

Table 10: Implementation Matrix

Element	ID	Priority	Action	Measurement	Lead Agency; Coordination Required
CIP/Network Improvements	1	Ongoing	Develop new facilities to implement this Plan's goals of bikeways and trails as integral transportation infrastructure and recreational opportunities. Strive to increase on-street bikeway mileage from the current 365 to 500 by the year 2025 and 650 by the year 2035. Strive to increase trail mileage from the current 175 to 200 in the year 2025 and 240 in the year 2035.	Produce an annual report of the miles of trails and bikeways that have been completed.	Municipal Development Parks & Recreation; and Planning
Administration	2	Ongoing	Work with citizen advisory and advocacy groups to promote bicycling and pedestrianism, improve bicycle and pedestrian safety, and improve the implementation of new facilities in their advisory role.	Attend at least one meeting of all advocacy groups that register with the City.	Trails Coordinator & Bikeways Coordinator; Planning
Administration	3	Ongoing	Strongly encourage trail and bikeway dedication as part of other public project planning. Continue to support Land Development Regulations enabling trail and bikeway dedication and construction.		Parks & Recreation and Municipal Development; Planning
Administration	4	Ongoing	Continue supporting programs related to education, outreach, and encouragement.		Parks & Recreation and Municipal Development; Planning
Administration	5	Ongoing	Maintain a dedicated local funding source for construction, maintenance, and enhancement of trails and bikeways. Leverage local funding to obtain state and federal transportation funds for major projects that serve a transportation purpose. Invest in the development and promotion of connections among elements of the Parks, Open Space, and Trails (P.O.S.T.) system as well as a regional recreational trail system. DMD and P&R will communicate and coordinate requests for federal transportation funding and representation at MRCOG related to bikeways and trails.	Operating funds will be allocated for construction and maintenance	Municipal Development and Parks & Recreation
Administration	6	Ongoing	Maintain a dedicated local funding source to support bikeway and trail programming and education efforts.	Operating funds will be allocated for programming and education	Parks & Recreation and Municipal Development; Planning
CIP/Network Improvements	7	Ongoing	Evaluate the feasibility and suitability for non-motorized facilities on all new roads. Implement on-street bicycle facilities in conjunction with roadway rehab projects. Plan and design for bicycle travel with all intersection improvements, where feasible according to budget and schedule, to include 5-foot bike lanes or minimum curb lane widths of 15 feet through intersections.	Produce an annual report that documents the percent of new road projects/rehabs that include bicycle and/or pedestrian facilities.	Municipal Development; Parks & Recreation and Planning
Data Collection & Analysis	8	Ongoing	Obtain crash data from the UNM Geospatial and Population Studies, Traffic Research Unit (TRU). Evaluate progress in reducing trail and bikeway fatalities and injuries.	Prepare an annual report that documents the status.	MRCOG; Municipal Development
Data Collection & Analysis	9	Ongoing	Monitor response time for the maintenance requests and provide follow-up on the type of response. Report annually the number and type of request being made.	Database is created and maintained	Trails Coordinator & Bikeways Coordinator; Planning
Interagency Coordination	10	Ongoing	Coordinate with all of the many agencies and jurisdictions needed to implement the plan. Continue support of and partnership with other agencies' bike & trail programs as well as the MRCOG's regional Travel Reduction and Rideshare programs.	Prepare an annual report that documents the status of coordination efforts.	Trails Coordinator & Bikeways Coordinator; Planning
Interagency Coordination	11	Ongoing	Continue and expand the interface between bikes and buses, including such features as bicycle racks on all buses, bicycle racks and lockers at park-and-ride lots, and the guaranteed ride home program. Promote bike/bus programs through ABQ Ride literature and PSAs.	Prepare an annual report that documents the status.	Transit, Bikeway Coordinator, Trails Coordinator
Maintenance	12	Ongoing	Establish maintenance standards and a schedule for inspections and maintenance activities. Update the maintenance responsibility map and database.	Maintenance standards are adopted with this plan and implemented.	Parks & Recreation and Municipal Development
Maintenance	13	Ongoing	Ensure that the Design Guidelines are followed for trail maintenance and that re-seeding and mulching is in compliance with best practices and safety needs of trail users. Practice selective weed control to reduce herbicide use and allow native grasses to establish.	Inventory the number and extent of facilities that are deficient in relation to the Design Guidelines	Parks & Recreation; Municipal Development and Planning
Maintenance	14	Ongoing	Maintain arterial and collector street surfaces, including those not designated as bikeways, on a routine basis to reduce hazards (e.g., potholes, debris) for bicyclists who use these facilities.		Municipal Development; Parks & Recreation and Planning
Planning	15	Ongoing	Continue to develop Signage Standards for trails. Implement City-wide on-street and trail wayfinding signage program as budget allows.	Signage Standards are developed	Trails Coordinator; Municipal Development and Planning

