

Appendix E. Detailed Cutline Analysis

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Table E-1 Existing Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio
Cutline 1	NB	I-17	HOV	1	7,556	2,071	0.27	0.60
		I-17 Frontage Road	Collector	2	3,714	794	0.21	
		I-17	Interstate	1	7,284	9,370	1.29	
		I-17	Interstate	3	21,852	13,165	0.60	
		35th Ave	Major Arterial	2	6,068	3,429	0.57	
		27th Ave	Major Arterial	2	5,750	2,851	0.50	
		19th Ave	Major Arterial	2	5,750	3,077	0.54	
	SB	I-17	HOV	1	7,556	1,900	0.25	0.54
		I-17 Frontage Road	Collector	2	3,714	264	0.07	
		I-17	Interstate	3	21,852	16,922	0.77	
		35th Ave	Major Arterial	2	6,068	2,852	0.47	
		27th Ave	Major Arterial	2	5,750	2,493	0.43	
		19th Ave	Major Arterial	2	5,750	3,039	0.53	
	Cutline 2	NB	I-17	Interstate	4	30,548	23,505	0.77
I-17 Frontage Road			Collector	2	3,732	293	0.08	
I-17			HOV	1	7,556	3,461	0.46	
35th Ave			Major Arterial	3	9,102	3,768	0.41	
19th Ave			Major Arterial	3	9,102	2,753	0.30	
SB		I-17 Frontage Road	Collector	2	3,732	1,368	0.37	0.50
		I-17	Interstate	4	30,548	19,055	0.62	
		I-17	HOV	1	7,556	2,356	0.31	
		35th Ave	Major Arterial	2	6,068	2,230	0.37	
		19th Ave	Major Arterial	2	6,068	1,968	0.32	
Cutline 3	NB	35th Ave	Major Arterial	3	8,625	4,621	0.54	0.75
		19th Ave	Major Arterial	3	8,625	6,089	0.71	

Table E-1 Existing Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio	
		I-17 Frontage Road	Collector	2	3,714	1,453	0.39		
		I-17	HOV	1	6,979	3,914	0.56		
		I-17	Interstate	4	29,136	26,694	0.92		
	SB	35th Ave	Major Arterial	2	5,750	3,154	0.55	0.59	
		19th Ave	Major Arterial	2	5,750	2,876	0.50		
		I-17	HOV	1	6,979	2,612	0.37		
		I-17 Frontage Road	Collector	2	3,714	330	0.09		
		I-17	Interstate	4	29,136	21,504	0.74		
	Cutline 4	NB	I-17	Interstate	4	29,136	26,642	0.91	0.74
			I-17	HOV	1	6,979	3,809	0.55	
I-17 Frontage Road			Collector	1	1,857	216	0.12		
19th Ave			Major Arterial	3	8,625	5,170	0.60		
27th Ave			Major Arterial	3	8,625	5,611	0.65		
35th Ave			Major Arterial	3	8,625	5,838	0.68		
SB		I-17	Interstate	4	29,136	22,475	0.77	0.64	
		I-17	HOV	1	6,979	2,821	0.40		
		I-17 Frontage Road	Collector	1	1,857	462	0.25		
		19th Ave	Major Arterial	2	5,750	2,952	0.51		
Cutline 5	NB	27th Ave	Major Arterial	2	5,750	2,967	0.52	0.66	
		35th Ave	Major Arterial	2	5,750	3,464	0.60		
		I-17	HOV	0	0	0	N/A		
		I-17 Frontage Road	Collector	2	3,344	0	0.00		
	NB	I-17	Interstate	5	36,420	30,725	0.84	0.66	
		Grand Ave	6 Leg Arterial	3	5,220	4,270	0.82		

