

# Boone County Coordinated Transportation Service

## Final Report

Prepared For:

Boone County Community Partnership  
601 Business Loop 70W, Suite 217C – Parkade Center  
Columbia, MO 65203  
(573) 256-1890

Prepared By:

LSC Transportation Consultants, Inc.  
516 North Tejon Street  
Colorado Springs, CO 80903  
(719) 633-2868 or (800) 677-1671

In Association With:

VHB  
8330 Boone Boulevard, Suite 400  
Vienna, VA 22182  
(703) 847-3071

LSC #056050

October 24, 2006

# TABLE OF CONTENTS

Chapter	Title	Page
I	INTRODUCTION .....	I-1
	Purpose of the Study .....	I-3
	Report Contents .....	I-3
	Opportunities for Public Involvement .....	I-5
	Summary of the Issues .....	I-6
	Project Goals .....	I-9
	Scope of Work .....	I-9
	Task 1: Terminology and Community Standards .....	I-10
	Task 2: Inventory of Existing Service .....	I-12
	Task 3: Assessment of Need .....	I-13
	Task 4: Opportunities and Potential .....	I-14
	Task 5: Potential for Coordination .....	I-15
	Task 6: Final Report .....	I-16
II	TERMINOLOGY .....	II-1
	Terminology .....	II-1
III	PREVIOUS PLANS AND STUDIES .....	III-1
	Introduction .....	III-1
	Columbia 2025 Transportation Plan .....	III-1
	Background .....	III-1
	Goals and Objectives .....	III-1
	City of Columbia Policy on Providing Transit Service .....	III-2
	Overall Plan Recommendations and Comments .....	III-2
	MODOT’s Long-Range Transportation Direction .....	III-3
	Background .....	III-3
	Bicycle and Pedestrian .....	III-4
	Intercity Passenger Bus and Rail .....	III-5
	Public Transportation .....	III-5
	Missouri Statewide Passenger Transportation Study .....	III-6
	Background .....	III-6
	Education Transportation Services in Missouri .....	III-6
	Elderly and Disabled Transportation Issues .....	III-7
	Intercity Surface Transportation Services Demand Estimate with	
	Corridor Analysis – <i>Draft</i> .....	III-8
	Background .....	III-8
IV	SUMMARY OF KEY INTERVIEWS .....	IV-1
	Introductions .....	IV-1
	Response Summary .....	IV-2
	Question #1: What are the major transportation issues facing	
	Boone County in the next 5 to 10 years? .....	IV-2
	Common Responses .....	IV-2
	Other Uncommon Responses .....	IV-3
	Question #2: What approaches should be taken to address	
	these issues? .....	IV-3

	Common Responses . . . . .	IV-3
	Other Uncommon Responses . . . . .	IV-3
	Question #3: Is there a role for public transportation in solving some of these issues? Why or why not? . . . . .	IV-3
	Question #4: What is the community's view of public transportation services such as Columbia Transit and OATS? . . . . .	IV-4
	Common Responses . . . . .	IV-4
	Other Uncommon Responses . . . . .	IV-4
	Question #5: Would the community support increased funding to improve public transportation services? If so, in what form (i.e., sales tax, property tax, general funds, other)? If not, why not and what might it take to gain that support? . . . . .	IV-4
	Common Responses . . . . .	IV-4
	Other Uncommon Responses . . . . .	IV-4
	Question #6: Are there specific issues which should be addressed in our current study? . . . . .	IV-5
	Common Responses . . . . .	IV-5
	Summary . . . . .	IV-5
V	SUMMARY OF DATA COLLECTION EFFORTS . . . . .	V-1
	Initial Agency Selection . . . . .	V-1
	Development of Questionnaires . . . . .	V-2
	Letter of Support . . . . .	V-2
	Coordination of Data Collection Efforts . . . . .	V-3
VI	TRANSIT PROVIDER SUMMARY . . . . .	VI-1
	Columbia Transit . . . . .	VI-1
	Background . . . . .	VI-1
	Services . . . . .	VI-1
	Fixed-Route . . . . .	VI-1
	Paratransit . . . . .	VI-1
	MU Service . . . . .	VI-2
	Financial . . . . .	VI-2
	Facilities . . . . .	VI-2
	Performance Measures . . . . .	VI-3
	Capital (Vehicles) . . . . .	VI-3
	Agency Needs . . . . .	VI-4
	OATS, Inc. . . . .	VI-4
	Background . . . . .	VI-4
	Services . . . . .	VI-4
	Financial . . . . .	VI-5
	Facilities . . . . .	VI-6
	Performance Measures . . . . .	VI-6
	Capital (Vehicles) . . . . .	VI-6
	Agency Needs . . . . .	VI-7
	Short-Term (1 to 6 years) . . . . .	VI-7
	Long-Term (7 to 20 years) . . . . .	VI-7
	County Unmet Needs . . . . .	VI-7
	Coordination Interest . . . . .	VI-7

