
Appendix K
Signalized Intersections
Levels of Service Traffic Tables

APPENDIX K

**TABLE K-1 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
EXISTING SCENARIO**

Roadway		Existing No Project		Existing Plus Full SOI Amendment		Existing Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Tiger/Center	Atlantic	A	0.44	A	0.46	A	0.45
Wills	Atlantic St	A	0.60	B	0.63	B	0.62
Yosemite	Atlantic St	A	0.52	A	0.52	A	0.52
Del Webb Blvd	Blue Oaks Blvd			B ₁	0.62	A ₁	0.55
Diamond Creek	Blue Oaks Blvd			A ₁	0.40	A ₁	0.33
Fiddymet Road	Blue Oaks Blvd			A ₂	0.49	A ₂	0.39
Prairie Woods	Blue Oaks Blvd	A	0.18	A	0.40	A	0.38
SR-65 NB Off	Blue Oaks Blvd	A	0.14	A	0.25	A	0.19
Washington Blvd	Blue Oaks Blvd	A	0.33	A	0.49	A	0.47
Woodcreek Oaks	Blue Oaks Blvd	A	0.29	A	0.52	A	0.46
Champion Oaks	Cirby Way	A	0.44	A	0.45	A	0.43
Melody	Cirby Way	B	0.67	C	0.73	C	0.72
Northridge/Lindsay	Cirby Way	B	0.60	B	0.62	B	0.62
Oak Ridge Dr	Cirby Way	A	0.58	A	0.58	A	0.57
Orlando/Marlin	Cirby Way	A	0.54	A	0.52	A	0.53
Parkview	Cirby Way	A	0.48	A	0.49	A	0.48
San Simeon	Cirby Way	B	0.65	B	0.70	B	0.67
Vernon St	Cirby Way	E	0.91	E	0.97	E	1.00
Eureka Rd	Douglas Blvd	C	0.77	C	0.80	C	0.79
Folsom Rd	Douglas Blvd	A	0.52	A	0.56	A	0.54
Harding Blvd	Douglas Blvd	C	0.72	C	0.77	C	0.74
Judah	Douglas Blvd	A	0.55	A	0.57	A	0.55
Keehner/Donner	Douglas Blvd	A	0.37	A	0.36	A	0.37
Park	Douglas Blvd	A	0.32	A	0.34	A	0.33
Riverside Ave/Vern	Douglas Blvd	E	0.94	E	1.00	F	1.01
Rocky Ridge Dr	Douglas Blvd	C	0.74	C	0.73	C	0.74
Roseville Pkwy	Douglas Blvd	A	0.52	A	0.52	A	0.53
Santa Clara Dr	Douglas Blvd	E	0.97	E	0.98	E	0.97
Sierra College	Douglas Blvd	E	0.93	E	0.95	E	0.95
Sierra Gardens	Douglas Blvd	C	0.76	C	0.77	C	0.76
Target	Douglas Blvd	A	0.56	A	0.55	A	0.56
Eureka Rd	Deer Valley	A	0.46	A	0.45	A	0.45

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**TABLE K-1 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
EXISTING SCENARIO**

Roadway		Existing No Project		Existing Plus Full SOI Amendment		Existing Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Eureka Rd	Lead Hill Blvd	A	0.56	A	0.59	A	0.59
Ashland	Eureka Road	A	0.19	A	0.19	A	0.19
Five Star	Fairway Drive	A	0.20	A	0.20	A	0.20
Home Depot	Fairway Drive	A	0.25	A	0.26	A	0.26
Fiddymnt Rd	Baseline Rd	B	0.65	B	0.65	D	0.85
Fiddymnt Rd	Del Webb Blvd			A ₁	0.39	A ₁	0.32
Foothills Blvd	Albertsons	A	0.37	A	0.38	A	0.39
Foothills Blvd	Atkinson Rd	C	0.75	D	0.82	C	0.79
Foothills Blvd	Blue Oaks Blvd	A	0.27	A	0.48	A	0.44
Foothills Blvd	Cirby Way	E	0.96	E	0.99	E	0.94
Foothills Blvd	H.P. South	A	0.30	A	0.31	A	0.30
Foothills Blvd	Junction Blvd	C	0.71	C	0.71	C	0.74
Foothills Blvd	Main St/Baseline	C	0.76	D	0.88	C	0.76
Foothills Blvd	McAnally	A	0.47	A	0.49	A	0.49
Foothills Blvd	Mistywood/NEC	A	0.54	A	0.54	A	0.53
Foothills Blvd	Pleasant Grove	B	0.63	B	0.69	C	0.70
Foothills Blvd	Rand/Pilgrims	A	0.42	A	0.43	A	0.46
Foothills Blvd	Vineyard Rd	A	0.53	A	0.57	A	0.56
Galleria	Antelope Creek	A	0.45	A	0.47	A	0.46
Galleria	Berry	A	0.41	A	0.46	A	0.44
Harding Blvd	Estates Rd	B	0.64	B	0.66	B	0.65
Harding Blvd	Lead Hill Blvd	A	0.55	A	0.57	A	0.56
Harding Blvd	Roseville Square	A	0.50	A	0.50	A	0.50
Harding Blvd	Wills Rd	A	0.44	A	0.46	A	0.45
I-80 WB On	Atlantic St	A	0.47	A	0.46	A	0.46
Americana	Junction Blvd	A	0.32	A	0.40	A	0.34
Country Club	Junction Blvd	A	0.37	A	0.43	A	0.42
Porter	Junction Blvd	A	0.34	A	0.34	A	0.34
Revere	Junction Blvd	A	0.27	A	0.35	A	0.29
Fiddymnt Rd	Pleasant Grove			C ₁	0.72	B ₁	0.69
Hallisey	Pleasant Grove	A	0.30	A	0.35	A	0.32
Sun City Blvd	Pleasant Grove			B ₁	0.62	A ₁	0.58
Washington Blvd	Pleasant Grove	A	0.54	B	0.65	B	0.63
Roseville Pkwy	Pleasant Grove	A	0.42	A	0.50	A	0.46
Riverside Ave	Cirby Way	D	0.89	E	0.94	E	0.93
Riverside Ave	Darling Way	B	0.68	C	0.71	C	0.70
Rocky Ridge Dr	Cirby Way	C	0.72	C	0.76	C	0.73
Rocky Ridge Dr	Eureka Road	D	0.84	D	0.90	D	0.88
Rocky Ridge Dr	Lead Hill Blvd	A	0.53	A	0.54	A	0.55

