

Table 1. 2008 Existing & 2028 Future Intersection PM Peak Hour Levels of Service Comparison – Leavenworth

Intersection	2008 RTPO Existing LOS ¹	2008 Average Weekday			2008 Average Summer Weekday			2028 RTPO Future LOS	2028 Average Weekday			2028 Average Summer Weekday		
		LOS ²	Delay ²	V/C ⁴ or WM ⁵	LOS	Delay	V/C or WM		LOS	Delay	V/C or WM	LOS	Delay	V/C or WM
SR 2/ Riverbend Dr ⁶	A	B	10.2	0.42	B	11.1	0.49	A	B (C)	19 (33)	0.78 (1.06)	C (F)	35 (97)	0.90 (1.27)
SR 2/ E Leavenworth Rd ⁶	-	C	24.9	SB	D	31.3	NB	-	F (A)	>200 (10)	NB/SB (0.90)	F (D)	>200 (37)	NB/SB (1.09)
SR 2/ Chumstick Hwy ⁶	C	C	27.4	0.47	C	30.4	0.56	D	D (D)	53 (55)	0.95 (1.14)	F (F)	82 (125)	1.05 (1.41)
SR 2/ Evans St	B	C	21.4	0.41	C	23.0	0.49	C	C	32	0.67	D	42	0.78
SR 2/ Front St	A	A	8.3	WBL	A	8.6	WBL	A	A	10	WB	B	11	WBL
SR 2/ Ski Hill Dr	A	C	17.1	SB	C	22.0	SB	B	F	>200	SB	F	>200	SB
SR 2/ Mill St	-	B	13.6	SB	C	15.9	NB	-	F	57	SB	F	170	SB
SR 2/ Icicle Rd	A	C	18.1	NBL	C	22.7	NBL	A	F	67	NBL	F	187	NBL
Cedar St/ Chumstick Hwy	-	B	12.3	EB	B	13.9	EB	-	E	37	EB	F	105	EB
North Rd/ Chumstick Hwy	-	A	9.9	WB	B	10.2	WB	-	B	14	WB	C	16	WB
Pine St/ Titus Rd	-	A	7.6	-	A	7.8	-	-	A	9	-	A	9	-
Leavenworth Rd/ Icicle Rd	-	A	8.9	WB	A	9.0	WB	-	B	11	WB	B	11	WB

1. LOS taken from North Central RTPO intersection analysis spreadsheet.
2. Level of service, based on 2000 Highway Capacity Manual methodology.
3. Average delay in seconds per vehicle.
4. Volume-to-capacity ratio reported for signalized intersections.
5. Worst movement reported for unsignalized intersections.
6. Intersections also analyzed as roundabouts under 2028 conditions; roundabout LOS provided in parentheses.

Table 2. 2008 Existing & 2028 Future PM Peak Hour Levels of Service Comparison – Sunnyslope

Intersection	2008 RTPO	2008 Average Weekday			2028 RTPO	2028 Average Weekday		
	Existing LOS ¹	LOS ²	Delay ²	V/C ⁴ or WM ⁵	Future LOS	LOS	Delay	V/C or WM
SR 2/ Lower Sunnyslope Rd	A	F	80.9	SB	A	F	>200	NB/SB
SR 2/ School St	A	F	125.8	SB	A	F	>200	SB
SR 2/ Easy St	C	C	27.9	0.52	D	F	173	1.36
Easy St/ Crestview St	-	A	9.8	SB	-	F	58	SB
Easy St/ School St	-	B	11.7	NB	-	F	>200	NB/SB
Peters St/ Easy St	-	C	15.8	WB	-	F	>200	EB/WB
Penny Rd/ Easy St	-	B	13.1	0.45	-	F	>200	1.42
Penny Rd/ Cordell Ave	-	C	21.9	0.29	-	C	23	0.76
School St/ Lower Sunnyslope Rd	-	A	8.6	WB	-	A	9	WB
Melody Lane/ School St	-	A	9.6	WB	-	B	14	WB
School St/ Peters St	-	A	9.1	WB	-	B	12	WB
Knowles Rd/ School St	-	A	8.7	EB	-	A	10	EB
Peters St/ Birch Mountain	-	A	9.0	SB	-	B	15	SB
Peters St/ Ohme Garden Rd	-	A	8.8	WB	-	B	10	WB
Ohme Garnde Rd/ SR 97A	-	F	78.0	WB	-	F	>200	EB/WB

1. LOS taken from North Central RTPO intersection analysis spreadsheet.
2. Level of service, based on 2000 Highway Capacity Manual methodology.
3. Average delay in seconds per vehicle.
4. Volume-to-capacity ratio reported for signalized intersections.
5. Worst movement reported for unsignalized intersections.

