



Bikeways & Trails Facilities Plan

Albuquerque, NM **2014**

PART I: BACKGROUND & POLICIES

CHAPTER 1: INTRODUCTION	1
A. PLANNING PURPOSE	1
B. BACKGROUND AND HISTORY OF SYSTEM	1
1. <i>Previous Bikeway & Trail Planning in Albuquerque</i>	1
2. <i>Early Accomplishments</i>	2
3. <i>Recent Accomplishments</i>	3
C. BIKEWAYS AND TRAILS BENEFITS	4
1. <i>Economic Benefits</i>	4
2. <i>Traffic Safety</i>	5
3. <i>Social Equity in Mobility</i>	5
4. <i>Public Health Benefits</i>	6
5. <i>Environmental Benefits/Natural and Cultural Resource Protection</i>	6
6. <i>Quality of Life Benefits</i>	7
D. THE PLANNING PROCESS	7
1. <i>Public Involvement Summary</i>	8
2. <i>Data Collection & Analysis</i>	8
E. USING THE PLAN	9
F. DEFINITIONS	10
CHAPTER 2: PLANNING & POLICY FRAMEWORK	14
A. PLAN VISION, GOALS, AND POLICIES	14
1. <i>Vision</i>	14
2. <i>Goals & Policies</i>	14
B. RELATIONSHIP TO OTHER PLANS	17
1. <i>Existing Bicycle and Trail Plans</i>	18
2. <i>City Plans & Policies</i>	20
3. <i>Regional Plans & Policies</i>	21
4. <i>Statewide and National Plans & Policies</i>	22
5. <i>Federal Policies and Programs</i>	22
CHAPTER 3: EXISTING CONDITIONS & CURRENT ISSUES	24
A. CYCLIST & PEDESTRIAN NEEDS	24
1. <i>Types</i>	24
2. <i>User Needs – Current Issues</i>	25
B. EXISTING FACILITIES	26
1. <i>Types of Existing Facilities</i>	26
2. <i>Existing Facility Enhancements – Current Issues</i>	31
C. BIKEWAY & TRAIL SYSTEM ANALYSIS	33
1. <i>Bikeway & Trail System - Assets & Challenges</i>	33
2. <i>System Use</i>	37
3. <i>On-Street Bicycle Facility Needs Assessment</i>	39
4. <i>Current Studies & Programs</i>	42
5. <i>Bikeway & Trail System – Current Issues</i>	44

PART II: RECOMMENDATIONS

CHAPTER 4: RECOMMENDED NETWORK	47
A. FACILITY GAP ANALYSIS PROCESS	47
1. Existing Bikeway Evaluation.....	47
2. System Gap Analysis	48
3. Gap Closure Measures.....	49
4. Steps in Addressing Bikeway & Trail System Gaps.....	54
5. Evaluation of Bikeway Connectivity – Link Connections and Gap Closures.....	56
B. PROPOSED BIKEWAY AND TRAIL FACILITIES	57
1. Full Build-Out of the Bikeways & Trails Facility Plan.....	59
2. High-Priority Projects.....	59
3. Estimated Costs	64
C. EXISTING FACILITY ENHANCEMENTS	65
1. Intersection and Crossing Improvements.....	65
2. Retrofitting Trails to be Universally Accessible.....	66
3. Bollard Assessment & Remediation	66
4. Facility Upgrades.....	67
D. WAY-FINDING	68
1. Signage and Marking	68
2. Emergency Responders	69
CHAPTER 5: RECOMMENDED PROGRAMS	70
A. CURRENT SAFETY, EDUCATION & ENCOURAGEMENT PROGRAMS	70
1. City of Albuquerque Bicycling & Trail Programs.....	70
2. Partnerships & Programs to Encourage and Support	74
B. NEW PROGRAMS TO EXPAND OR INITIATE.....	78
CHAPTER 6: IMPLEMENTATION STRATEGIES	83
A. BIKEWAY & TRAIL FACILITY DEVELOPMENT APPROACH	83
1. Administrative Organization & Coordination.....	83
2. Bicycle & Trail Coordinator	85
3. Role & Structure of Advisory Committees.....	86
4. Policies for Bikeway & Trail Development.....	89
5. Procedures for Design Development & Review	94
B. LEGISLATIVE RECOMMENDATIONS	96
1. New Mexico State Motor Vehicle Code.....	96
2. Traffic Code, Albuquerque Code of Ordinances.....	97
3. Zoning Code, Albuquerque Code of Ordinances.....	97
4. Albuquerque Development Process Manual	99
C. MAINTENANCE & OPERATIONS RECOMMENDATIONS.....	99
1. Current Trail Maintenance Practice	99
2. Citizen Maintenance Requests.....	101
3. Spot Improvement Program	102
D. MONITORING & EVALUATION	102
1. Trail and Bikeway Counts.....	102
2. Crash Data Collection & Analysis.....	103
3. Survey.....	104
E. FUNDING.....	104
1. State and Local Sources	104
2. Local Sources	104
F. SUMMARY OF IMPLEMENTATION ACTIONS	105

CHAPTER 7: DESIGN MANUAL.....SEPARATE LINK ON WEBPAGE