17 and install traffic signal.
	SB LT	F(82.3)	B(10.4)	F(130.2)	B(11.3)	D(43.6)	A(6.8)	D(43.6)	A(6.8)	D(43.6)	A(6.8)	D(43.6)	A(6.8)	
	TH, RT	B(8.7)	B(61.2)	F(106.8)	F(96.5)	D(37.1)	D(46.4)	D(37.1)	D(46.4)	D(37.1)	D(46.4)	D(37.1)	D(46.4)	
	OVERALL	B(8.7)	B(61.2)	F(106.8)	F(96.5)	D(37.1)	D(46.4)	D(37.1)	D(46.4)	D(37.1)	D(46.4)	D(37.1)	D(46.4)	
NYS RTE. 17 (N-S) SOUTH TUXEDO	EB LT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Construct separate left-turn lane on Route 17 and install traffic signal.
	RT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	NB LT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	OVERALL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
NYS RTE. 17 THRUWAY NB OFF-RAMP	EB RT	F(284.0)	C(28.4)	F(284.0)	C(28.4)	F(284.0)	C(28.4)	F(284.0)	C(28.4)	F(284.0)	C(28.4)	F(284.0)	C(28.4)	Modify signal timing.
	NB LT, TH	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	TH, RT	B(19.2)	B(19.2)	B(19.2)	B(19.2)	B(19.2)	B(19.2)	B(19.2)	B(19.2)	B(19.2)	B(19.2)	B(19.2)	B(19.2)	
	OVERALL	F(193.5)	F(230.3)	F(193.5)	F(230.3)	F(193.5)	F(230.3)	F(193.5)	F(230.3)	F(193.5)	F(230.3)	F(193.5)	F(230.3)	

\* - Left-turn lanes provided southbound at Washington Avenue and installation of traffic signal at Tuxedo Reserve site access will improve traffic flow exiting Washington Avenue and on Route 17.

APPENDIX E-2 (CONT): SUMMARY OF LEVELS OF SERVICE AND MITIGATION MEASURES WITHOUT OAKBROOK

LOCATION	MOVEMENT	2015 NO-BUILD		2015 BUILD		2015 BUILD W/ MITIGATION		MITIGATION MEASURES
		AM	PM	AM	PM	AM	PM	
NYS RTE. 17 (N-S)/ NORTH RAMP (E-W)	EB LT	B(19.9)	C(21.1)	B(19.9)	C(22.7)	B(19.9)	C(22.7)	NONE REQUIRED
	NB TH	A(6.7)	B(10.5)	A(6.9)	B(10.5)	A(6.9)	B(10.7)	
	SB TH, RT	B(10.9)	A(7.2)	B(11.2)	A(7.2)	B(11.2)	A(7.4)	
	OVERALL	B(10.6)	B(11.1)	B(10.9)	B(11.1)	B(10.9)	B(11.4)	
NYS RTE. 17A/ NY5 RTE. 17 RAMPS	EB LT, TH, RT	A(7.4)	A(7.9)	A(7.4)	A(7.9)	B(10.5)	C(33.6)	Install traffic signal and construct northbound left-turn lane.
	WB LT, TH, RT	B(10.5)	A(7.5)	B(10.6)	A(7.6)	A(9.1)	C(25.0)	
	NB LT, TH, RT	B(37.3)	F(430.0)	F(62.7)	F(69.7)	C(24.1)	E(65.7)	
	SB LT, TH, RT	B(11.6)	A(9.8)	B(12.0)	B(10.0)	C(24.8)	A(9.1)	
NYS RTE. 17 (N-S)/ SOUTH RAMP (E-W)	OVERALL	N/A	N/A	N/A	N/A	B(19.9)	D(41.1)	Modify traffic signal timings.
	EB RT	F(107.0)	B(10.8)	F(114.7)	B(11.2)	D(31.4)	A(8.4)	
	NB LT	B(11.1)	D(32.3)	B(11.6)	B(60.8)	A(8.7)	C(23.1)	
	SB TH	A(0.1)	A(0.2)	A(0.1)	A(0.3)	A(0.1)	A(0.3)	
NYS RTE. 17 (N-S)/ WASHINGTON AVE. (E-W)	OVERALL	D(48.9)	B(19.5)	D(50.1)	C(22.1)	C(29.3)	B(10.8)	Phase I - construct southbound left-turn lane. Alternate access available via Seven Lakes Drive.
	WB LT	B(43.2)	F(249.1)	F(68.6)	F(399.5)	B(40.6)*	F(180.9)*	
	SB LT	A(8.2)	C(23.50)	A(8.7)	D(30.6)	A(8.7)	D(28.5)	
	WB LT, RT	C(24.0)	C(23.8)	C(24.0)	C(23.8)	C(31.1)	C(31.0)	
NYS RTE. 17 (N-S)/ SEVEN LAKES DR (E-W)	NB TH	B(11.1)	C(23.7)	B(11.8)	E(66.1)	A(9.2)	D(36.5)	Modify signal timing
	RT	A(0.0)	A(0.1)	A(0.0)	A(0.1)	A(0.0)	A(0.1)	
	SB LT	B(74.0)	A(7.8)	F(135.7)	A(9.0)	A(7.4)	A(6.6)	
	OVERALL	B(55.8)	B(19.9)	F(97.6)	D(45.7)	D(32.7)	A(5.7)	
NYS RTE. 17 (N-S)/ EAGLE VALLEY RD (E-W)	EB LT, TH, RT	C(23.6)	C(23.6)	C(23.6)	C(22.3)	C(29.9)	C(29.8)	Modify signal timing
	WB LT, TH, RT	C(21.2)	C(21.2)	C(21.2)	C(26.4)	C(28.0)	C(28.0)	
	NB LT	B(13.4)	A(9.5)	B(13.4)	B(11.2)	B(10.5)	A(6.1)	
	SB TH, RT	A(8.0)	F(104.2)	A(9.2)	F(168.1)	A(5.9)	B(75.0)	
NYS RTE. 17 (N-S)/ NORTH TUXEDO ACCESS	LT	F(106.4)	B(10.6)	F(165.4)	B(12.2)	A(4.6)	A(4.5)	Construct separate left-turn lane on Route 17 and install traffic signal.
	OVERALL	F(88.3)	B(78.8)	F(132.7)	F(122.4)	B(65.1)	B(55.2)	
	EB RT	N/A	N/A	N/A	N/A	C(32.8)	C(32.1)	
	NB RT	N/A	N/A	N/A	N/A	C(34.0)	C(32.8)	
NYS RTE. 17 (N-S)/ SOUTH TUXEDO ACCESS	SB TH, RT	N/A	N/A	N/A	N/A	B(18.5)	A(4.5)	Construct separate left-turn lane on Route 17 and install traffic signal.
	OVERALL	N/A	N/A	N/A	N/A	A(4.1)	B(14.0)	
	EB LT	N/A	N/A	N/A	N/A	C(31.5)	A(8.0)	
	RT	N/A	N/A	N/A	N/A	C(26.4)	B(12.9)	
NYS RTE. 17 THRUWAY NB OFF-RAMP	EB LT	F(318.9)	F(371.3)	F(318.9)	F(371.3)	C(31.8)	C(31.6)	Modify signal timing.
	RT	C(33.1)	C(31.7)	C(33.1)	C(31.7)	C(27.9)	C(25.6)	
	NB LT, TH	B(19.7)	B(19.9)	B(19.7)	B(19.9)	C(21.8)	A(8.0)	
	OVERALL	F(217.0)	F(234.0)	F(217.0)	F(234.0)	A(4.2)	B(14.4)	

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