Table E-1 Existing Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio		
Cutline 5		19th Ave	Major Arterial	3	7,809	3,567	0.46			
		27th Ave	Major Arterial	3	8,625	3,500	0.41			
		35th Ave	Major Arterial	3	8,625	4,409	0.51			
	SB		I-17	HOV	0	0	0	N/A	0.60	
			I-17	Interstate	5	36,420	25,056	0.69		
			I-17 Frontage Road	Collector	2	3,344	0	0.00		
			Grand Ave	6 Leg Arterial	3	5,220	2,337	0.45		
			19th Ave	Major Arterial	2	5,206	2,309	0.44		
			27th Ave	Major Arterial	2	5,750	3,125	0.54		
	Cutline 6	NB		I-17	Interstate	4	27,424	25,436	0.93	0.75
				I-17 Frontage Road	Collector	2	3,344	223	0.07	
				I-17	HOV	0	0	0	N/A	
35th Ave				Major Arterial	3	8,625	5,607	0.65		
27th Ave				Major Arterial	2	5,750	3,674	0.64		
19th Ave				Major Arterial	2	5,206	2,856	0.55		
SB				I-17	Interstate	4	27,424	20,413	0.74	0.60
				I-17 Frontage Road	Collector	2	3,344	75	0.02	
				I-17	HOV	0	0	0	N/A	
				35th Ave	Major Arterial	2	5,750	4,248	0.74	
				27th Ave	Major Arterial	3	8,625	3,759	0.44	
				19th Ave	Major Arterial	2	5,206	1,832	0.35	
Cutline 7	EB		I-17	Interstate	3	21,852	15,476	0.71	0.52	
			I-17	HOV	0	0	0	N/A		
			I-17 Frontage Road	Collector	2	3,714	2,033	0.55		

Table E-1 Existing Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio		
Cutline 8			Jefferson St	Major Arterial	3	7,809	2,253	0.29		
			Southern Ave	Major Arterial	2	6,068	3,561	0.59		
			Baseline Rd	Major Arterial	2	6,292	3,417	0.54		
			Broadway Rd	Major Arterial	1	3,034	1,449	0.48		
			Lower Buckeye Rd	Major Arterial	2	5,750	3,318	0.58		
			Buckeye Rd	Major Arterial	2	5,750	2,565	0.45		
			Grant St	Collector	2	3,344	338	0.10		
			Van Buren St	Major Arterial	2	5,206	1,539	0.30		
			WB			I-17	Interstate	3		21,852
	I-17	HOV				0	0	0	N/A	
	I-17 Frontage Road	Collector				2	3,714	887	0.24	
	Washington St	Major Arterial				4	10,412	5,628	0.54	
	Southern Ave	Major Arterial				2	6,068	2,039	0.34	
	Baseline Rd	Major Arterial				2	6,292	1,864	0.30	
	Broadway Rd	Major Arterial				1	3,034	2,017	0.66	
	Lower Buckeye Rd	Major Arterial				2	5,750	3,123	0.54	
	Buckeye Rd	Major Arterial				2	5,750	2,569	0.45	
	Cutline 8	EB		I-10	Interstate	7	50,988	34,555	0.68	0.58
I-10				HOV	1	6,979	3,737	0.54		
Air Ln				Collector	1	1,857	162	0.09		
Van Buren St				Major Arterial	2	5,750	1,650	0.29		
Washington St				Major Arterial	2	5,750	2,611	0.45		
Roosevelt St				Collector	2	3,714	494	0.13		
Baseline Rd				Major Arterial	3	9,102	4,694	0.52		

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Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio	
Cutline 9		Broadway Rd	Major Arterial	3	8,625	5,180	0.60		
		Southern Ave	Major Arterial	2	5,750	2,739	0.48		
		Buckeye Rd	Major Arterial	2	5,750	5,033	0.88		
	WB		I-10	HOV	1	6,979	3,897	0.56	0.67
			I-10	Interstate	7	50,988	35,722	0.70	
			Air Ln	Collector	1	1,857	323	0.17	
			Van Buren St	Major Arterial	2	5,750	2,543	0.44	
			Washington St	Major Arterial	2	5,750	3,140	0.55	
			Roosevelt St	Collector	2	3,714	514	0.14	
			Baseline Rd	Major Arterial	3	9,102	6,022	0.66	
			Broadway Rd	Major Arterial	2	5,750	5,413	0.94	
			Southern Ave	Major Arterial	2	5,750	4,138	0.72	
			Buckeye Rd	Major Arterial	2	5,750	6,726	1.17	
Cutline 9	EB		I-10	Interstate	5	36,420	35,736	0.98	0.81
			I-10	HOV	1	6,979	4,344	0.62	
			Sky Harbor Blvd	Major Arterial	2	5,750	7,366	1.28	
			Van Buren St	Major Arterial	2	5,750	2,418	0.42	
			Washington St	Major Arterial	2	5,750	3,009	0.52	
			Baseline Rd	Major Arterial	3	8,625	6,234	0.72	
			Southern Ave	Major Arterial	2	5,750	3,761	0.65	
			Broadway Rd	Major Arterial	2	5,750	3,111	0.54	
			University Dr	Major Arterial	2	5,750	4,240	0.74	
	WB		I-10	Interstate	5	36,420	31,570	0.87	0.70
			I-10	HOV	1	6,979	3,564	0.51	
			Sky Harbor Blvd	Major Arterial	2	5,750	5,214	0.91	
			Van Buren St	Major Arterial	2	5,750	2,537	0.44	
Washington St			Major Arterial	2	5,750	2,981	0.52		