Table 3. 2008 Existing & 2028 Future PM Peak Hour Levels of Service Comparison – Chelan

Intersection	2008 RTPO	2008 Average Weekday			2008 Average Summer Weekday			2028 RTPO	2028 Average Weekday			2028 Average Summer Weekday		
	Existing LOS ¹	V/C ⁴ or			V/C or			Future LOS	V/C or			V/C or		
	LOS ²	Delay ³	WM ⁵	LOS	Delay	WM	LOS	Delay	WM	LOS	Delay	WM		
Johnson Ave/ Columbia St	A	C	19.4	-	D	27.7	-	D	D	43.1	1.02	E	76.3	1.19

1. LOS taken from North Central RTPO intersection analysis spreadsheet.
2. Level of service, based on 2000 Highway Capacity Manual methodology.
3. Average delay in seconds per vehicle.
4. Volume-to-capacity ratio reported for signalized intersections.
5. Worst movement reported for unsignalized intersections.

North Central RTPO Regional Intersection Level of Service

Current Level of Service	2018 LOS	2028 LOS	Milepost Marker	Highway	Intersection/Junction	Nearest City	County	No. of Accidents
B	C	C	8.25	SR 150	Woodin Avenue/SR 97	Chelan	Chelan	0
A	B	D	7.97	SR 150	Columbia Street	Chelan	Chelan	9
A	A	A	1.54	SR 150	Wapato Lake Road/Mill Road (Casino)	Manson	Chelan	3
A	A	A	6.16	SR 150	Boyd Road	Chelan	Chelan	2
A	A	A	6.26	SR 150	Dietrich Road	Chelan	Chelan	1
A	A	A	6.95	SR 150	No Seeum Road	Chelan	Chelan	2
A	A	B	7.58	SR 150	Gibson Avenue/City Park	Chelan	Chelan	4
A	A	A	9.08	SR 150	SR 97 Alternate	Chelan	Chelan	2
A	A	A	10.20	SR 150	Willmorth Road	Chelan	Chelan	0

Current Level of Service	2018 LOS	2028 LOS	Milepost Marker	Highway	Intersection/Junction	Nearest City	County	No. of Accidents
A	A	A	12.06	SR 150	SR 97A	Chelan	Chelan	0
			5.85	SR 150	Monte Carlo Drive/Key Lane (Brewery)	Chelan	Chelan	1
			6.40	SR 150	Granite Ridge Drive	Chelan	Chelan	0
			7.30	SR 150	Spader Bay Road/Parkview Drive	Chelan	Chelan	4
			7.64	SR 150	Nixon Avenue/City Park	Chelan	Chelan	2
			8.09	SR 150	Emerson Street	Chelan	Chelan	1
			8.18	SR 150	Johnson/Sanders Street	Chelan	Chelan	6
			11.63	SR 150	Chelan Falls Road	Chelan	Chelan	1
A	A	A	0.00	SR 207	SR 2	Unincorporated	Chelan	2
A	A	A	4.38	SR 207	Chiwawa Loop Road	Unincorporated	Chelan	0
			3.56	SR 207	Lake Wenatchee State Park	Unincorporated	Chelan	0
			3.79	SR 207	Beaver Valley Road	Unincorporated	Chelan	0
A	A	A	15.02	SR 971 (Navarre Coulee Road)	SR 97A	Chelan	Chelan	1
A	A	A	0.00	SR 971 (Navarre Coulee Road)	SR 97A	Chelan	Chelan	0
NA	NA	NA	9.13	SR 971 (Navarre Coulee Road)	Lake Chelan State Park	Chelan	Chelan	0
			8.47	SR 971 (Navarre Coulee Road)	Ridgeview Drive	Chelan	Chelan	0
C	C	D	119.13	US 2	Easy Street (signalized)	Sunnyslope Area	Chelan	29