**TABLE K-1 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
EXISTING SCENARIO**

Roadway		Existing No Project		Existing Plus Full SOI Amendment		Existing Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Rocky Ridge Dr	Maidu	A	0.49	A	0.48	A	0.49
Rocky Ridge Dr	McLaren	A	0.46	A	0.45	A	0.46
Rocky Ridge Dr	Professional	A	0.56	A	0.56	A	0.56
Roseville Pkwy	Eureka Road	A	0.41	A	0.43	A	0.42
Roseville Pkwy	Lead Hill Blvd	A	0.44	A	0.49	A	0.49
Roseville Pkwy	Olympus Dr	A	0.45	A	0.46	A	0.47
Creekside	Roseville Pkwy	A	0.26	A	0.31	A	0.29
Galleria	Roseville Pkwy	A	0.53	A	0.58	A	0.56
Gibson	Roseville Pkwy	A	0.24	A	0.30	A	0.28
N. Cirby	Roseville Pkwy	A	0.42	A	0.41	A	0.41
Old Auburn Rd	Roseville Pkwy	A	0.44	A	0.44	A	0.45
Reserve Drive	Roseville Pkwy	A	0.35	A	0.38	A	0.37
Sierra College	Roseville Pkwy	C	0.73	C	0.75	C	0.74
Taylor Rd	Roseville Pkwy	A	0.39	A	0.43	A	0.42
Washington Blvd	Roseville Pkwy	A	0.14	A	0.16	A	0.16
West Mall	Roseville Pkwy	A	0.35	A	0.40	A	0.38
Sierra College	Eureka Road	A	0.59	B	0.62	B	0.62
Sierra College	Indigo Creek	A	0.31	A	0.33	A	0.32
Sierra College	Old Auburn Rd	C	0.78	C	0.79	C	0.80
Sierra College	Olympus Drive	B	0.64	B	0.65	B	0.65
South Cirby Way	Old Auburn Rd	C	0.74	C	0.72	C	0.71
Stanford Ranch	Fairway Drive	A	0.54	A	0.55	A	0.54
Stanford Ranch	Five Star Blvd	B	0.63	B	0.65	B	0.64
Stanford Ranch	Highlands Dr	A	0.28	A	0.30	A	0.29
Stanford Ranch	SR-65 NB On	A	0.54	A	0.58	A	0.57
Galleria	SR-65 SB On	C	0.72	C	0.77	C	0.75
Sunrise Avenue	Automall	B	0.60	B	0.60	A	0.60
Sunrise Avenue	Cirby Way	F	1.08	F	1.11	F	1.08
Sunrise Avenue	Coloma Way	A	0.57	A	0.58	A	0.58
Sunrise Avenue	Douglas Blvd	E	0.98	E	1.00	E	0.99
Sunrise Avenue	Eureka Rd	D	0.82	D	0.84	D	0.84
Sunrise Avenue	Frances	A	0.50	A	0.51	A	0.51
Sunrise Avenue	Kensington	A	0.57	A	0.58	A	0.58
Sunrise Avenue	Lead Hill Blvd	C	0.80	D	0.86	D	0.85
Sunrise Avenue	Oak Ridge Dr	A	0.56	A	0.58	A	0.57
Sunrise Avenue	Roseville Pkwy	A	0.59	A	0.52	A	0.49
Sunrise Avenue	Sierra Gardens	A	0.59	B	0.60	A	0.59
Taylor Rd	Eureka Road	D	0.88	D	0.90	D	0.90
Grant Street	Vernon Street	A	0.42	A	0.51	A	0.46

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**TABLE K-1 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
EXISTING SCENARIO**

Roadway		Existing No Project		Existing Plus Full SOI Amendment		Existing Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Judah	Vernon Street	A	0.27	A	0.30	A	0.28
Lincoln Street	Vernon Street	A	0.57	B	0.61	A	0.58
Washington Blvd	Hallisey	A	0.17	A	0.19	A	0.19
Washington Blvd	Junction Blvd	A	0.50	A	0.54	A	0.52
Washington Blvd	Main Street	B	0.62	B	0.70	B	0.64
Washington Blvd	Oak Street	A	0.55	B	0.69	B	0.62
Washington Blvd	Sawtell	A	0.53	A	0.59	A	0.58
Woodcreek Oaks	Baseline Road	C	0.75	F	1.08	D	0.88
Woodcreek Oaks	Canevari Road	A	0.39	A	0.39	A	0.39
Woodcreek Oaks	McAnally	A	0.53	A	0.57	C	0.71
Fiddymt Rd	Hayden Pkwy N			A ₁	0.42	A ₁	0.40
Fiddymt Rd	Hayden Pkwy S			A ₁	0.30	A ₁	0.24
West Side Dr	Blue Oaks Blvd			A ₁	0.44	A ₁	0.25
Phillip Rd	Blue Oaks Blvd			A ₁	0.44		
Hayden Pkwy	Blue Oaks Blvd			A ₁	0.44	A ₁	0.36
Fiddymt Rd	Westhills Dr			A ₁	0.41		
Village Center Dr	Pleasant Grv Bl			A ₁	0.37	A ₁	0.26
Bob Doyle Dr	Pleasant Grv Bl			A ₁	0.25	A ₁	0.29
West Side Dr	Pleasant Grv Bl			A ₁	0.55		
Watt Ave	Baseline Rd			F₂	1.31		
Dyer Lane	Baseline Rd			A ₁	0.21		
Fiddymt Rd	SOI EW Street			A ₁	0.43		
Collector C	Pleasant Grv Bl			A ₁	0.33		
NS Street/Fiddymt Rd North	Blue Oaks Blvd			A ₁	0.41	A ₁	0.28

NOTES:

1. Traffic signal may be warranted due to traffic increases from WRSP
2. Represents relocated intersection of Fiddymt Road and Blue Oaks Boulevard within WRSP
3. Intersections operating at LOS "D" or worse conditions are shaded.

SOURCE: DKS Associates 2002

**TABLE K-2 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE SCENARIO**

Roadway		Cumulative No Project		Cumulative Plus Full SOI		Cumulative Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Tiger/Center	Atlantic	C	0.72	C	0.72	C	0.72
Wills	Atlantic St	C	0.76	C	0.76	C	0.75
Yosemite	Atlantic St	D	0.84	D	0.84	D	0.86
Baseline Rd	Junction Blvd	A	0.58	A	0.59	B	0.68
Del Webb Blvd	Blue Oaks Blvd	A	0.25	A	0.55	A	0.43
Diamond Creek	Blue Oaks Blvd	A	0.57	F	1.08	E	0.92
Fiddymnt Road	Blue Oaks Blvd	A	0.32	C ¹	0.70	A	0.55
Prairie Woods	Blue Oaks Blvd	A	0.46	B	0.62	A	0.57
SR-65 NB Off	Blue Oaks Blvd	B	0.68	C	0.70	C	0.70
Washington Blvd	Blue Oaks Blvd	B	0.66	B	0.68	B	0.69
Woodcreek Oaks	Blue Oaks Blvd	C	0.70	D	0.84	C	0.76
Champion Oaks	Cirby Way	C	0.78	B	0.69	C	0.74
Melody	Cirby Way	C	0.72	C	0.73	C	0.72
Northridge/Lindsay	Cirby Way	B	0.62	B	0.62	B	0.62
Oak Ridge Dr	Cirby Way	C	0.72	C	0.70	B	0.67
Orlando/Marlin	Cirby Way	C	0.75	C	0.72	C	0.73
Parkview	Cirby Way	A	0.55	A	0.54	A	0.54
San Simeon	Cirby Way	B	0.68	B	0.70	B	0.68
Vernon St	Cirby Way	E	0.98	F	1.02	E	0.99
Eureka Rd	Douglas Blvd	D	0.87	D	0.86	D	0.85
Folsom Rd	Douglas Blvd	C	0.72	B	0.69	B	0.68
Harding Blvd	Douglas Blvd	F	1.04	F	1.04	F	1.01
I-80 WB Off	Douglas Blvd	C	0.81	C	0.79	C	0.78
Judah	Douglas Blvd	C	0.72	C	0.70	C	
Keehner/Donner	Douglas Blvd	C	0.78	C	0.71	C	0.73
Park	Douglas Blvd	A	0.56	A	0.57	A	0.57
Riverside Ave/Vernon	Douglas Blvd	E	0.95	E	0.98	E	0.99
Rocky Ridge Dr	Douglas Blvd	D	0.88	D	0.86	D	0.87
Roseville Pkwy	Douglas Blvd	C	0.81	C	0.77	C	0.74
Santa Clara Dr	Douglas Blvd	D	0.90	D	0.87	D	0.88
Sierra College	Douglas Blvd	D	0.88	E	0.92	D	0.90
Sierra Gardens	Douglas Blvd	C	0.79	D	0.84	C	0.79
Target	Douglas Blvd	B	0.65	B	0.64	B	0.63
Eureka Rd	Deer Valley	B	0.67	B	0.67	B	0.66
Eureka Rd	Lead Hill Blvd	D	0.89	C	0.81	C	0.80
Ashland	Eureka Road	A	0.51	A	0.50	A	0.50
Central Park	Fairway Drive	A	0.55	A	0.54	A	0.53
Five Star	Fairway Drive	A	0.45	A	0.43	A	0.43
Home Depot	Fairway Drive	B	0.68	B	0.68	B	0.67
Fiddymnt Rd	Baseline Rd	D	0.86	E	0.96	E	0.91