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Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio	
		Baseline Rd	Major Arterial	3	8,625	5,685	0.66		
		Southern Ave	Major Arterial	2	5,750	4,115	0.72		
		Broadway Rd	Major Arterial	3	8,625	4,609	0.53		
		University Dr	Major Arterial	2	5,750	2,429	0.42		
Cutline 10	NB		C/D Road	0	0	0	N/A	0.68	
		I-10	Interstate	6	43,704	33,494	0.77		
		I-10	HOV	1	6,979	3,761	0.54		
		48th St	Major Arterial	3	8,625	3,756	0.44		
		Priest Dr	Major Arterial	2	5,750	3,168	0.55		
			C/D Road	0	0	0	N/A		
	SB		I-10	HOV	1	6,979	5,146	0.74	1.03
			I-10	Interstate	5	36,420	42,318	1.16	
			48th St	Major Arterial	2	5,750	3,590	0.62	
			Priest Dr	Major Arterial	2	5,750	5,756	1.00	
Cutline 11	NB		I-10	Interstate	3	21,852	14,119	0.65	0.69
			I-10	HOV	1	6,979	2,086	0.30	
			I-10	Interstate	1	1,672	6,705	4.01	
			I-10	Metered Ramp	1	1,672	4,637	2.77	
			48th St	Major Arterial	3	8,625	3,237	0.38	
			Priest Dr	Major Arterial	3	8,625	3,410	0.40	
				C/D Road	2	14,568	11,635	0.80	
	SB		I-10	Unmetered Ramp	1	1,672	4,729	2.83	0.87
			I-10	Interstate	1	1,672	6,906	4.13	
			I-10	Interstate	3	21,852	18,617	0.85	
			I-10	HOV	1	6,979	2,905	0.42	
			48th St	Major Arterial	2	5,750	3,972	0.69	
			Priest Dr	Major Arterial	3	8,625	4,114	0.48	

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Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio
Cutline 12	NB	I-10	HOV	1	6,979	2,175	0.31	0.58
		I-10	Interstate	4	29,136	19,985	0.69	
		Grove Pky	Major Arterial	2	5,750	2,139	0.37	
		48th St	Major Arterial	2	5,750	3,344	0.58	
	SB	I-10	HOV	1	6,979	3,181	0.46	0.78
		I-10	Interstate	4	29,136	26,490	0.91	
		Grove Pky	Major Arterial	2	5,750	3,526	0.61	
		48th St	Major Arterial	2	5,750	4,009	0.70	
Cutline 13	NB	I-10	HOV	0	0	0	N/A	0.26
		I-10	Interstate	5	38,185	10,338	0.27	
		Grove Pky	Major Arterial	1	3,472	1,161	0.33	
		48th St	Major Arterial	1	3,034	86	0.03	
	SB	I-10	HOV	0	0	0	N/A	0.41
		I-10	Interstate	5	38,185	15,932	0.42	
		Grove Pky	Major Arterial	1	3,472	2,194	0.63	
		48th St	Major Arterial	1	3,034	41	0.01	

Notes: Prepared by Wilson & Company, February 27, 2014

HOV = high-occupancy vehicle, I-10 = Interstate 10, I-17 = Interstate 17, N/A = not applicable, NB = northbound, SB = southbound
v/c = volume-to-capacity