VII	HUMAN SERVICE AGENCIES SUMMARY . . . . .	VII-1
	Detailed Summary . . . . .	VII-1
	Human Service Agencies Profile . . . . .	VII-1
	Agency Type . . . . .	VII-2
	Services Provided . . . . .	VII-2
	Population Served . . . . .	VII-3
	Extent Mobility-Impaired Population is Served . . . . .	VII-3
	Type of Mobility Impairments . . . . .	VII-3
	Incidence of Mobility Impairment . . . . .	VII-4
	Transportation Used to Access Services . . . . .	VII-4
	Use of Public Transportation to Access Services . . . . .	VII-5
	Agency-Provided Transportation . . . . .	VII-5
	Type of Transportation Provided . . . . .	VII-5
	Cost to Participant . . . . .	VII-6
	Funding Sources . . . . .	VII-6
	Limitations . . . . .	VII-7
	Transportation to Agency Services . . . . .	VII-8
	Unmet Transportation Needs . . . . .	VII-9
	Importance of Transportation Improvements . . . . .	VII-10
	Support for Increased Funding . . . . .	VII-10
	General Conclusions . . . . .	VII-11
	Agencies and Organizations Identified As “Providers” . . . . .	VII-12
	Individual Agencies . . . . .	VII-13
	A Good Start Day Care . . . . .	VII-13
	Advantage Medical Transport (AMT) . . . . .	VII-13
	Advent Enterprises (Now Job Print) . . . . .	VII-13
	Alternative Community Training, Inc. (ACT) . . . . .	VII-14
	Apple School Day Care . . . . .	VII-14
	Ashland Villa . . . . .	VII-15
	Assembly of God Christian Chapel . . . . .	VII-15
	Bethel Church . . . . .	VII-15
	Boone County Council on Aging, Inc. (BCCA) . . . . .	VII-15
	Boone County Family Resources (BCFR) . . . . .	VII-15
	Boone County Jail . . . . .	VII-16
	Boone Landing . . . . .	VII-16
	Boys and Girls Club . . . . .	VII-16
	Boys and Girls Town . . . . .	VII-16
	Central Missouri Area Agency on Aging . . . . .	VII-17
	Central Missouri Counties Human Development Corporation . . . . .	VII-17
	Central Missouri Regional Center . . . . .	VII-18
	Central Missouri Sheltered Industries . . . . .	VII-18
	Children’s World Day Care . . . . .	VII-18
	Christian Fellowship of Columbia . . . . .	VII-18
	CMC-HDC Head Start . . . . .	VII-19
	Columbia Area United Way . . . . .	VII-19
	Columbia City Parks . . . . .	VII-19
	Columbia Housing Authority . . . . .	VII-20
	Cornerstone Baptist Church . . . . .	VII-20
	Coyote Hill Children’s Home . . . . .	VII-20
	Disabled American Veterans (DAV) . . . . .	VII-20