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**TABLE K-2 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE SCENARIO**

Roadway		Cumulative No Project		Cumulative Plus Full SOI		Cumulative Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Fiddymnt Rd	Collector O	A	0.40	A	0.18	A	0.19
Fiddymnt Rd	Del Webb Blvd	A	0.25	A	0.51	A	0.47
Foothills Blvd	Albertsons	A	0.55	A	0.55	A	0.55
Foothills Blvd	Atkinson Rd	A		A		A	
Foothills Blvd	Blue Oaks Blvd	C	0.81	F	1.14	F	1.03
Foothills Blvd	Cirby Way	E	0.94	E	0.93	E	0.93
Foothills Blvd	H.P. South	C	0.78	C	0.74	C	0.75
Foothills Blvd	Junction Blvd	D	0.86	D	0.88	D	0.85
Foothills Blvd	Main St/Baseline	D	0.86	D	0.88	D	0.88
Foothills Blvd	McAnally	C	0.79	C	0.79	C	0.80
Foothills Blvd	Mistywood/NEC	C	0.78	C	0.77	C	0.78
Foothills Blvd	Pleasant Grove	D	0.87	D	0.89	D	0.87
Foothills Blvd	Rand/Pilgrims	C	0.70	B	0.68	B	0.70
Foothills Blvd	Roseville Pkwy/HP	C	0.74	C	0.73	C	0.71
Foothills Blvd	Vineyard Rd	D	0.89	E	0.96	D	0.88
Galleria	Antelope Creek	D	0.82	D	0.82	D	0.82
Galleria	Berry	D	0.85	D	0.84	D	0.84
Harding Blvd	Estates Rd	E	0.94	E	0.95	E	0.95
Harding Blvd	Lead Hill Blvd	E	0.92	E	0.94	E	0.95
Harding Blvd	Roseville Square	A	0.50	A	0.50	A	0.50
Harding Blvd	Wills Rd	D	0.89	D	0.88	D	0.88
I-80 WB On	Atlantic St	C	0.75	C	0.73	C	0.72
Americana	Junction Blvd	A	0.38	A	0.47	A	0.43
Country Club	Junction Blvd	B	0.60	B	0.67	B	0.64
Park Regency	Junction Blvd	A	0.40	A	0.52	A	0.45
Porter	Junction Blvd	A	0.58	B	0.66	B	0.61
Revere	Junction Blvd	A	0.51	A	0.59	A	0.58
Stonecrest	Junction Blvd	A	0.37	C	0.71	A	0.54
Lincoln St	Oak Street	C	0.75	C	0.77	C	0.76
Country Club	Pleasant Grove	A	0.57	A	0.56	A	0.58
Fiddymnt Rd	Pleasant Grove	A	0.59	D	0.85	D	0.85
Hallisey	Pleasant Grove	B	0.66	C	0.70	B	0.65
SR-65 NB Off	Pleasant Grove	A	0.56	A	0.54	A	0.54
SR-65 SB Off	Pleasant Grove	A	0.52	A	0.51	A	0.50
Sun City Blvd	Pleasant Grove	A	0.45	B	0.62	A	0.48
Washington Blvd	Pleasant Grove	E	0.91	E	0.96	E	0.92
Woodcreek Oaks	Pleasant Grove	B	0.69	C	0.74	C	0.72
Pleasant Grove	Fairway Drive	C	0.75	C	0.75	C	0.75
Pleasant Grove	Highland Drive	A	0.51	A	0.51	A	0.51
Roseville Pkwy	Pleasant Grove	E	0.95	E	0.97	E	0.96
Riverside Ave	Cirby Way	E	0.97	E	0.96	E	0.94

**TABLE K-2 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE SCENARIO**

Roadway		Cumulative No Project		Cumulative Plus Full SOI		Cumulative Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Riverside Ave	Darling Way	D	0.90	D	0.84	D	0.86
Riverside Ave	I-80 WB Off ramp	A	0.08	A	0.07	A	0.08
Rocky Ridge Dr	Cirby Way	B	0.67	B	0.66	B	0.65
Rocky Ridge Dr	Eureka Road	C	0.71	C	0.71	C	0.71
Rocky Ridge Dr	Lead Hill Blvd	D	0.89	D	0.83	D	0.85
Rocky Ridge Dr	Maidu	B	0.69	B	0.68	B	0.68
Rocky Ridge Dr	McLaren	B	0.66	B	0.65	B	0.67
Rocky Ridge Dr	Professional	C	0.73	C	0.72	C	0.73
Roseville Pkwy	Alexandria	A	0.44	A	0.45	A	0.44
Roseville Pkwy	Eureka Road	C	0.73	C	0.77	C	0.79
Roseville Pkwy	Lead Hill Blvd	B	0.61	B	0.62	B	0.61
Roseville Pkwy	Olympus Dr	D	0.87	D	0.86	D	0.86
Roseville Pkwy	Rocky Ridge Dr	A	0.59	A	0.59	A	0.59
Roseville Pkwy	Secret Ravine	B	0.63	B	0.64	B	0.64
Roseville Pkwy	Village/Slade	B	0.61	A	0.58	A	0.59
Creekside	Roseville Pkwy	C	0.73	C	0.72	C	0.73
Galleria	Roseville Pkwy	F	1.13	F	1.20	F	1.17
Gibson	Roseville Pkwy	C	0.78	D	0.85	D	0.82
N. Cirby	Roseville Pkwy	C	0.71	B	0.68	B	0.69
Old Auburn Rd	Roseville Pkwy	B	0.61	A	0.55	A	0.57
Reserve Drive	Roseville Pkwy	E	0.96	E	1.00	E	0.98
Sierra College	Roseville Pkwy	D	0.83	D	0.85	D	0.85
Taylor Rd	Roseville Pkwy	D	0.82	D	0.84	D	0.84
Washington Blvd	Roseville Pkwy	C	0.81	C	0.78	C	0.77
West Mall	Roseville Pkwy	B	0.68	C	0.70	B	0.68
Sierra College	Eureka Road	C	0.77	C	0.78	C	0.77
Sierra College	Indigo Creek	C	0.74	C	0.71	C	0.73
Sierra College	Old Auburn Rd	C	0.78	C	0.74	C	0.75
Sierra College	Olympus Drive	C	0.71	B	0.70	B	0.70
Sierra College	Secret Ravine	A	0.55	A	0.56	A	0.55
South Cirby Way	Old Auburn Rd	D	0.87	D	0.84	D	0.85
Stanford Ranch	Fairway Drive	B	0.63	B	0.66	B	0.65
Stanford Ranch	Five Star Blvd	C	0.80	C	0.80	C	0.80
Stanford Ranch	Highlands Dr	B	0.61	B	0.60	B	0.61
Stanford Ranch	SR-65 NB On	B	0.68	B	0.69	B	0.69
Galleria	SR-65 SB On	C	0.73	C	0.75	C	0.74
Sunrise Avenue	Automall	C	0.73	C	0.72	C	0.72
Sunrise Avenue	Cirby Way	F	1.09	F	1.09	F	1.12
Sunrise Avenue	Coloma Way	F	1.09	F	1.08	F	1.09
Sunrise Avenue	Douglas Blvd	E	0.99	E	0.93	E	0.98
Sunrise Avenue	Eureka Rd	F	1.09	F	1.09	F	1.10