Table E-2 Year 2040 Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio
Cutline 1	NB	I-17	HOV	1	6,979	4,105	0.59	0.96
		I-17 Frontage Road	Collector	2	3,714	2,033	0.55	
		I-17	Interstate	1	7,284	11,568	1.59	
		I-17	Interstate	3	21,852	21,724	0.99	
		35th Ave	Major Arterial	2	5,750	5,332	0.93	
		27th Ave	Major Arterial	2	5,750	5,001	0.87	
		19th Ave	Major Arterial	2	5,750	5,077	0.88	
	SB	I-17	HOV	1	6,979	3,244	0.46	0.79
		I-17 Frontage Road	Collector	2	3,714	683	0.18	
		I-17	Interstate	3	21,852	24,282	1.11	
		35th Ave	Major Arterial	2	5,750	3,852	0.67	
		27th Ave	Major Arterial	2	5,750	3,076	0.54	
		19th Ave	Major Arterial	2	5,750	4,067	0.71	
	Cutline 2	NB	I-17	Interstate	4	29,136	34,331	1.18
I-17 Frontage Road			Collector	2	3,714	353	0.10	
I-17			HOV	1	6,979	4,933	0.71	
35th Ave			Major Arterial	3	8,625	4,682	0.54	
19th Ave			Major Arterial	3	8,625	3,626	0.42	
SB		I-17 Frontage Road	Collector	2	3,714	1,456	0.39	0.71
		I-17	Interstate	4	29,136	26,471	0.91	
		I-17	HOV	1	6,979	3,211	0.46	
		35th Ave	Major Arterial	2	5,750	2,742	0.48	
		19th Ave	Major Arterial	2	5,750	2,344	0.41	
Cutline 3	NB	35th Ave	Major Arterial	3	8,625	5,401	0.63	0.99
		19th Ave	Major Arterial	3	8,625	7,465	0.87	

Table E-2 Year 2040 Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio	
Cutline 1	NB	I-17 Frontage Road	Collector	2	3,714	2,147	0.58	0.96	
		I-17	HOV	1	6,979	5,120	0.73		
		I-17	Interstate	4	29,136	36,500	1.25		
	SB	35th Ave	Major Arterial	2	5,750	3,690	0.64	0.78	
		19th Ave	Major Arterial	2	5,750	3,649	0.63		
		I-17	HOV	1	6,979	3,392	0.49		
		I-17 Frontage Road	Collector	2	3,714	501	0.13		
		I-17	Interstate	4	29,136	28,970	0.99		
	Cutline 2	NB	I-17	Interstate	4	27,424	34,496	1.26	0.99
			I-17	HOV	1	6,569	5,085	0.77	
I-17 Frontage Road			Collector	1	1,672	299	0.18		
19th Ave			Major Arterial	3	7,809	5,501	0.70		
27th Ave			Major Arterial	3	8,625	7,385	0.86		
35th Ave			Major Arterial	3	8,625	7,440	0.86		
SB		I-17	Interstate	4	27,424	28,855	1.05	0.80	
		I-17	HOV	1	6,569	3,677	0.56		
		I-17 Frontage Road	Collector	1	1,672	527	0.31		
		19th Ave	Major Arterial	2	5,206	3,203	0.62		
Cutline 3	NB	27th Ave	Major Arterial	2	5,750	3,873	0.67	0.84	
		35th Ave	Major Arterial	3	8,625	4,054	0.47		
		I-17	HOV	0	0	0	#DIV/0!		
		I-17 Frontage Road	Collector	2	3,344	187	0.06		
		I-17	Interstate	5	34,280	38,118	1.11		
		Grand Ave	6 Leg Arterial	3	5,220	5,185	0.99		
		19th Ave	Major Arterial	3	7,809	3,745	0.48		