Division of Youth Services . . . . .	VII-21
End of The Rainbow Day Care . . . . .	VII-21
First Assembly of God . . . . .	VII-21
First Baptist Church of Columbia . . . . .	VII-21
Green Meadows Day Care . . . . .	VII-22
Hallsville Schools . . . . .	VII-22
Hand in Hand Day Care . . . . .	VII-22
Harrisburg Schools . . . . .	VII-22
Harry S. Truman Memorial Veterans' Hospital . . . . .	VII-23
Hillcrest Residential . . . . .	VII-23
Home Instead Senior Care . . . . .	VII-23
Imani Mission Center . . . . .	VII-23
Lenoir Retirement Community . . . . .	VII-24
Lutheran Family and Children Services . . . . .	VII-24
McCambridge Center . . . . .	VII-24
Medicaid Transportation Services . . . . .	VII-24
Missouri Care Health Plan . . . . .	VII-25
Missouri Kidney Program . . . . .	VII-26
MO-X . . . . .	VII-26
Muscular Dystrophy Association . . . . .	VII-26
Pathways Community Behavioral Healthcare . . . . .	VII-27
Phoenix House . . . . .	VII-27
Precious Hearts Learning Center . . . . .	VII-28
Probation and Parole . . . . .	VII-28
Rainbow House . . . . .	VII-28
Reality House . . . . .	VII-28
Salvation Army . . . . .	VII-29
Serve, Inc. CALTRAN . . . . .	VII-29
Services for Independent Living . . . . .	VII-30
Southern Boone County School District . . . . .	VII-30
St. Andrews Lutheran Church-ELCA . . . . .	VII-30
Sturgeon Schools . . . . .	VII-31
Terrace Retirement Apartments . . . . .	VII-31
UMC Office of Disability Services . . . . .	VII-31
University Hospital . . . . .	VII-32
Vocational Rehabilitation . . . . .	VII-32
Voluntary Action Center . . . . .	VII-32
Woodhaven Learning Center . . . . .	VII-33
Agencies Either Not Providing Transportation or Providing Little or No Information . . . . .	VII-33
Agency Summary . . . . .	VII-34
Coordination Interests . . . . .	VII-34
 VIII COMMUNITY CHARACTERISTICS . . . . .	 VIII-1
Community Demographics . . . . .	VIII-1
Baseline Population Data . . . . .	VIII-1
2000-2005 Population . . . . .	VIII-1
Population Density and Distribution . . . . .	VIII-4
Projected Population Data . . . . .	VIII-6
Transit-Dependent Population Characteristics . . . . .	VIII-7

	Elderly Population . . . . .	VIII-10
	Mobility-Limited Population . . . . .	VIII-10
	Low-Income Population . . . . .	VIII-10
	Zero-Vehicle Households . . . . .	VIII-14
	Transit Trip Generators . . . . .	VIII-16
	Major Activity Centers . . . . .	VIII-16
	Major Employers . . . . .	VIII-19
IX	TRANSIT DEMAND ASSESSMENT . . . . .	IX-1
	Introduction . . . . .	IX-1
	Key Concepts . . . . .	IX-1
	Rural Transit Demand Methodology . . . . .	IX-2
	Non-Program Demand . . . . .	IX-3
	Program Trip Demand . . . . .	IX-5
	Summary of TCRP Methodology . . . . .	IX-6
	Fixed-Route Demand Model . . . . .	IX-6
	Approach . . . . .	IX-7
	ADA Demand Estimation Model . . . . .	IX-11
	Mobility Gap Methodology . . . . .	IX-14
	NHTS Trip Generation Rates . . . . .	IX-14
	Mobility Gap Calculations . . . . .	IX-14
	Mobility Gap Summary . . . . .	IX-18
	Percentage of Mobility Gap Filled . . . . .	IX-19
	Modal Split Demand Estimation . . . . .	IX-20
	Potential Employee Transit Demand . . . . .	IX-22
	Potential College Demand . . . . .	IX-22
	Transit Demand Summary . . . . .	IX-23
	Unmet Needs . . . . .	IX-24
	Greatest Transit Needs . . . . .	IX-27
	Methodology . . . . .	IX-27
	Results . . . . .	IX-30
X	UNIVERSITY INPUT . . . . .	X-1
	Overview . . . . .	X-1
	University Student Survey Responses . . . . .	X-1
	Demographic Characteristics . . . . .	X-1
	Year in School . . . . .	X-2
	Residence and Living Arrangements . . . . .	X-2
	Availability of Driver's License and Personal Vehicle . . . . .	X-3
	Trip Characteristics and Needs . . . . .	X-4
	Means of Transportation . . . . .	X-5
	Frequency of Public Transportation Use . . . . .	X-7
	Off-Campus Travel . . . . .	X-8
	Common Trip Destinations . . . . .	X-8
	Primary Trip Purpose . . . . .	X-11
	Increasing Use . . . . .	X-11
	Important Service Characteristics . . . . .	X-11
	Fare Payment . . . . .	X-12
	Transportation Demand . . . . .	X-13
	Transportation Need Beyond City/County . . . . .	X-13