Appendix K

**TABLE K-2 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE SCENARIO**

Roadway		Cumulative No Project		Cumulative Plus Full SOI		Cumulative Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Sunrise Avenue	Frances	B	0.68	B	0.67	B	0.67
Sunrise Avenue	Kensington	D	0.88	D	0.83	C	0.81
Sunrise Avenue	Lead Hill Blvd	F	1.02	F	1.04	F	1.02
Sunrise Avenue	Oak Ridge Dr	E	0.95	E	0.92	E	0.93
Sunrise Avenue	Roseville Pkwy	B	0.65	B	0.66	B	0.65
Sunrise Avenue	Sierra Gardens	D	0.85	D	0.83	D	0.84
Sunrise Avenue	Suntree	B	0.62	B	0.62	B	0.62
Taylor Rd	Eureka Road	E	0.94	E	0.91	E	0.91
Grant Street	Vernon Street	E	0.91	E	0.95	E	0.97
Judah	Vernon Street	A	0.58	A	0.58	A	0.59
Lincoln Street	Vernon Street	D	0.90	D	0.90	E	0.93
Washington Blvd	Diamond Oaks	B	0.69	C	0.71	B	0.70
Washington Blvd	Hallisey	A	0.46	A	0.46	A	0.45
Washington Blvd	Industrial Ave	B	0.61	B	0.60	A	0.60
Washington Blvd	Junction Blvd	C	0.80	D	0.83	D	0.84
Washington Blvd	Main Street	E	0.98	E	0.91	E	0.97
Washington Blvd	Oak Street	A	0.58	A	0.59	A	0.56
Washington Blvd	Sawtell	C	0.74	C	0.74	C	0.73
Woodcreek Oaks	Baseline Road	C	0.74	C	0.80	C	0.74
Woodcreek Oaks	Canevari Road	A	0.56	B	0.64	A	0.53
Woodcreek Oaks	Junction Blvd	A	0.56	B	0.69	C	0.72
Woodcreek Oaks	McAnally	B	0.64	A	0.60	B	0.69
Target Entrance	Fairway Drive	C ²		C ²		C ²	
WalMart Entrance	Lead Hill Blvd	C ²		C ²		C ²	
Pleasant Grove Blvd	WalMart Entrance	C ²		C ²		C ²	
Roseville Parkway	Trestle Drive	C ²		C ²		C ²	
HP Road A	Blue Oaks Blvd	C ²		C ²		C ²	
HP Road B	Blue Oaks Blvd	C ²		C ²		C ²	
Fiddymnt Rd	Hayden Pkwy N			A ³	0.42	A ³	0.37
Fiddymnt Rd	Hayden Pkwy S			A ³	0.49	A ³	0.43
West Side Dr	Blue Oaks Blvd			A ³	0.43	A ³	0.20
Phillip Rd	Blue Oaks Blvd			A ³	0.44		
Hayden Pkwy	Blue Oaks Blvd			A ³	0.51	A ³	0.38
Westpark Dr	Collector C			A ³	0.28		
Fiddymnt Rd	Westhills Dr			C ³	0.75	B ³	0.63
Village Center Dr	Pleasant Grv Bl			A ³	0.43	A ³	0.27
Bob Doyle Dr	Pleasant Grv Bl			A ³	0.34	A ³	0.34
West Side Dr	Pleasant Grv Bl			B ³	0.67		
Westpark Dr	SOI EW Street			A ³	0.20		
Watt Ave	Baseline Rd			E ³	0.98		
Dyer Lane	Baseline Rd			A ³	0.57		

**TABLE K-2 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE SCENARIO**

Roadway		Cumulative No Project		Cumulative Plus Full SOI		Cumulative Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Fiddymt Rd	SOI EW Street			C ³	0.77		
Collector C	Pleasant Grv Bl			B ³	0.63		
Watt Ave	Collector C			A ³	0.39		
NS Street/Fiddymt Rd North	Blue Oaks Blvd			A ³	0.55	A ³	0.52

NOTES:

1. Represents relocated intersection of Fiddymt Road and Blue Oaks Boulevard within WRSP
2. Intersection that the City intends to signalize and ones that would have relatively low "minor street" volumes that would clearly allow LOS "C" or better conditions at buildout of the City.
3. Traffic signal may be warranted due to traffic increases from WRSP
4. The signal at the intersection of Foothill Boulevard and Atkinson Road will be eliminated by the addition of a second loop ramp under the 2020 CIP thus providing LOS "A" conditions at this intersection
5. Intersections operating at LOS "D" or worse conditions are shaded.

SOURCE: DKS Associates 2002

**TABLE K-3 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE WITH KAISER EXPANSION SCENARIO**

Roadway		Cumulative With Kaiser Expansion No Project		Cumulative With Kaiser Expansion Plus Full SOI		Cumulative With Kaiser Expansion Plus WRSP	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Tiger/Center	Atlantic	C	0.72	C	0.73	C	0.73
Wills	Atlantic St	C	0.76	C	0.75	C	0.78
Yosemite	Atlantic St	D	0.84	D	0.87	D	0.84
Baseline Rd	Junction Blvd	A	0.59	B	0.63	B	0.67
Del Webb Blvd	Blue Oaks Blvd	A	0.24	A	0.55	A	0.43
Diamond Creek	Blue Oaks Blvd	A	0.56	F	1.09	E	0.93
Fiddymt Road	Blue Oaks Blvd	A	0.32	B ₁	0.69	A ₁	0.56
Prairie Woods	Blue Oaks Blvd	A	0.46	B	0.62	A	0.57
SR-65 NB Off	Blue Oaks Blvd	B	0.68	C	0.70	C	0.71
Washington Blvd	Blue Oaks Blvd	B	0.66	C	0.69	C	0.71
Woodcreek Oaks	Blue Oaks Blvd	C	0.71	D	0.85	C	0.77
Champion Oaks	Cirby Way	C	0.80	C	0.70	C	0.76
Melody	Cirby Way	C	0.72	C	0.73	C	0.73
Northridge/Lindsay	Cirby Way	B	0.63	B	0.62	B	0.62
Oak Ridge Dr	Cirby Way	C	0.73	C	0.72	C	0.71
Orlando/Marlin	Cirby Way	C	0.75	C	0.72	C	0.76
Parkview	Cirby Way	A	0.56	A	0.56	A	0.56
San Simeon	Cirby Way	B	0.69	C	0.70	B	0.69
Vernon St	Cirby Way	E	0.98	F	1.02	E	0.98
Eureka Rd	Douglas Blvd	D	0.89	D	0.86	E	0.91