Table E-2 Year 2040 Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio
		27th Ave	Major Arterial	3	7,809	3,454	0.44	0.74
		35th Ave	Major Arterial	3	7,809	5,142	0.66	
	SB	I-17	HOV	0	0	0	#DIV/0!	
		I-17	Interstate	5	34,280	30,758	0.90	
		I-17 Frontage Road	Collector	2	3,344	0	0.00	
		Grand Ave	6 Leg Arterial	3	5,220	2,834	0.54	
		19th Ave	Major Arterial	2	5,206	2,676	0.51	
		27th Ave	Major Arterial	2	5,206	2,840	0.55	
		35th Ave	Major Arterial	2	5,206	4,032	0.77	
		Cutline 6	NB	I-17	Interstate	4	27,424	
I-17 Frontage Road	Collector			2	3,344	895	0.27	
I-17	HOV			0	0	0	#DIV/0!	
35th Ave	Major Arterial			3	7,809	5,276	0.68	
27th Ave	Major Arterial			2	5,206	2,932	0.56	
19th Ave	Major Arterial			2	5,206	3,430	0.66	
SB	I-17		Interstate	4	27,424	22,448	0.82	0.65
	I-17 Frontage Road		Collector	2	3,344	408	0.12	
	I-17		HOV	0	0	0	#DIV/0!	
	35th Ave		Major Arterial	2	5,206	3,618	0.70	
	27th Ave	Major Arterial	3	7,809	2,886	0.37		
Cutline 7	EB	I-17	Interstate	3	20,568	16,485	0.80	0.57
		I-17	HOV	0	0	0	#DIV/0!	
		I-17 Frontage Road	Collector	2	3,344	1,990	0.60	
		Jefferson St	Major Arterial	3	7,809	3,244	0.42	

Table E-2 Year 2040 Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio
		Southern Ave	Major Arterial	2	6,068	4,090	0.67	0.72
		Baseline Rd	Major Arterial	3	9,102	4,924	0.54	
		Broadway Rd	Major Arterial	3	8,625	3,562	0.41	
		Lower Buckeye Rd	Major Arterial	2	5,750	4,202	0.73	
		Buckeye Rd	Major Arterial	2	5,206	1,863	0.36	
		Grant St	Collector	2	3,344	747	0.22	
		Van Buren St	Major Arterial	2	5,206	1,910	0.37	
	WB	I-17	Interstate	3	20,568	22,114	1.08	
		I-17	HOV	0	0	0	#DIV/0!	
		I-17 Frontage Road	Collector	2	3,344	783	0.23	
		Washington St	Major Arterial	4	10,412	8,515	0.82	
		Southern Ave	Major Arterial	2	6,068	2,010	0.33	
		Baseline Rd	Major Arterial	3	9,102	2,463	0.27	
		Broadway Rd	Major Arterial	3	8,625	7,041	0.82	
Cutline 8	EB	Lower Buckeye Rd	Major Arterial	2	5,750	3,589	0.62	0.65
		Buckeye Rd	Major Arterial	2	5,206	2,913	0.56	
		Grant St	Collector	2	3,344	1,630	0.49	
		Van Buren St	Major Arterial	2	5,206	4,604	0.88	
		I-10	Interstate	7	47,992	34,999	0.73	
		I-10	HOV	2	13,138	5,724	0.44	
		Air Ln	Collector	1	1,672	344	0.21	
		Van Buren St	Major Arterial	2	5,206	2,098	0.40	
		Washington St	Major Arterial	2	5,206	2,601	0.50	
		Roosevelt St	Collector	2	3,344	550	0.16	
		Baseline Rd	Major Arterial	3	8,625	5,362	0.62	
		Broadway Rd	Major Arterial	3	8,625	6,129	0.71	
		Southern Ave	Major Arterial	2	5,750	3,395	0.59	

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Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio
Cutline 9	WB	Buckeye Rd	Major Arterial	2	5,206	6,408	1.23	0.90
		I-10	HOV	1	6,569	5,928	0.90	
		I-10	Interstate	7	47,992	40,555	0.85	
		Air Ln	Collector	1	1,672	744	0.44	
		Van Buren St	Major Arterial	2	5,206	3,448	0.66	
		Washington St	Major Arterial	2	5,206	3,832	0.74	
		Roosevelt St	Collector	2	3,344	1,024	0.31	
		Baseline Rd	Major Arterial	3	8,625	8,402	0.97	
		Broadway Rd	Major Arterial	2	5,750	6,979	1.21	
		Southern Ave	Major Arterial	2	5,750	5,747	1.00	
		Buckeye Rd	Major Arterial	2	5,206	8,701	1.67	
Cutline 9	EB	I-10	Interstate	5	34,280	35,719	1.04	0.84
		I-10	HOV	2	13,138	5,774	0.44	
		Sky Harbor Blvd	Major Arterial	2	5,206	8,265	1.59	
		Van Buren St	Major Arterial	2	5,206	2,449	0.47	
		Washington St	Major Arterial	2	5,206	3,142	0.60	
		Baseline Rd	Major Arterial	3	8,625	6,653	0.77	
		Southern Ave	Major Arterial	2	5,750	4,256	0.74	
		Broadway Rd	Major Arterial	2	5,206	3,444	0.66	
	WB	University Dr	Major Arterial	2	5,206	4,184	0.80	0.90
		I-10	Interstate	5	34,280	36,384	1.06	
		I-10	HOV	1	6,569	5,347	0.81	
		Sky Harbor Blvd	Major Arterial	2	5,206	6,609	1.27	
		Van Buren St	Major Arterial	2	5,206	2,929	0.56	
		Washington St	Major Arterial	2	5,206	3,187	0.61	
WB	Baseline Rd	Major Arterial	3	8,625	7,295	0.85	0.90	
	Southern Ave	Major Arterial	2	5,750	5,607	0.98		
	Broadway Rd	Major Arterial	3	7,809	4,551	0.58		

