

CONTENTS

<u>CHAPTER</u>	<u>DESCRIPTION</u>	<u>PAGE</u>
	Introduction.....	v
	Executive Summary	vii
1	Study Area	1
2	Transportation Services	13
3	Transit Demand Analysis	37
4	Goals and Standards.....	57
5	Transit Service Alternatives.....	67
6	Capital Alternatives	87
7	Institutional and Management Alternatives	109
8	Transit Funding Sources	121
9	Transit Service, Capital and Financial Plan.....	127

APPENDICES

<u>APPENDIX</u>	<u>DESCRIPTION</u>	<u>PAGE</u>
A	City of Folsom Demographics.....	147
B	Folsom Neighborhoods.....	151
C	Folsom Housing Stock by Service Area.....	153
D	Folsom Stage Line Transit Services	159
E	Transportation Development Act Unmet Transit Needs Process & Comments.....	167
F	On-Board Surveys and Survey Results Summaries.....	179
	F.1 Folsom Stage Line Downtown Commuter Survey, October 2004	179
	F.2 Folsom Stage Line Butterfield Commuter Survey, October 2004.....	181
	F.3 Folsom Stage Line Fixed Route 10 Survey, November 2004	183
	F.4 Folsom Stage Line Dial-A-Ride Survey, November 2004.....	185
	F.5 Downtown Commuter Survey Results Summary.....	187
	F.6 Butterfield Commuter Survey Results Summary	201
	F.7 Fixed Route 10 Survey Results Summary	213
	F.8 Dial-A-Ride Survey Results Summary.....	225
	F.9 Franchise Tax Board Survey Results Summary	235
	F.10 Franchise Tax Board Survey Results.....	245
G	Public Comments Received during the Folsom SRTP Outreach Process	255
	G.1 Public Comments Summary	255
	G.2 Public Comments from Participants at Public Workshops	259
	G.3 Public Comments via On-Line Comment Form, Phone or E-mail	265
	G.4 Folsom Residents' Comments/Questions Regarding Light Rail	273
H	City of Folsom Core Values, Goals and Performance Measures.....	277
I	Analysis of Unproductive Segments of Route 10.....	281
J	Components of a Potential Transit Marketing Program	287
K	RT Issue Paper "Approving the Second Amendment to the Operations and Maintenance Agreement with the City of Folsom	289
L	Bluebird Ultra LF and XCEL102 Brochures.....	305

LIST OF FIGURES

<u>FIGURE NO.</u>	<u>DESCRIPTION</u>	<u>CHAPTER</u>	<u>PAGE</u>
1	City of Folsom Study Area Aerial View Map	1	3
2	Folsom Stage Line Bus Routes (current as of July 2005).....	2	15
3	Route 10 Average Daily Boardings & Alightings by Route Segment.....	2	17
4	Route 10 Average Daily Boardings & Alightings by Route Segment & Time of Day	2	17
5	Route10 Boardings & Alightings Survey (December 2004)	2	19
6	Dial-A-Ride Ridership Map (October 2004)	2	23
7	Ridership Trends, FY03-04 through FY04-05.....	2	26
8	Service Percentage of Total Ridership, FY03-04	2	27
9	Service Percentage of Total Ridership, FY04-05	2	27
10	Dial-A-Ride Ridership, FY03-04 and FY04-05	2	29
11	Fixed Route 10 Ridership, FY03-04 and FY04-05.....	2	29
12	Butterfield Light Rail Connector Ridership, FY03-04 and FY04-05	2	29
13	Tripper Transfer Ridership, FY03-04 and FY04-05.....	2	29
14	Downtown Commuter Ridership, FY03-04 and FY04-05	2	29
15	Commuter Route 1 Ridership, FY03-04 and FY04-05.....	2	31
16	Commuter Route 2 Ridership, FY03-04 and FY04-05.....	2	31
17	Commuter Route 3 Ridership, FY03-04 and FY04-05.....	2	31
18	Commuter Route 4 Ridership, FY03-04 and FY04-05.....	2	31
19	Commuter Route 5 Ridership, FY03-04 and FY04-05.....	2	31
20	Commuter Route 6 Ridership, FY03-04 and FY04-05.....	2	31
21	City of Folsom Map of Transit Analysis Zones (TAZ)	3	39
22	Folsom Stage Line Bus Route Alternatives	5	69
23	Alternative Route B (with ¾ mile route deviation service area)	5	71
24	Folsom Stage Line Organization Chart	7	109
25	Folsom Stage Line Proposed Bus Routes for October 2005)	9	131
A-2	Folsom House Stock by Service Area at Build-Out (Yr 2009)	C	153
A-3	Folsom Total Housing Units by Service Area	C	153
A-4	Folsom Housing Stock at Build-Out (Yr 2009).....	C	153
A-5	City of Folsom Water Service Map	C	155
A-6	Central Folsom (Lexington Hills Area) Route 10 Boardings & Alightings	I	282
A-7	East Folsom (Lexington Hills Area) Route 10 Boardings & Alightings	I	282
A-8	North Folsom (American River Canyon Area) Route 10 Boardings & Alightings	I	283