	University Employee Survey Responses . . . . .	X-13
	Demographic Characteristics . . . . .	X-13
	Age and Gender . . . . .	X-13
	Vehicle Availability and Licensed Drivers . . . . .	X-14
	Means of Transportation . . . . .	X-15
	Occupation . . . . .	X-17
	Commute Patterns . . . . .	X-19
	Trip Characteristics . . . . .	X-20
	Primary Trip Purpose . . . . .	X-20
	Common Trip Destinations . . . . .	X-20
	Reason for Public Transportation . . . . .	X-22
	Important Service Characteristics . . . . .	X-22
	Ridership Frequency . . . . .	X-23
	Fare Information . . . . .	X-26
	Community Support . . . . .	X-27
	Support for Increase in Sales Tax or Property Tax . . . . .	X-27
	Transportation Demand . . . . .	X-28
	Transportation Need Beyond County/City . . . . .	X-28
	Additional Unmet Needs and Comments . . . . .	X-29
XI	AGENCY CLIENT SURVEY RESULTS . . . . .	XI-1
	Introduction . . . . .	XI-1
	Demographic Characteristics . . . . .	XI-1
	Age and Gender . . . . .	XI-3
	Vehicle Availability and Licensed Driver . . . . .	XI-3
	Means of Transportation . . . . .	XI-5
	Occupation . . . . .	XI-6
	Commute Patterns . . . . .	XI-7
	Trip Characteristics . . . . .	XI-11
	Trip Purpose of Using Transit . . . . .	XI-11
	Common Trip Destinations . . . . .	XI-11
	Reason for Public Transportation . . . . .	XI-13
	Important Service Characteristics . . . . .	XI-13
	Ridership Frequency . . . . .	XI-14
	Fare Information . . . . .	XI-16
	Transportation Demand . . . . .	XI-17
	Use Public Transportation If Available . . . . .	XI-18
	Lost a Job Due to Transportation . . . . .	XI-19
	Transportation Need Beyond County/City . . . . .	XI-19
	Additional Unmet Needs and Comments . . . . .	XI-20
XII	COMMUNITY SURVEY RESULTS . . . . .	XII-1
	Introduction . . . . .	XII-1
	Demographic Characteristics . . . . .	XII-1
	Age and Gender . . . . .	XII-2
	Vehicle Availability and Licensed Drivers . . . . .	XII-3
	Means of Transportation . . . . .	XII-4
	Occupation . . . . .	XII-6
	Commute Patterns . . . . .	XII-6
	Trip Characteristics . . . . .	XII-11