Table E-2 Year 2040 Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio
Cutline 10	NB	University Dr	Major Arterial	2	5,206	3,380	0.65	0.67
			C/D Road	3	12,057	11,117	0.92	
		I-10	Interstate	6	41,136	25,423	0.62	
		I-10	HOV	1	6,569	4,538	0.69	
		48th St	Major Arterial	3	8,625	4,101	0.48	
		Priest Dr	Major Arterial	2	5,206	3,823	0.73	
	SB		C/D Road	2	8,038	2,137	0.27	0.85
		I-10	HOV	2	13,138	5,879	0.45	
		I-10	Interstate	5	34,280	39,308	1.15	
		48th St	Major Arterial	2	5,750	3,606	0.63	
		Priest Dr	Major Arterial	2	5,206	5,420	1.04	
Cutline 11	NB	I-10	Interstate	3	21,852	13,340	0.61	0.76
		I-10	HOV	1	6,979	2,844	0.41	
		I-10	Interstate	1	1,672	8,666	5.18	
		I-10	Metered Ramp	1	1,672	4,819	2.88	
		48th St	Major Arterial	3	8,625	4,101	0.48	
		Priest Dr	Major Arterial	3	7,809	3,063	0.39	
	SB	I-10	Unmetered Ramp	1	1,672	3,234	1.93	0.69
		I-10	Interstate	1	1,672	4,734	2.83	
		I-10	C/D Road	2	8,454	2,593	0.31	
		I-10	Interstate	4	29,136	20,906	0.72	
Cutline 12	NB	I-10	HOV	1	6,979	3,072	0.44	0.62
		48th St	Major Arterial	2	5,750	4,454	0.77	
		Priest Dr	Major Arterial	3	7,809	3,495	0.45	
		I-10	HOV	1	6,979	3,211	0.46	
		I-10	Interstate	5	36,420	24,814	0.68	
		Grove Pky	Major Arterial	2	5,750	2,611	0.45	
		48th St	Major Arterial	2	5,750	3,315	0.58	

Table E-2 Year 2040 Conditions PM Peak Period Cutline Analysis

Cutline	Direct.	Road name	Functional class	Lanes	PM capacity	Flow	v/c ratio	Directional screenline v/c ratio
	SB	I-10	HOV	1	6,979	3,570	0.51	0.76
		I-10	Interstate	5	36,420	30,971	0.85	
		Grove Pky	Major Arterial	2	5,750	3,123	0.54	
		48th St	Major Arterial	2	5,750	3,846	0.67	
Cutline 13	NB	I-10	HOV	1	6,979	1,136	0.16	0.48
		I-10	Interstate	5	36,420	19,735	0.54	
		Grove Pky	Major Arterial	1	3,146	2,516	0.80	
		48th St	Major Arterial	1	2,875	171	0.06	
	SB	I-10	HOV	1	6,979	876	0.13	0.51
		I-10	Interstate	5	36,420	21,927	0.60	
		Grove Pky	Major Arterial	1	3,146	2,525	0.80	
		48th St	Major Arterial	1	2,875	92	0.03	

Notes: Prepared by Wilson & Company, February 27, 2014

HOV = high-occupancy vehicle, I-10 = Interstate 10, I-17 = Interstate 17, N/A = not applicable, NB = northbound, SB = southbound, v/c = volume-to-capacity