Appendix K

**TABLE K-3 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE WITH KAISER EXPANSION SCENARIO**

Roadway		Cumulative With Kaiser Expansion No Project		Cumulative With Kaiser Expansion Plus Full SOI		Cumulative With Kaiser Expansion Plus WRSP	
		LOS	V/C	LOS	V/C	LOS	V/C
North-south	East-west						
Folsom Rd	Douglas Blvd	C	0.73	C	0.71	C	0.73
Harding Blvd	Douglas Blvd	F	1.03	F	1.02	F	1.04
I-80 WB Off	Douglas Blvd	C	0.81	C	0.81	C	0.79
Judah	Douglas Blvd	C	0.70	C	0.70	C	0.70
Keehner/Donner	Douglas Blvd	C	0.75	C	0.71	C	0.73
Park	Douglas Blvd	A	0.58	A	0.59	A	0.59
Riverside Ave/Vernon	Douglas Blvd	E	0.97	E	1.00	E	0.99
Rocky Ridge Dr	Douglas Blvd	E	0.94	E	0.92	E	0.93
Roseville Pkwy	Douglas Blvd	D	0.83	C	0.78	C	0.77
Santa Clara Dr	Douglas Blvd	E	0.92	E	0.96	E	0.90
Sierra College	Douglas Blvd	E	0.91	E	0.93	D	0.90
Sierra Gardens	Douglas Blvd	D	0.86	D	0.82	D	0.85
Target	Douglas Blvd	B	0.66	B	0.64	B	0.65
Eureka Rd	Deer Valley	B	0.69	B	0.67	B	0.69
Eureka Rd	Lead Hill Blvd	E	0.93	D	0.84	E	0.91
Ashland	Eureka Road	A	0.52	A	0.51	A	0.51
Central Park	Fairway Drive	A	0.55	A	0.54	A	0.54
Five Star	Fairway Drive	A	0.44	A	0.44	A	0.43
Home Depot	Fairway Drive	B	0.67	B	0.68	B	0.67
Fiddymnt Rd	Baseline Rd	D	0.87	E	0.96	E	0.91
Fiddymnt Rd	Collector O	A	0.40	A	0.18	A	0.18
Fiddymnt Rd	Del Webb Blvd	A	0.25	A	0.51	A	0.47
Foothills Blvd	Albertsons	A	0.55	A	0.56	A	0.55
Foothills Blvd	Atkinson Rd	A ₄		A ₄		A ₄	
Foothills Blvd	Blue Oaks Blvd	D	0.81	F	1.14	F	1.03
Foothills Blvd	Cirby Way	E	0.96	E	0.94	E	0.95
Foothills Blvd	H.P. South	C	0.78	C	0.73	C	0.76
Foothills Blvd	Junction Blvd	D	0.87	D	0.89	D	0.86
Foothills Blvd	Main St/Baseline	D	0.86	D	0.88	D	0.87
Foothills Blvd	McAnally	C	0.79	C	0.79	C	0.80
Foothills Blvd	Mistywood/NEC	C	0.78	C	0.77	C	0.78
Foothills Blvd	Pleasant Grove	D	0.89	E	0.91	D	0.89
Foothills Blvd	Rand/Pilgrims	C	0.70	B	0.68	B	0.70
Foothills Blvd	Roseville Pkwy/HP	C	0.74	C	0.74	C	0.73
Foothills Blvd	Vineyard Rd	D	0.90	E	0.95	D	0.91
Galleria	Antelope Creek	C	0.81	C	0.81	D	0.83
Galleria	Berry	D	0.85	D	0.83	D	0.84
Harding Blvd	Estates Rd	E	0.93	E	0.96	E	0.94
Harding Blvd	Lead Hill Blvd	E	0.94	E	0.95	E	0.95
Harding Blvd	Roseville Square	A	0.50	A	0.50	A	0.50

**TABLE K-3 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE WITH KAISER EXPANSION SCENARIO**

Roadway		Cumulative With Kaiser Expansion No Project		Cumulative With Kaiser Expansion Plus Full SOI		Cumulative With Kaiser Expansion Plus WRSP	
		LOS	V/C	LOS	V/C	LOS	V/C
North-south	East-west						
Harding Blvd	Wills Rd	D	0.87	D	0.89	D	0.89
I-80 WB On	Atlantic St	C	0.73	C	0.74	C	0.72
Americana	Junction Blvd	A	0.38	A	0.48	A	0.43
Country Club	Junction Blvd	A	0.60	B	0.66	B	0.62
Park Regency	Junction Blvd	A	0.40	A	0.51	A	0.46
Porter	Junction Blvd	A	0.58	B	0.67	B	0.60
Revere	Junction Blvd	A	0.51	A	0.59	A	0.58
Stonecrest	Junction Blvd	A	0.36	B	0.70	A	0.55
Lincoln St	Oak Street	C	0.77	C	0.78	C	0.77
Country Club	Pleasant Grove	A	0.57	A	0.56	B	0.60
Fiddymt Rd	Pleasant Grove	A	0.59	D	0.85	D	0.85
Hallisey	Pleasant Grove	B	0.66	C	0.72	B	0.66
SR-65 NB Off	Pleasant Grove	A	0.56	A	0.54	A	0.54
SR-65 SB Off	Pleasant Grove	A	0.52	A	0.51	A	0.51
Sun City Blvd	Pleasant Grove	A	0.45	B	0.62	A	0.48
Washington Blvd	Pleasant Grove	E	0.91	E	0.95	E	0.93
Woodcreek Oaks	Pleasant Grove	B	0.70	C	0.74	C	0.72
Pleasant Grove	Fairway Drive	C	0.74	C	0.74	C	0.76
Pleasant Grove	Highland Drive	A	0.51	A	0.51	A	0.50
Roseville Pkwy	Pleasant Grove	E	0.95	E	0.97	E	0.97
Riverside Ave	Cirby Way	E	0.98	E	0.97	E	0.98
Riverside Ave	Darling Way	D	0.88	D	0.85	D	0.88
Riverside Ave	I-80 WB Off ramp	A	0.44	A	0.44	A	0.44
Rocky Ridge Dr	Cirby Way	B	0.69	B	0.66	B	0.67
Rocky Ridge Dr	Eureka Road	C	0.74	C	0.74	C	0.72
Rocky Ridge Dr	Lead Hill Blvd	D	0.85	D	0.85	C	0.80
Rocky Ridge Dr	Maidu	C	0.70	B	0.68	B	0.69
Rocky Ridge Dr	McLaren	B	0.67	B	0.66	B	0.66
Rocky Ridge Dr	Professional	C	0.72	C	0.73	C	0.72
Roseville Pkwy	Alexandria	A	0.43	A	0.45	A	0.45
Roseville Pkwy	Eureka Road	C	0.76	C	0.81	C	0.76
Roseville Pkwy	Lead Hill Blvd	B	0.63	B	0.63	B	0.64
Roseville Pkwy	Olympus Dr	D	0.89	D	0.86	D	0.90
Roseville Pkwy	Rocky Ridge Dr	A	0.59	B	0.60	B	0.60
Roseville Pkwy	Secret Ravine	B	0.64	B	0.64	B	0.64
Roseville Pkwy	Village/Slade	B	0.61	A	0.59	B	0.60
Creekside	Roseville Pkwy	C	0.73	C	0.72	C	0.73
Galleria	Roseville Pkwy	F	1.13	F	1.20	F	1.17
Gibson	Roseville Pkwy	C	0.78	D	0.84	D	0.83
N. Cirby	Roseville Pkwy	B	0.69	B	0.69	B	0.69

