

## **APPENDIX C**

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### Resource Allocation: Existing and Proposed



# APPENDIX C RESOURCE ALLOCATION

## RESOURCE ALLOCATION: SHORT-TERM

Figure C-1 Summary of Short-Term Service Recommendations – Weekday (School in Session)

Current Route Number	New Route Description	Existing Services			Proposed Services			Change
		Peak Freq. (mins)	Base/Eve Freq. (mins)	Rev Hrs	Peak Freq. (mins)	Base/Eve Freq. (mins)	Rev Hrs (est)	Rev Hrs (approx)
2	Dntwn/CSU/Ceres/Esplanade Local	60	60	15.2	30	60	21	+
3	Nord/East	30 SB, 60 NB	60	15.3	60	60	15.5	=
4	[1 <sup>st</sup> / East]	30	60	17.7	N/A	N/A	N/A	-
5	[E. 8 <sup>th</sup> Street]	30	60	18.4	N/A	N/A	N/A	
7	Dntwn/CSU/Manzanita Loop CW	N/A	N/A	N/A	60	N/A	14	
7	Dntwn/CSU/Manzanita Loop CCW	60	N/A	7.3	60	N/A	14	
8	Nord	30	30	9.4	30	30	9.4	=
9, 9c	Oak/Warner/Cedar	30	30	14.2	30	30	14.2	=
15N	Dntwn/CSU/Lassen/Esplanade Express	20/40	60	28.8*	30	30	31	=
15S	Downtown/CSU/Mall	20	30/60	28.8*	15	30	40	+
16	Dntwn/CSU/Mangrove/North Esplanade	60	60	11.3	60	60	11.5	=
<i>Chico Local Subtotals</i>				<i>166.3</i>			<i>170.6</i>	<i>+</i>
24	Thermalito Loop CW	60	60	7.2	60	60	11	+
25	[Oro Dam]	60	60	4.6	N/A	N/A	N/A	-
26-27	Hospital/Casino & S Oroville	60	60	11.6	60	60	12	=
<i>Oroville Local Subtotals</i>				<i>22.9</i>			<i>23</i>	<i>+</i>
20	Chico - Oroville	60	60	24.9	60	60	24.9	=
30	Oroville - Biggs	3x per day		4.9	3x per day		5.5	
31	Oroville - Paradise	1 NB, 1 SB daily		1.9	1 NB, 1 SB daily		2.1	
32	Chico - Gridley	1 NB, 1 SB daily		2	1 NB, 1 SB daily		2.3	
40	Chico - Paradise	120	120	17.1	120	120	17.1	
41	Chico - Magalia	120	120	15.3	120	120	15.3	
46	Feather River Hospital	3x per day		1.4	N/A		N/A	
<i>Regional Routes Subtotals</i>				<i>67.3</i>			<i>66</i>	
<b>Grand Totals</b>				<b>256.5</b>			<b>259.6</b>	<b>+</b>

\* Assumed half of total Route 15 revenue hours.

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Figure C-2 Summary of Short-Term Service Recommendations – Saturday and Sunday

Current Route Number	New Route Description	Existing Services		Proposed Services		Change	
		Freq. (mins)	Rev Hrs	Freq. (mins)	Rev Hrs (est)	Rev Hrs (approx)	
2	Dntwn/CSU/Ceres/ Esplanade Local	60	10.1	60	11	=	
3	Nord/East	60	10.1	60	11	=	
4	[1 <sup>st</sup> / East]	60	11.4	N/A	N/A	=	
5	[E. 8 <sup>th</sup> Street]	60	10.4	N/A	N/A		
7	Dntwn/CSU/ Manzanita Loop CW	N/A	N/A	60	11		
7	Dntwn/CSU/ Manzanita Loop CCW	N/A	N/A	60	11		
9c	Oak/Warner	120	1.8	120	1.8		=
15N	Dntwn/CSU/Lassen/ Esplanade Express	60	15.6*	60	11	-	
15S	Downtown/CSU/Mall	30	15.6*	30	22	+	
16	Dntwn/CSU/Mangrove/North Esplanade	60	9.9	60	10	=	
<i>Chico Local Subtotals</i>				<i>84.8</i>		<i>88.8</i>	<i>+</i>
20	Chico – Oroville §	120	19.6	120	19.6	=	
30	Oroville – Biggs	4x per day	7.5	3x per day	4.9	-	
40	Chico – Paradise §	120	18.2	120	18.2	=	
41	Chico – Magalia	3x per day	2.2	3x per day	2.2	=	
<i>Regional Routes Subtotals</i>				<i>47.6</i>		<i>45</i>	<i>-</i>
<b>Grand Totals</b>				<b>132.4</b>		<b>133.8</b>	<b>=</b>

\* Assumed half of total Route 15 revenue hours.