LIST OF TABLES

<u>TABLE NO.</u>	<u>DESCRIPTION</u>	<u>CHAPTER</u>	<u>PAGE</u>
1	City of Folsom Community Characteristics	1	2
2	City of Folsom Population and Household Projections, 1990 to 2015	1	5
3	City of Folsom Demographic Characteristics.....	1	6
4	City of Folsom Land Use Inventory	1	7
5	City of Folsom Housing Type Allocations	1	8
6	Largest Folsom Area Employers (Partial Listing).....	1	9
7	Major Activity Centers in Folsom	1	10
8	Route 10 Daily Boardings and Alightings by Route Segment and by Stop .	2	14
9	Folsom Stage Line Fares (as of August 2005).....	2	25
10	Ridership Trends by Service Type, FY03-04 through FY04-05	2	25
11	Service Percentage of Total Ridership, FY03-04 and FY04-05	2	26
12	Walking Distances for FCUSD School Bus Transportation.....	2	32
13	FCUSD Folsom Schools Student Enrollment.....	2	32
14	FCUSD Folsom Bell Times.....	2	33
15	FCUSD School Bus Transportation Fees 2004-2005	2	33
16	Means of Transportation to Work (population 16 years and older).....	3	37
17	City of Folsom Population, Housing, and Employment Projections for Years 2005, 2010, and 2015.....	3	38
18	Transportation Analysis Zones (TAZ) within Greater Folsom with Highest Concentration of Households	3	41
19	Transportation Analysis Zones (TAZ) within Greater Folsom with Highest Concentration of Jobs.....	3	41
20	Commuter Home-Based Trips FROM Greater Folsom, 2005 Projections...	3	43
21	Commuter Home-Based Trips TO Greater Folsom, 2005 Projections.....	3	43
22	Potential Transit-Dependent Market Segments	3	44
23	Comparative Transit Trip and Drive Times from Folsom to ARC, CRC, and SCC.....	3	45
24	Folsom Lake College End of Fall 2004 Semester Enrollment	3	46
25	Los Rios Community College District (LRCCD) End of Fall 2004 Semester Enrollment, Students Residing in Folsom at each Campus.....	3	47
26	Los Rios Community College District Enrollment Projections.....	3	47
27	Folsom Lake College Student Parking Permit Fees, Spring 2005.....	3	48
28	City of Folsom Annual Unmet Transit Needs Summary, 2000 – 2003	3	50
29	Home Zip Codes of Intel Employee Survey Respondents.....	3	54
30	Folsom Stage Line Goals and Standards by Service Type	4	59
31	Standards and Performance Measures Applicable to All Folsom Stage Line Services	4	60
32	City of Folsom TDA Required Systemwide Performance Indicators.....	4	63
33	Service Alternative Assumptions.....	5	78
34	Alternative 1 – Weekday Fixed-Route, Flexible route and Dial-A-Ride Service.	5	79
35	Alternative 2 – Incremental Serviced Hours, Costs and Vehicle Requirements	5	80
36	Alternative 3-a – Weekday Evening Dial-A-Ride, Open to General Public	5	80

LIST OF TABLES

<u>TABLE NO.</u>	<u>DESCRIPTION</u>	<u>CHAPTER</u>	<u>PAGE</u>
37	Alternative 3-b – Weekday Evening Taxi Subsidy Service.....	5	80
38	Alternative 4-a – Saturday Dial-A-Ride, Open to General Public.....	5	81
39	Alternative 4-b – Saturday Fixed-Route and Dial-a-Ride Service	5	81
40	Alternative 5-a – Sunday Dial-A-Ride, Open to General Public.....	5	81
41	Alternative 5-b – Sunday Fixed Route and Dial-A-Ride Service.....	5	81
42	Alternative 6 – Weekday Hourly Service on Blue Ravine Road to Iron Point Light Rail Station.....	5	82
43	Alternative 7 – Weekday Hourly Service on East Natoma Street, Golf Links Drive, and Broadstone Parkway	5	82
44	Alternative 8 – Subscription Downtown Commuter Express Service.....	5	82
45	Folsom Stage Line Fleet Inventory (as of July 2005).....	6	88
46	Gasoline Hybrid versus CNG Bus Cost Comparison	6	94
47	Sample Weekly Dial-A-Ride Dispatcher Schedule	7	114
48	Bus and Light Rail Service Frequency	9	129
49	Folsom Stage Line Vehicle Replacement Schedule	9	136
50	Folsom Stage Line Current Fare Structure (as of August 2005.....	9	137
51	RT Fare Structure Changes.....	9	138
52	Folsom Stage Line Proposed Fare Structure (for January 2006)	9	139
53	Folsom Bus Service Cost Estimate Worksheet for FY 2005/06.....	9	142
54	City of Folsom Transit Financial Plan for FY 2005/06 through FY20010/11.	9	143
55	Capital (Vehicle Procurement.....	9	144
56	City of Folsom Share of Light Rail Construction Costs.....	9	145
A-1	City of Folsom Demographics.....	A	147
A-2	City of Folsom Residential Development.....	C	156
A-3	Multi-Family Housing Complexes by Water Service Area.....	C	157
A-4	Local Fixed-Route 10 Alignment	D	159
A-5	Downtown Commuter Route Alignments	D	159
A-6	Light Rail Connector Route Alignment.....	D	160
A-7	Tripper Transfer Route Alignment	D	160
A-8	Folsom Stage Line Route 10 Local Service Schedule	D	161
A-9	Folsom Stage Line Downtown Commuter Service Schedule.	D	163
A-10	Folsom Stage Line Light Rail Connector Service Schedule.....	D	165
A-11	Folsom Stage Line Tripper Transfer Service Schedule	D	166
A-12	City of Folsom Strategic Plan Goal 4: Transportation and Traffic.....	H	278
A-13	Folsom Stage Line Goals, Objectives, Performance Measures, Standards and Monitoring Methods	H	279
A-14	Estimated Daily Ridership on Route 10 Segments Proposed for Elimination.	H	285