Appendix K

**TABLE K-3 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE WITH KAISER EXPANSION SCENARIO**

Roadway		Cumulative With Kaiser Expansion No Project		Cumulative With Kaiser Expansion Plus Full SOI		Cumulative With Kaiser Expansion Plus WRSP	
		LOS	V/C	LOS	V/C	LOS	V/C
North-south	East-west						
Old Auburn Rd	Roseville Pkwy	A	0.58	A	0.54	A	0.59
Reserve Drive	Roseville Pkwy	E	0.96	F	1.01	E	0.98
Sierra College	Roseville Pkwy	D	0.90	D	0.85	D	0.83
Taylor Rd	Roseville Pkwy	D	0.82	D	0.84	D	0.84
Washington Blvd	Roseville Pkwy	C	0.79	C	0.77	C	0.78
West Mall	Roseville Pkwy	B	0.68	C	0.70	B	0.68
Sierra College	Eureka Road	C	0.78	C	0.76	C	0.80
Sierra College	Indigo Creek	C	0.73	C	0.72	C	0.74
Sierra College	Old Auburn Rd	C	0.76	C	0.75	C	0.75
Sierra College	Olympus Drive	C	0.72	C	0.70	C	0.70
Sierra College	Secret Ravine	A	0.57	A	0.57	A	0.57
South Cirby Way	Old Auburn Rd	D	0.89	D	0.86	D	0.90
Stanford Ranch	Fairway Drive	B	0.64	B	0.67	B	0.66
Stanford Ranch	Five Star Blvd	C	0.81	C	0.81	C	0.81
Stanford Ranch	Highlands Dr	B	0.62	B	0.62	B	0.63
Stanford Ranch	SR-65 NB On	B	0.68	C	0.70	C	0.70
Galleria	SR-65 SB On	C	0.72	C	0.73	C	0.73
Sunrise Avenue	Automall	C	0.73	C	0.71	C	0.72
Sunrise Avenue	Cirby Way	F	1.13	F	1.02	F	1.12
Sunrise Avenue	Coloma Way	F	1.11	F	1.08	F	1.10
Sunrise Avenue	Douglas Blvd	E	1.00	E	0.95	E	0.97
Sunrise Avenue	Eureka Rd	F	1.14	F	1.10	F	1.13
Sunrise Avenue	Frances	B	0.69	B	0.67	B	0.68
Sunrise Avenue	Kensington	D	0.83	D	0.86	C	0.81
Sunrise Avenue	Lead Hill Blvd	F	1.02	E	0.99	E	0.99
Sunrise Avenue	Oak Ridge Dr	E	0.91	E	0.93	D	0.89
Sunrise Avenue	Roseville Pkwy	B	0.66	B	0.66	B	0.65
Sunrise Avenue	Sierra Gardens	D	0.85	D	0.86	D	0.84
Sunrise Avenue	Suntree	B	0.63	B	0.62	B	0.63
Taylor Rd	Eureka Road	E	0.93	D	0.89	D	0.90
Grant Street	Vernon Street	E	0.91	E	0.93	E	0.95
Judah	Vernon Street	A	0.57	A	0.57	A	0.58
Lincoln Street	Vernon Street	D	0.89	D	0.90	D	0.90
Washington Blvd	Diamond Oaks	B	0.69	C	0.71	C	0.70
Washington Blvd	Hallisey	A	0.46	A	0.46	A	0.45
Washington Blvd	Industrial Ave	B	0.62	A	0.60	A	0.59
Washington Blvd	Junction Blvd	C	0.80	D	0.83	D	0.84
Washington Blvd	Main Street	E	0.96	D	0.89	E	0.97
Washington Blvd	Oak Street	C	0.79	A	0.60	A	0.58
Washington Blvd	Sawtell	C	0.74	C	0.74	C	0.74

**TABLE K-3 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF SERVICE
CUMULATIVE WITH KAISER EXPANSION SCENARIO**

Roadway		Cumulative With Kaiser Expansion No Project		Cumulative With Kaiser Expansion Plus Full SOI		Cumulative With Kaiser Expansion Plus WRSP	
		LOS	V/C	LOS	V/C	LOS	V/C
North-south	East-west						
Woodcreek Oaks	Baseline Road	C	0.74	C	0.80	C	0.74
Woodcreek Oaks	Canevari Road	A	0.56	B	0.65	A	0.53
Woodcreek Oaks	Junction Blvd	A	0.54	C	0.72	C	0.72
Woodcreek Oaks	McAnally	B	0.65	B	0.61	B	0.69
Target Entrance	Fairway Drive	C ²		C ²		C ²	
WalMart Entrance	Lead Hill Blvd	C ²		C ²		C ²	
Pleasant Grove Blvd	WalMart Entrance	C ²		C ²		C ²	
Roseville Parkway	Trestle Drive	C ²		C ²		C ²	
HP Road A	Blue Oaks Blvd	C ²		C ²		C ²	
HP Road B	Blue Oaks Blvd	C ²		C ²		C ²	
Fiddymnt Rd	Hayden Pkwy N			A ³	0.41	A ³	0.37
Fiddymnt Rd	Hayden Pkwy S			A ³	0.49	A ³	0.43
West Side Dr	Blue Oaks Blvd			A ³	0.43	A ³	0.20
Phillip Rd	Blue Oaks Blvd			A ³	0.45		
Hayden Pkwy	Blue Oaks Blvd			A ³	0.51	A ³	0.38
Westpark Dr	Collector C			A ³	0.28		
Fiddymnt Rd	Westhills Dr			C ³	0.74	B ³	0.63
Village Center Dr	Pleasant Grv Bl			A ³	0.43	A ³	0.27
Bob Doyle Dr	Pleasant Grv Bl			A ³	0.34	A ³	0.34
West Side Dr	Pleasant Grv Bl			B ³	0.65		
Westpark Dr	SOI EW Street			A ³	0.21		
Watt Ave	Baseline Rd			D ³	0.88		
Dyer Lane	Baseline Rd			A ³	0.57		
Fiddymnt Rd	SOI EW Street			C ³	0.75		
Collector C	Pleasant Grv Bl			B ³	0.61		
Watt Ave	Collector C			A ³	0.39		
NS Street/Fiddymnt Rd North	Blue Oaks Blvd			A ³	0.55	A ³	0.52

NOTES:

1. Represents relocated intersection of Fiddymnt Road and Blue Oaks Boulevard within WRSP
2. Intersection that the City intends to signalize and ones that would have relatively low "minor street" volumes that would clearly allow LOS "C" or better conditions at buildout of the City.
3. Traffic signal may be warranted due to traffic increases from WRSP
4. The signal at the intersection of Foothill Boulevard and Atkinson Road will be eliminated by the addition of a second loop ramp under the 2020 CIP thus providing LOS "A" conditions at this intersection
5. Intersections operating at LOS "D" or worse conditions are shaded.