	Primary Trip Purpose . . . . .	XII-11
	Common Trip Destinations . . . . .	XII-11
	Reason for Public Transportation . . . . .	XII-13
	Important Service Characteristics . . . . .	XII-13
	Ridership Frequency . . . . .	XII-14
	Fare Information . . . . .	XII-16
	Community Support . . . . .	XII-17
	Support for Increase in Sales Tax or Property Tax . . . . .	XII-18
	Transportation Demand . . . . .	XII-19
	Transportation Need Beyond City/County . . . . .	XII-19
	Additional Unmet Needs and Comments . . . . .	XII-20
XIII	POTENTIAL FUNDING SOURCES . . . . .	XIII-1
	Funding Sources . . . . .	XIII-1
	Capital Funding . . . . .	XIII-1
	Operations and Maintenance Funding . . . . .	XIII-2
	Overall Service Considerations . . . . .	XIII-3
	Potential Local and Regional Funding Sources . . . . .	XIII-3
	Federal Transit Funding Sources . . . . .	XIII-6
	Funding Recommendations . . . . .	XIII-9
XIV	POTENTIAL FOR COORDINATION . . . . .	XIV-1
	Introduction . . . . .	XIV-1
	Federal Support for Coordination . . . . .	XIV-4
	Existing Coordination Activities . . . . .	XIV-4
	Basic Coordination . . . . .	XIV-5
	Joint Public Relations and Marketing Materials . . . . .	XIV-6
	Inclusive Brochures . . . . .	XIV-6
	Resource Manual . . . . .	XIV-7
	Common Brochure . . . . .	XIV-8
	Informational Phone Line . . . . .	XIV-10
	Summary . . . . .	XIV-11
	Coordinate with Other Modes of Transportation . . . . .	XIV-12
	Pedestrian and Bicycle . . . . .	XIV-13
	Private Transportation . . . . .	XIV-16
	Summary . . . . .	XIV-17
	Extensive Coordination . . . . .	XIV-17
	Coordination . . . . .	XIV-17
	Brokerage/Lead Agency . . . . .	XIV-17
	Columbia Transit Contracts with OATS for Paratransit Service . . . . .	XIV-21
	Consolidation . . . . .	XIV-23
	Consolidation of Rural Transit Services . . . . .	XIV-23
	Develop a Regional Transit Authority for Columbia and Jefferson City . . . . .	XIV-25
	Summary . . . . .	XIV-26
	Enhanced Services . . . . .	XIV-27
	Expand Columbia Transit Service Area in Columbia . . . . .	XIV-27
	Expand Columbia Transit Service to Include Boone County . . . . .	XIV-28
	Extend Columbia Transit's Hours and Days of Operation . . . . .	XIV-29
	Intercity/Commuter Bus Service . . . . .	XIV-30

	Columbia Transit Coordinates with Private Transportation	
	Companies . . . . .	XIV-31
	Summary . . . . .	XIV-31
	Conclusion . . . . .	XIV-32
XV	IMPLEMENTATION STEPS . . . . .	XV-1
	Requirements for Coordinated Transportation Plans . . . . .	XV-1
	Partnerships . . . . .	XV-2
	Select Coordination Strategies . . . . .	XV-2
	Implementation Plan . . . . .	XV-3

**APPENDICES (bound separately)**

- APPENDIX A: Survey Questionnaires
- APPENDIX B: Letter of Support
- APPENDIX C: Transit Systems
- APPENDIX D: Agency Contact Information
- APPENDIX E: Survey Responses
- APPENDIX F: Demand Estimates
- APPENDIX G: TCRP Trip Rates
- APPENDIX H: University Questionnaires
- APPENDIX I: MU Student Survey Comments
- APPENDIX J: University – City/County Needs
- APPENDIX K: University Survey Comments
- APPENDIX L: Agency Client Questionnaire
- APPENDIX M: Agency Client – City/County Needs
- APPENDIX N: Agency Client Comments
- APPENDIX O: Community Questionnaire
- APPENDIX P: Community – City/County Needs
- APPENDIX Q: Community Survey Comments
- APPENDIX R: Missouri Revised Statutes-Taxation