Current Level of Service	2018 LOS	2028 LOS	Milepost Marker	Highway	Intersection/Junction	Nearest City	County	No. of Accidents
B	C	D	115.14	US 2	Main Street/Easy Street	Monitor	Chelan	20
B	C	C	99.89	US 2	Evans Street/Ninth Street (signalized)	Leavenworth	Chelan	9
C	C	D	100.29	US 2	Front Street/Chumstick Hwy (signalized)	Leavenworth	Chelan	17
B	C	D	111.09	US 2	Aplets Way/Nahahum Canyon Road (signalized)	Cashmere	Chelan	18
B	C	D	111.98	US 2	Cotlets Way/Nahahum Canyon Road (signalized)	Cashmere	Chelan	21
A	B	C	106.07	US 2	Alice Avenue	Dryden	Chelan	3
B	B	C	103.65	US 2	Main Street (signalized)	Peshastin	Chelan	19
A	A	A	99.05	US 2	Icicle Road	Leavenworth	Chelan	1
A	A	B	99.51	US 2	Ski Hill Drive/Third Street	Leavenworth	Chelan	8
A	A	A	99.65	US 2	Front Street	Leavenworth	Chelan	1
A	A	A	100.67	US 2	Riverbend Road (signalized)	Leavenworth	Chelan	9
A	A	A	103.95	US 2	Green Road, Saunders Road	Peshastin	Chelan	5
A	A	A	104.16	US 2	Dog House Road	Peshastin	Chelan	6
A	A	A	104.72	US 2	SR 97	Peshastin	Chelan	28
A	A	B	105.16	US 2	Deadman Hill Road/Saunders Road (new signal?)	Dryden	Chelan	17
A	B	B	106.49	US 2	Dryden Avenue	Dryden	Chelan	17
A	A	B	110.13	US 2	Goodwin Road	Cashmere	Chelan	12
A	A	A	112.59	US 2	Old Monitor Road	Cashmere	Chelan	6
A	A	B	113.21	US 2	North Red Apple Road	Cashmere	Chelan	3
A	A	A	117.31	US 2	Lower Sunnyslope Road	Sunnyslope	Chelan	10

Current Level of Service	2018 LOS	2028 LOS	Milepost Marker	Highway	Intersection/Junction	Nearest City	County	No. of Accidents
A	A	A	118.46	US 2	School Street	Sunnyslope	Chelan	11
A	A	A	81.89	US 2	Nason Creek Rest Area	Unincorporated	Chelan	0
A	A	A	84.75	US 2	SR207/Winton Road	Coles Corner	Chelan	0
NA	NA	NA	119.77	US 2	Euclid Avenue On/Off Ramps	Wenatchee	Chelan	9
			99.26	US 2	Mill Street	Leavenworth	Chelan	0
			100.52	US 2	East Leavenworth Road	Leavenworth	Chelan	1
A	A	B	185.02	US 97	SR 2	Wenatchee	Chelan	1
A	C	C	234.20	US 97A	Woodin Avenue/SR 150 (signalized)	Chelan	Chelan	12
A	C	C	233.60	US 97A	Woodin Avenue	Chelan	Chelan	4
A	A	A	200.47	US 97A	Ohme Garden Rd/Warehouse Rd	Unincorporated	Chelan	5
A	A	A	214.41	US 97A	Hagen Street	Entiat	Chelan	4
A	A	A	214.79	US 97A	Entiat City Park/Shearson Street	Entiat	Chelan	2
A	A	A	230.43	US 97A	Lakeshore Road/SR 971	Chelan	Chelan	3
A	A	A	232.15	US 97A	Johnson Place (park access)	Chelan	Chelan	1
A	A	A	233.91	US 97A	Farnham Street	Chelan	Chelan	1
A	A	A	235.03	US 97A	Sr 150	Chelan	Chelan	3
A	A	A	235.44	US 97A	Isenhart Road (WalMart-new signal)	Chelan	Chelan	1
A	A	A	237.81	US 97A	Airport Road/Apple Acre Drive	Chelan	Chelan	4
A	A	A	214.29	US 97A	Entiat River Road	Entiat	Chelan	0
A	A	A	232.25	US 97A	Center Street (park & ride)	Chelan	Chelan	0
A	A	A	239.64	US 97A	SR 97	Chelan	Chelan	0
			203.74	US 97A	Rocky Reach Dam Road	Unincorporated	Chelan	0

Current Level of Service	2018 LOS	2028 LOS	Milepost Marker	Highway	Intersection/Junction	Nearest City	County	No. of Accidents
			207.00	US 97A	Tilly Lane	Entiat	Chelan	0
			215.52	US 97A	Lakeshore Drive/Shearon Ave	Entiat	Chelan	0
			216.01	US 97A	Risk Street	Entiat	Chelan	0
			216.30	US 97A	Wisdom Avenue	Entiat	Chelan	0
			229.33	US 97A	Bear Mountain Ranch Road (sub-division under construction)	Chelan	Chelan	0
			233.83	US 97A	First Street at Chelan School (crosswalk signal)	Chelan	Chelan	0
			234.29	US 97A	Bradley Avenue	Chelan	Chelan	4
			234.38	US 97A	Navarre Street (Elementary School)	Chelan	Chelan	3
			234.70	US 97A	N Clifford Street	Chelan	Chelan	4