SOURCE: DKS Associates 2002

Appendix K

**TABLE K-4 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF
SERVICE CUMULATIVE SCENARIO
WITH PLACER PARKWAY**

Roadway		Cumulative No Project No Placer Parkway		Cumulative Plus Full SOI No Placer Parkway		Cumulative Plus Full SOI With Placer Parkway	
		LOS	V/C	LOS	V/C	LOS	V/C
North-south	East-west						
Tiger/Center	Atlantic	C	0.72	C	0.72	C	0.71
Wills	Atlantic St	C	0.76	C	0.76	C	0.76
Yosemite	Atlantic St	D	0.84	D	0.84	D	0.82
Baseline Rd	Junction Blvd	A	0.58	A	0.59	A	0.57
Del Webb Blvd	Blue Oaks Blvd	A	0.25	A	0.55	A	0.47
Diamond Creek	Blue Oaks Blvd	A	0.57	F	1.08	D	0.90
Fiddymt Road	Blue Oaks Blvd	A	0.32	C'	0.70	B'	0.63
Prairie Woods	Blue Oaks Blvd	A	0.46	B	0.62	A	0.58
SR-65 NB Off	Blue Oaks Blvd	B	0.68	C	0.70	C	0.71
Washington Blvd	Blue Oaks Blvd	B	0.66	B	0.68	A	0.59
Woodcreek Oaks	Blue Oaks Blvd	C	0.71	D	0.84	C	0.75
Champion Oaks	Cirby Way	C	0.78	B	0.69	B	0.68
Melody	Cirby Way	C	0.72	C	0.73	C	0.73
Northridge/Lindsay	Cirby Way	B	0.62	B	0.62	B	0.62
Oak Ridge Dr	Cirby Way	C	0.72	C	0.70	B	0.69
Orlando/Marlin	Cirby Way	C	0.75	C	0.72	C	0.72
Parkview	Cirby Way	A	0.55	A	0.54	A	0.54
San Simeon	Cirby Way	B	0.68	B	0.70	B	0.70
Vernon St	Cirby Way	E	0.98	F	1.02	E	0.99
Eureka Rd	Douglas Blvd	D	0.87	D	0.86	D	0.85
Folsom Rd	Douglas Blvd	C	0.72	B	0.69	C	0.71
Harding Blvd	Douglas Blvd	F	1.04	F	1.04	E	0.98
I-80 WB Off	Douglas Blvd	C	0.81	C	0.79	D	0.83
Judah	Douglas Blvd	C	0.72	C	0.70	C	0.70
Keehner/Donner	Douglas Blvd	C	0.78	C	0.71	B	0.67
Park	Douglas Blvd	A	0.56	A	0.57	A	0.55
Riverside Ave/Vernon	Douglas Blvd	E	0.95	E	0.98	E	0.96
Rocky Ridge Dr	Douglas Blvd	D	0.88	D	0.86	D	0.86
Roseville Pkwy	Douglas Blvd	C	0.81	C	0.77	C	0.75
Santa Clara Dr	Douglas Blvd	D	0.90	D	0.87	D	0.86
Sierra College	Douglas Blvd	D	0.88	E	0.92	D	0.87
Sierra Gardens	Douglas Blvd	C	0.79	D	0.84	D	0.82
Target	Douglas Blvd	B	0.65	B	0.64	B	0.64
Eureka Rd	Deer Valley	B	0.67	B	0.67	B	0.67
Eureka Rd	Lead Hill Blvd	D	0.89	C	0.81	D	0.82
Ashland	Eureka Road	A	0.51	A	0.50	A	0.49
Central Park	Fairway Drive	A	0.55	A	0.54	A	0.53

**TABLE K-4 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF
SERVICE CUMULATIVE SCENARIO
WITH PLACER PARKWAY**

Roadway		Cumulative No Project No Placer Parkway		Cumulative Plus Full SOI No Placer Parkway		Cumulative Plus Full SOI With Placer Parkway	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Five Star	Fairway Drive	A	0.45	A	0.43	A	0.42
Home Depot	Fairway Drive	B	0.68	B	0.68	B	0.67
Fiddymt Rd	Baseline Rd	D	0.86	E	0.96	D	0.89
Fiddymt Rd	Collector O	A	0.40	A	0.18	A	0.15
Fiddymt Rd	Del Webb Blvd	A	0.25	A	0.51	A	0.50
Foothills Blvd	Albertsons	A	0.55	A	0.55	A	0.56
Foothills Blvd	Atkinson Rd	A ₄		A ₄		A ₄	
Foothills Blvd	Blue Oaks Blvd	C	0.81	F	1.14	E	1.00
Foothills Blvd	Cirby Way	E	0.94	E	0.93	D	0.89
Foothills Blvd	H.P. South	C	0.78	C	0.74	B	0.70
Foothills Blvd	Junction Blvd	D	0.86	D	0.88	D	0.83
Foothills Blvd	Main St/Baseline	D	0.86	D	0.88	D	0.85
Foothills Blvd	McAnally	C	0.79	C	0.79	C	0.78
Foothills Blvd	Mistywood/NEC	C	0.78	C	0.77	C	0.75
Foothills Blvd	Pleasant Grove	D	0.87	D	0.89	D	0.84
Foothills Blvd	Rand/Pilgrims	C	0.70	B	0.68	B	0.67
Foothills Blvd	Roseville Pkwy/HP	C	0.74	C	0.73	B	0.67
Foothills Blvd	Vineyard Rd	D	0.89	E	0.96	E	0.91
Galleria	Antelope Creek	D	0.82	D	0.82	D	0.89
Galleria	Berry	D	0.85	D	0.84	D	0.83
Harding Blvd	Estates Rd	E	0.94	E	0.95	D	0.89
Harding Blvd	Lead Hill Blvd	E	0.92	E	0.94	E	0.95
Harding Blvd	Roseville Square	A	0.50	A	0.50	A	0.50
Harding Blvd	Wills Rd	D	0.89	D	0.88	D	0.87
I-80 WB On	Atlantic St	C	0.75	C	0.73	C	0.71
Americana	Junction Blvd	A	0.38	A	0.47	A	0.44
Country Club	Junction Blvd	B	0.60	B	0.67	B	0.61
Park Regency	Junction Blvd	A	0.40	A	0.52	A	0.44
Porter	Junction Blvd	A	0.58	B	0.66	B	0.60
Revere	Junction Blvd	A	0.51	A	0.59	A	0.54
Stonecrest	Junction Blvd	A	0.37	C	0.71	A	0.55
Lincoln St	Oak Street	C	0.75	C	0.77	C	0.75
Country Club	Pleasant Grove	A	0.57	A	0.56	A	0.52
Fiddymt Rd	Pleasant Grove	A	0.59	D	0.85	C	0.77
Hallisey	Pleasant Grove	B	0.66	C	0.70	B	0.70
SR-65 NB Off	Pleasant Grove	A	0.56	A	0.54	A	0.51
SR-65 SB Off	Pleasant Grove	A	0.52	A	0.51	A	0.48
Sun City Blvd	Pleasant Grove	A	0.45	B	0.62	A	0.58
Washington Blvd	Pleasant Grove	E	0.91	E	0.96	E	0.92

Appendix K

**TABLE K-4 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF
SERVICE CUMULATIVE SCENARIO
WITH PLACER PARKWAY**

Roadway		Cumulative No Project No Placer Parkway		Cumulative Plus Full SOI No Placer Parkway		Cumulative Plus Full SOI With Placer Parkway	
		LOS	V/C	LOS	V/C	LOS	V/C
North-south	East-west						
Woodcreek Oaks	Pleasant Grove	B	0.69	C	0.74	B	0.62
Pleasant Grove	Fairway Drive	C	0.75	C	0.75	C	0.75
Pleasant Grove	Highland Drive	A	0.51	A	0.51	A	0.49
Roseville Pkwy	Pleasant Grove	E	0.95	E	0.97	E	0.95
Riverside Ave	Cirby Way	E	0.97	E	0.96	E	0.99
Riverside Ave	Darling Way	D	0.90	D	0.84	C	0.80
Riverside Ave	I-80 WB Off ramp	A	0.08	A	0.07	A	0.07
Rocky Ridge Dr	Cirby Way	B	0.67	B	0.66	B	0.63
Rocky Ridge Dr	Eureka Road	C	0.71	C	0.71	B	0.69
Rocky Ridge Dr	Lead Hill Blvd	D	0.89	D	0.83	D	0.87
Rocky Ridge Dr	Maidu	B	0.69	B	0.68	B	0.67
Rocky Ridge Dr	McLaren	B	0.66	B	0.65	B	0.64
Rocky Ridge Dr	Professional	C	0.73	C	0.72	C	0.71
Roseville Pkwy	Alexandria	A	0.44	A	0.45	A	0.43
Roseville Pkwy	Eureka Road	C	0.73	C	0.77	C	0.71
Roseville Pkwy	Lead Hill Blvd	B	0.61	B	0.62	A	0.59
Roseville Pkwy	Olympus Dr	D	0.87	D	0.86	D	0.87
Roseville Pkwy	Rocky Ridge Dr	A	0.59	A	0.59	A	0.57
Roseville Pkwy	Secret Ravine	B	0.63	B	0.64	B	0.64
Roseville Pkwy	Village/Slade	B	0.61	A	0.58	A	0.57
Creekside	Roseville Pkwy	C	0.73	C	0.72	C	0.73
Galleria	Roseville Pkwy	F	1.13	F	1.20	F	1.12
Gibson	Roseville Pkwy	C	0.78	D	0.85	D	0.82
N. Cirby	Roseville Pkwy	C	0.71	B	0.68	B	0.68
Old Auburn Rd	Roseville Pkwy	B	0.61	A	0.55	A	0.57
Reserve Drive	Roseville Pkwy	E	0.96	E	1.00	E	0.98
Sierra College	Roseville Pkwy	D	0.83	D	0.85	C	0.80
Taylor Rd	Roseville Pkwy	D	0.82	D	0.84	D	0.84
Washington Blvd	Roseville Pkwy	C	0.81	C	0.78	C	0.73
West Mall	Roseville Pkwy	B	0.68	C	0.70	B	0.69
Sierra College	Eureka Road	C	0.77	C	0.78	C	0.76
Sierra College	Indigo Creek	C	0.74	C	0.71	C	0.73
Sierra College	Old Auburn Rd	C	0.78	C	0.74	C	0.74
Sierra College	Olympus Drive	C	0.71	B	0.70	B	0.70
Sierra College	Secret Ravine	A	0.55	A	0.56	A	0.53
South Cirby Way	Old Auburn Rd	D	0.87	D	0.84	C	0.81
Stanford Ranch	Fairway Drive	B	0.63	B	0.66	B	0.63
Stanford Ranch	Five Star Blvd	C	0.80	C	0.80	C	0.79
Stanford Ranch	Highlands Dr	B	0.61	B	0.60	A	0.57