§ Operates on Saturday and Sunday

## RESOURCE ALLOCATION: MID-TERM

Figure C-3 Summary of Mid-Term Service Recommendations – Weekday (School in Session)

Current Route Number	New Route Description	Short-Term Services			Mid-Term Services			Change
		Peak Freq. (mins)	Base/Eve Freq. (mins)	Rev Hrs	Peak Freq. (mins)	Base/Eve Freq. (mins)	Rev Hrs (est)	Rev Hrs (approx)
1 Short	Dntwn to Mall	N/A	N/A	N/A	30	30	18	N/A
1 Long	North Valley Plaza/Dwntwn/Mall	N/A	N/A	N/A	30	30	48	NA
2	Dntwn/CSU/Ceres/Esplanade Local	30	60	21	30	60	21	=
3	Nord/East	60	60	15.5	60	60	15.5	=
4	[1 <sup>st</sup> / East]	N/A	N/A	N/A	N/A	N/A	N/A	
5	[E. 8 <sup>th</sup> Street]	N/A	N/A	N/A	N/A	N/A	N/A	
7	Dntwn/CSU/Manzanita Loop CW	60	N/A	14	60	N/A	14	=
7	Dntwn/CSU/Manzanita Loop CCW	60	N/A	14	60	N/A	14	=
8	Nord	30	30	9.4	30	30	9.4	=
9, 9c	Oak/Warner/Cedar	30	30	14.2	30	30	14.2	=
15N	Dntwn/CSU/Lassen/Esplanade Express	30	30	31	N/A	N/A	N/A	N/A
15S	Downtown/CSU/Mall	15	30	40	N/A	N/A	N/A	N/A
16	Dntwn/CSU/Mangrove/North Esplanade	60	60	11.5	60	60	11.5	=
<i>Chico Local Subtotals</i>				<i>170.6</i>			<i>165.6</i>	<i>-*</i>
24	Thermalito Loop CW	60	60	11	60	60	11	=
25	[Oro Dam]	N/A	N/A	N/A	N/A	N/A	N/A	NA
26-27	Hospital/Casino & S Oroville	60	60	12	60	60	12	=
<i>Oroville Local Subtotals</i>				<i>23</i>			<i>23</i>	<i>=</i>
20	Chico - Oroville	60	60	24.9	60	60	24.9	=
30	Oroville - Biggs	3x per day		5.5	3x per day		5.5	=
31	Oroville - Paradise	1 NB, 1 SB daily		2.1	1 NB, 1 SB daily		2.1	=
32	Chico - Gridley	1 NB, 1 SB daily		2.3	1 NB, 1 SB daily		2.3	=
40	Chico - Paradise	120	120	17.1	120	120	17.1	=
41	Chico - Magalia	120	120	15.3	120	120	15.3	=
46	Feather River Hospital	N/A		N/A			N/A	NA
<i>Regional Routes Subtotals</i>				<i>66</i>			<i>66</i>	<i>=</i>
<b>Grand Totals</b>				<b>259.6</b>			<b>254.7</b>	<b>-</b>

\* Savings from consolidation of 15S/15N into Routes 1 Short/1 Long and assumed speed improvements as a result of BRT-lite amenities such as transit signal priority.

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Figure C-4 Summary of Mid-Term Service Recommendations – Saturday and Sunday

Current Route Number	New Route Description	Short-Term Services		Mid-Term Services		Change	
		Freq. (mins)	Rev Hrs	Freq. (mins)	Rev Hrs (est)	Rev Hrs (approx)	
1 Long	North Valley Plaza/Dwntwn/Mall	N/A	N/A	30	33	N/A	
2	Dntwn/CSU/Ceres/Esplanade Local	60	11	60	11	=	
3	Nord/East	60	11	60	11	=	
4	[1 <sup>st</sup> / East]	N/A	N/A	N/A	N/A	=	
5	[E. 8 <sup>th</sup> Street]	N/A	N/A	N/A	N/A		
7	Dntwn/CSU/Manzanita Loop CW	60	11	60	11		
7	Dntwn/CSU/Manzanita Loop CCW	60	11	60	11		
9c	Oak/Warner	120	1.8	120	1.8	=	
15N	Dntwn/CSU/Lassen/Esplanade Express	60	11	N/A	N/A	N/A	
15S	Downtown/CSU/Mall	30	22	N/A	N/A	N/A	
16	Dntwn/CSU/Mangrove/North Esplanade	60	10	60	10	=	
<i>Chico Local Subtotals</i>				<i>88.8</i>		<i>88.8</i>	<i>+</i>
20	Chico – Oroville §	120	19.7	120	19.7	=	
30	Oroville – Biggs	3x per day	4.9	3x per day	4.9	=	
40	Chico – Paradise §	120	18.2	120	18.2	=	
41	Chico – Magalia	3x per day	2.2	3x per day	2.2	=	
<i>Regional Routes Subtotals</i>				<i>45</i>		<i>45</i>	<i>=</i>
<b>Grand Totals</b>				<b>133.8</b>		<b>133.7</b>	<b>=</b>

\* Assumed half of total Route 15 revenue hours.

§ Operates on Saturday and Sunday