## LIST OF TABULATIONS

Table	Title	Page
VI-1	Columbia Transit Service Summary . . . . .	VI-3
VI-2	Columbia Transit Vehicle Inventory . . . . .	VI-3
VI-3	Columbia Transit Short-Term Needs . . . . .	VI-4
VI-4	OATS Trip Categories . . . . .	VI-5
VI-5	OATS Revenue Sources FY 2004 . . . . .	VI-5
VI-6	OATS Transit Service Summary . . . . .	VI-6
VI-7	OATS Transit Vehicle Inventory . . . . .	VI-6
VI-8	OATS Transit Short-Term Needs . . . . .	VI-7
VI-9	Coordination Strategies and Responses . . . . .	VI-9
VII-1	What type of primary services does your agency provide? . . . . .	VII-2
VII-2	Agencies Serving Participants with Mobility Limitations . . . . .	VII-4
VII-3	Which of the following transportation methods do your participants use to access your services? . . . . .	VII-5
VII-4	Transportation Provided Directly by Agency . . . . .	VII-6
VII-5	Limitations on the Type of Participants Receiving Transportation . . . . .	VII-8
VII-6	For those participants who have trouble obtaining public transporta- tion to YOUR services, why do you think their options are limited? . . . . .	VII-9
VII-7	Service Improvement Ratings . . . . .	VII-10
VII-8	Summary of Existing Human Service Agency Transportation Resources in Boone County . . . . .	VII-35
VII-9	Coordination Interest . . . . .	VII-37
VIII-1	2005 General Population . . . . .	VIII-2
VIII-2	Boone County Estimated Population Growth . . . . .	VIII-6
VIII-3	2005 Projected Service Area Input Data for TCRP Method . . . . .	VIII-8
VIII-4	Major Employers in Columbia, Boone County . . . . .	VIII-19
IX-1	2005 Estimated Rural Non-Program Transit Demand using the TCRP Method . . . . .	IX-4
IX-2	Boone County Estimated Program-Related Transit Demand . . . . .	IX-6
IX-3	Fixed-Route Demand Model - Columbia Transit . . . . .	IX-9
IX-4	2005 Estimated Paratransit Demand - Columbia Transit Paratransit . . . . .	IX-12
IX-5	Person-Trip Rates . . . . .	IX-16
IX-6	Weighted Household Size . . . . .	IX-16
IX-7	Weighted Households Trip Rates . . . . .	IX-17
IX-8	Mobility Gap Trip Rates . . . . .	IX-18
IX-9	Daily Transit Demand for General Public in Boone County . . . . .	IX-19
IX-10	2005 Annual Transit Demand Summary . . . . .	IX-19
IX-11	Boone County Travel-to-Work Mode Split . . . . .	IX-20
IX-12	Modal Split Method of Demand Estimation . . . . .	IX-21
IX-13	Employee Transit Use Method of Urban Demand Estimation . . . . .	IX-22
IX-14	Comparable Student Trip Rates . . . . .	IX-23
IX-15	Summary of Boone County Transit Demand . . . . .	IX-25
IX-16	2005 Greatest Transit Need Scores by Census Block Group . . . . .	IX-28
IX-17	Census Block Groups with Greatest Transit Need . . . . .	IX-30

X-1	Number of Respondents Who Use a Personal Vehicle by Driver's License . . . . .	X-4
X-2	Characteristics that Influence Public Transportation . . . . .	X-12
X-3	Number of Respondents Who Use a Personal Vehicle by Driver's License . . . . .	X-17
X-4	Commute Matrix . . . . .	X-19
X-5	Characteristics that Influence Public Transportation . . . . .	X-23
XI-1	Number of Respondents by Agency . . . . .	XI-2
XI-2	Number of Respondents Who Use a Personal Vehicle by Driver's License . . . . .	XI-6
XI-3	Commute Matrix . . . . .	XI-9
XI-4	Trip Purpose of Using Transit . . . . .	XI-11
XI-5	Characteristics that Influence Public Transportation . . . . .	XI-14
XII-1	Number of Respondents by Agency . . . . .	XII-2
XII-2	Number of Respondents Who Use a Personal Vehicle by Driver's License . . . . .	XII-5
XII-3	Commute Matrix . . . . .	XII-9
XII-4	Characteristics that Influence Public Transportation . . . . .	XII-14
XIV-1	Summary of Coordination Strategies . . . . .	XIV-34

