



# City of Evans Transportation Plan

## TABLE OF CONTENTS

	<u>Page</u>
I. INTRODUCTION-----	1
A. Purpose and Approach of the Plan-----	1
B. Transportation Goals -----	3
C. Community Outreach Program-----	4
II. INVENTORY OF EXISTING CONDITIONS -----	6
A. Trails and Pedestrian Facilities-----	7
B. Transit-----	10
C. Roadway Network-----	13
D. Railroad Crossings-----	22
E. Accident History -----	24
III. FORECASTED GROWTH -----	26
A. Land Use Forecasts -----	26
B. 2030 Traffic Forecasts -----	29
C. Travel Patterns-----	29
D. Screenline Analysis -----	29
E. Projected Traffic Demand -----	34
F. Improvement Alternatives -----	34
IV. 2030 TRANSPORTATION PLAN -----	37
A. Trails-----	37
B. Transit-----	39
C. Master Streets Plan-----	41
D. 2030 Traffic on the Master Streets Plan -----	41
V. PLAN IMPLEMENTATION-----	44
A. Pedestrian-----	44
B. Transit-----	48
C. Streets Phasing Plan -----	48
D. Intersection Improvements -----	51
APPENDIX A ADEQUATE PUBLIC FACILITIES	
APPENDIX B STREET TYPICAL SECTIONS	
APPENDIX C ACCESS MANAGEMENT GUIDELINES	



# City of Evans Transportation Plan

## LIST OF FIGURES

	<u>Page</u>
Figure 1.	Project Approach ----- 2
Figure 2.	Existing Trails and Multi-Use Facilities ----- 8
Figure 3.	Areas of Sidewalk Deficiencies ----- 9
Figure 4.	Existing Transit Routes (The Bus)----- 11
Figure 5.	Existing Roadway Functional Classification----- 15
Figure 6.	Daily Traffic Volumes ----- 16
Figure 7.	Peak Hour Traffic Volumes ----- 17
Figure 8.	Existing Roadway Usage ----- 19
Figure 9.	Peak Hour Level of Service ----- 21
Figure 10.	Existing Railroad Crossings----- 23
Figure 11.	High Accident Locations ----- 25
Figure 12.	Traffic Analysis Zones----- 27
Figure 13.	Household Growth (1998–2030)----- 30
Figure 14.	Employment Growth (1998–2030) ----- 31
Figure 15.	2030 Daily Trip Distribution ----- 32
Figure 16.	Screenline Daily Traffic Volumes ----- 33
Figure 17.	2030 Forecasts on Base Case Network ----- 35
Figure 18.	Trails and Multi-Use Facilities Plan ----- 38
Figure 19.	Transit Improvement Plan ----- 40
Figure 20.	Master Streets Plan----- 42
Figure 21.	Master Streets Plan with 2030 Traffic ----- 43
Figure 22.	Street Phasing Plan----- 49
Figure 23.	Safety and Intersection Projects ----- 52
Figure 24.	US 85 Access Improvements----- 55

## LIST OF TABLES

Table 1.	The Bus Fare Schedule----- 10
Table 2.	Functional Classification----- 13
Table 3.	Roadway Capacities ----- 18
Table 4.	Congestion and V/C Ratios ----- 18
Table 5.	Railroad Crossings----- 22
Table 6.	Existing and Projected Household and Employment Data ----- 28
Table 7.	2030 Household and Employment Forecasts by TAZ ----- 28
Table 8.	Traffic Calming Toolbox----- 45
Table 9.	Short Range Projects (2004 to 2012)----- 50
Table 10.	Mid Range Projects (2012 to 2020)----- 50
Table 11.	Long Range Projects (2020 to 2030)----- 51