**TABLE K-4 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF
SERVICE CUMULATIVE SCENARIO
WITH PLACER PARKWAY**

Roadway		Cumulative No Project No Placer Parkway		Cumulative Plus Full SOI No Placer Parkway		Cumulative Plus Full SOI With Placer Parkway	
North-south	East-west	LOS	V/C	LOS	V/C	LOS	V/C
Stanford Ranch	SR-65 NB On	B	0.68	B	0.69	B	0.69
Galleria	SR-65 SB On	C	0.73	C	0.75	C	0.74
Sunrise Avenue	Automall	C	0.73	C	0.72	B	0.70
Sunrise Avenue	Cirby Way	F	1.09	F	1.09	F	1.04
Sunrise Avenue	Coloma Way	F	1.09	F	1.08	F	1.07
Sunrise Avenue	Douglas Blvd	E	0.99	E	0.93	E	0.97
Sunrise Avenue	Eureka Rd	F	1.09	F	1.09	F	1.04
Sunrise Avenue	Frances	B	0.68	B	0.67	B	0.66
Sunrise Avenue	Kensington	D	0.88	D	0.83	C	0.79
Sunrise Avenue	Lead Hill Blvd	F	1.02	F	1.04	E	1.00
Sunrise Avenue	Oak Ridge Dr	E	0.95	E	0.92	E	0.91
Sunrise Avenue	Roseville Pkwy	B	0.65	B	0.66	B	0.64
Sunrise Avenue	Sierra Gardens	D	0.85	D	0.83	C	0.79
Sunrise Avenue	Suntree	B	0.62	B	0.62	B	0.62
Taylor Rd	Eureka Road	E	0.94	E	0.91	D	0.89
Grant Street	Vernon Street	E	0.91	E	0.95	E	0.97
Judah	Vernon Street	A	0.58	A	0.58	A	0.56
Lincoln Street	Vernon Street	D	0.90	D	0.90	D	0.86
Washington Blvd	Diamond Oaks	B	0.69	C	0.71	B	0.67
Washington Blvd	Hallisey	A	0.46	A	0.46	A	0.41
Washington Blvd	Industrial Ave	B	0.61	B	0.60	A	0.56
Washington Blvd	Junction Blvd	C	0.80	D	0.83	D	0.82
Washington Blvd	Main Street	E	0.98	E	0.91	E	0.96
Washington Blvd	Oak Street	A	0.58	A	0.59	A	0.58
Washington Blvd	Sawtell	C	0.74	C	0.74	C	0.72
Woodcreek Oaks	Baseline Road	C	0.74	C	0.80	C	0.76
Woodcreek Oaks	Canevari Road	A	0.56	B	0.64	A	0.58
Woodcreek Oaks	Junction Blvd	A	0.56	B	0.69	B	0.63
Woodcreek Oaks	McAnally	B	0.64	A	0.60	A	0.54
Target Entrance	Fairway Drive	C ²		C ²		C ²	
WalMart Entrance	Lead Hill Blvd	C ²		C ²		C ²	
Pleasant Grove Blvd	WalMart Entrance	C ²		C ²		C ²	
Roseville Parkway	Trestle Drive	C ²		C ²		C ²	
HP Road A	Blue Oaks Blvd	C ²		C ²		C ²	
HP Road B	Blue Oaks Blvd	C ²		C ²		C ²	
Fiddymnt Rd	Hayden Pkwy N			A ³	0.42	A ³	0.32
Fiddymnt Rd	Hayden Pkwy S			A ³	0.49	A ³	0.48
West Side Dr	Blue Oaks Blvd			A ³	0.43	B ³	0.68
Phillip Rd	Blue Oaks Blvd			A ³	0.44	A ³	0.47

Appendix K

**TABLE K-4 CITY OF ROSEVILLE
SIGNALIZED INTERSECTIONS LEVELS OF
SERVICE CUMULATIVE SCENARIO
WITH PLACER PARKWAY**

Roadway		Cumulative No Project No Placer Parkway		Cumulative Plus Full SOI No Placer Parkway		Cumulative Plus Full SOI With Placer Parkway	
		LOS	V/C	LOS	V/C	LOS	V/C
North-south	East-west						
Hayden Pkwy	Blue Oaks Blvd			A ³	0.51	A ³	0.49
Westpark Dr	Collector C			A ³	0.28	A ³	0.20
Fiddymnt Rd	Westhills Dr			C ³	0.75	B ³	0.69
Village Center Dr	Pleasant Grv Bl			A ³	0.43	A ³	0.34
Bob Doyle Dr	Pleasant Grv Bl			A ³	0.34	A ³	0.29
West Side Dr	Pleasant Grv Bl			B ³	0.67	B ³	0.65
Westpark Dr	SOI EW Street			A ³	0.20	A ³	0.11
Watt Ave	Baseline Rd			D ³	0.98	D ³	0.83
Dyer Lane	Baseline Rd			A ³	0.57	A ³	0.49
Fiddymnt Rd	SOI EW Street			C ³	0.77	B ³	0.69
Collector C	Pleasant Grv Bl			B ³	0.63	A ³	0.49
Watt Ave	Collector C			A ³	0.39	A ³	0.47
NS Street/Fiddymnt Rd North	Blue Oaks Blvd			A ³	0.55	A ³	0.49

Notes:

1. Represents relocated intersection of Fiddymnt Road and Blue Oaks Boulevard within WRSP
2. Intersection that the City intends to signalize and ones that would have relatively low "minor street" volumes that would clearly allow LOS "C" or better conditions at buildout of the City.
3. Traffic signal may be warranted due to traffic increases from WRSP
4. The signal at the intersection of Foothill Boulevard and Atkinson Road will be eliminated by the addition of a second loop ramp under the 2020 CIP thus providing LOS "A" conditions at this intersection
5. Intersections operating at LOS "D" or worse conditions are shaded.

Source: DKS Associates 2002