## LIST OF ILLUSTRATIONS

Figure	Title	Page
VII-1	Agency Type . . . . .	VII-2
VII-2	Age Groups Served . . . . .	VII-3
VII-3	Agencies' Charge Policy . . . . .	VII-6
VII-4	Sources of Funding for Transportation . . . . .	VII-7
VII-5	Types of Trips with Difficulty Obtaining Transportation . . . . .	VII-9
VII-6	Agency Perception on Community Support for Transportation Improvements . . . . .	VII-11
VIII-1	2005 Boone County Population Density . . . . .	VIII-5
VIII-2	Boone County Population Projections . . . . .	VIII-6
VIII-3	2005 Boone County Elderly Population Density . . . . .	VIII-11
VIII-4	2005 Boone County Mobility-Limited Population Density . . . . .	VIII-12
VIII-5	2005 Boone County Below Poverty Population Density . . . . .	VIII-13
VIII-6	2005 Boone County Density of Zero-Vehicle Households . . . . .	VIII-15
VIII-7	Boone County Major Employers and Activity Centers . . . . .	VIII-17
IX-1	Greatest Transit Needs . . . . .	IX-31
X-1	Student Year . . . . .	X-2
X-2	Where Do You Live While Attending MU? . . . . .	X-3
X-3	Driver's License . . . . .	X-4
X-4	Personal Vehicle Available . . . . .	X-4
X-5	Means of Transportation . . . . .	X-6
X-6	Ridership Frequency . . . . .	X-7
X-7	Day of the Week . . . . .	X-8
X-8	Hours of Transportation . . . . .	X-9
X-9	Common Trip Destinations . . . . .	X-10
X-10	Primary Trip Purpose . . . . .	X-11
X-11	Gender . . . . .	X-14
X-12	Driver's License . . . . .	X-14
X-13	Able to Drive . . . . .	X-15
X-14	Means of Transportation . . . . .	X-16
X-15	Occupation . . . . .	X-18
X-16	Primary Purpose . . . . .	X-20
X-17	Common Trip Destinations . . . . .	X-21
X-18	Reason You Need Transportation . . . . .	X-22
X-19	Ridership Frequency . . . . .	X-24
X-20	Hours of Transportation . . . . .	X-25
X-21	Days of the Week . . . . .	X-26
X-22	Reasonable Fare . . . . .	X-26
X-23	Community Support for Transportation . . . . .	X-27
X-24	Support Increased Sales/Property Tax . . . . .	X-28
XI-1	Gender . . . . .	XI-3
XI-2	Driver's License . . . . .	XI-4
XI-3	Able to Drive . . . . .	XI-4

XI-4	Means of Transportation . . . . .	XI-5
XI-5	Occupation . . . . .	XI-6
XI-6	Common Trip Destinations . . . . .	XI-12
XI-7	Reason You Need Public Transportation . . . . .	XI-13
XI-8	Ridership Frequency . . . . .	XI-15
XI-9	Hours of Transportation . . . . .	XI-15
XI-10	Day of Week . . . . .	XI-16
XI-11	Pay for Transportation . . . . .	XI-17
XI-12	Reasonable Fare . . . . .	XI-17
XI-13	Use Public Transportation If Available . . . . .	XI-18
XI-14	Lost a Job Due to Transportation . . . . .	XI-19
XI-15	Transportation Needed Beyond County . . . . .	XI-20
XI-16	Transportation Needed Beyond City . . . . .	XI-20
XII-1	Gender . . . . .	XII-3
XII-2	Driver's License . . . . .	XII-3
XII-3	Able to Drive . . . . .	XII-4
XII-4	Means of Transportation . . . . .	XII-5
XII-5	Occupation . . . . .	XII-6
XII-6	Primary Purpose . . . . .	XII-11
XII-7	Common Trip Destinations . . . . .	XII-12
XII-8	Reason You Need Public Transportation . . . . .	XII-13
XII-9	Ridership Frequency . . . . .	XII-15
XII-10	Hours of Transportation . . . . .	XII-15
XII-11	Day of the Week . . . . .	XII-16
XII-12	Pay for Transportation . . . . .	XII-17
XII-13	Reasonable Fare . . . . .	XII-17
XII-14	Community Support for Transportation . . . . .	XII-18
XII-15	Support Increase Sales/Property Tax . . . . .	XII-18
XII-16	Need Public Transport Beyond County . . . . .	XII-19
XII-17	Need Public Transport Beyond City . . . . .	XII-20