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Planning	16	Ongoing	Bollard Placement evaluation & inventory. Complete the Bollard Inventory to identify the location and design of all existing bollards on trails. Prioritize remediation of bollard installations that do not meet the Design Standards in City right-of-way.		Municipal Development and Parks & Recreation; Planning
Planning	17	Ongoing	Preserve and add equestrian facilities where appropriate.		Parks & Recreation; Municipal Development and Planning
Programs	18	Ongoing	Develop a public information campaign regarding trail use safety. Educate the public about trail rules of etiquette and the types of accommodations required with high user volumes (slower speeds, more communication). Cooperate to inform the public on ditch and arroyo safety matters.	Document at least 1 informational campaign per year.	Bicycle Safety Educator; Municipal Development and Planning
Programs	19	Ongoing	Continue development and use of PSAs, as well as short instructional safety videos, to promote proper and legal bicyclist behavior. Promote general public awareness and acceptance of bicycling to promote bicycle safety. Encourage and support head injury awareness and helmet usage through awareness of state laws, educational brochures, and programs. Target use of PSAs on television/local radio stations for specific community events, especially during the annual Bike Month.	Document at least 1 informational campaign per year.	Municipal Development and Bicycle Safety Educator; and Planning
Programs	20	Ongoing	Develop, distribute, and update annually a bicycle and trail map, which includes commuting, and safety tips and laws related to bicycling.	A new map will be produced each year	Bikeways Coordinator; Parks & Recreation and Planning
Administration	21	Short-term	Update the short-term priority facility construction list every two years, in conjunction with the Decade Plan		Trails Coordinator & Bikeways Coordinator; Planning
Administration	22	Short-term	Monitor the implementation of elements within the Bikeways and Trails Facility Plan and have a goal to update the Plan at five year intervals. Monitor and document the status of work towards short and mid-term implementation actions. Evaluate if there is an adequate system and equitable distribution of each of the facility types, according to the principals of developing an extensive system that also responds to population densities and demand.	Produce an annual report with all projects and programs stasured.	Planning, Municipal Development and Parks & Recreation
Administration	23	Short-term	Develop an improved project identification, design, and development process through a Plan Implementation Project Team & Technical Review Group.	Project implementation team is established and operational	Parks & Recreation and Municipal Development; Planning
Administration	24	Short-term	Ensure that consistent, routine training of City of Albuquerque, MRCOG, and other jurisdiction staff is taking place.		Parks & Recreation and Municipal Development; Planning
Administration	25	Short-term	Evaluate the current Advisory Group process and its effectiveness. Make recommendations and implement an improved training, coordination, and input process.		Parks & Recreation and Municipal Development; Planning
Administration	26	Short-term	Conduct a biennial meeting among agencies involved in planning and implementation issues regarding bikeways and trails (construction, right of way, maintenance, funding, education, etc.) to include at least: the City (DMD, P&R, Planning Department, Open Space, Park Management, Bike Safety Program), NMDOT, BernCo, AMAFCA, MRCOG, MRGCD, Rio Rancho, and representatives of Citizens Advisory Groups and other advocacy groups. Topics will include: presentation of status reports regarding funding and programming, new facilities, new standards, and how to resolve recurring issues. A summary of the meeting and outcomes will be transmitted to participants and the Mayor and City Council and be posted on the City's website.	Meeting is conducted	Trails Coordinator & Bikeways Coordinator; Planning
Administration	27	Short-term	Adopt a Complete Streets Ordinance.	Ordinance is adopted by City Council	Council Services; Planning and Municipal Development

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Administration	28	Short-term	Design & Construct facilities according to design standards/guidelines to improve safety of facilities. Adhere to the Design Guidelines adopted as part of this Plan when implementing projects unless strict adherence is not feasible. Any deviation must be documented by the project manager, including a rationale for the deviation.	Develop a documentation process to explain any design elements that are not consistent with the Design Guidelines.	Parks & Recreation and Municipal Development; Planning
Administration	29	Short-term	Develop a City-wide policy for incorporating maintenance considerations and funding as part of all new (or major renovation) trail construction projects.	New policy has been implemented.	Parks & Recreation; Municipal Development and Planning
Administration	30	Short-term	Design, construct, and maintain the proposed Short-term projects in this Plan.		Parks & Recreation and Municipal Development; Planning
CIP/Network Improvements	31	Short-term	Develop an implementation plan and work on completing the "Critical Link" Priorities that are identified in this plan by 2025 and identify other high priority gaps by 2035.	Produce an annual report of the gap closure projects that have been completed. Prioritized list of projects for next 2 years.	Municipal Development and Parks & Recreation
CIP/Network Improvements	32	Short-term	Assess the need for and develop new facilities or routes as needed to support the Parks, Open Space, and Trails (POST) system. The facilities may include loop routes, secondary trails, primary trails, and other connecting facilities as needed to connect to desired destinations. Also assess the need for multi-use trails that contribute key linkages to the on-street bikeway system, including interim trail improvements where needed and spot safety trail improvements.	Document efforts to develop a prioritized list. Produce an annual report of the miles of trails that have been completed.	Parks & Recreation; Municipal Development and Planning
Data Collection & Analysis	33	Short-term	Existing bicycle lanes should be inventoried to identify the number and location of intersections that do not provide a continuous bicycle facility.	Inventory is completed.	Municipal Development; Planning
Data Collection & Analysis	34	Short-term	The City should strive to identify the extent of bicycle lanes that are deficient in marked width, according to the current DPM standards and highlight these locations of deficient on the printed Bike Map.	Inventory is completed.	Municipal Development; Planning
CIP/Network Improvements	35	Short-term	Identify appropriate locations and implement innovative techniques to make the street system safe to provide critical connections in the trail and bikeway system. Provide appropriate educational campaigns before and after installation.	Implement at least one innovative technique at 2 locations per year.	Bikeways Coordinator; Parks & Recreation and Planning
CIP/Network Improvements	36	Short-term	Utilize bicycle- and pedestrian-friendly roadway design practices and complete streets policies for all new and reconstructed roads.	Monitor the number of new lane miles added and reconstructed roads with multi-modal facilities	Municipal Development and Planning
CIP/Network Improvements	37	Short-term	Provide striped lanes/shoulders of at least five feet wide on all new or reconstructed bridges, underpasses and overpasses.	Produce an annual report that documents the percent of new road projects/rehabs that include bicycle and/or pedestrian facilities.	Municipal Development; Parks & Recreation and Planning
Data Collection & Analysis	38	Short-term	Perform an evaluation of the existing bikeway facilities according to the Infrastructure Project Evaluation Criteria identified in Chapter 5.A.1 Existing Bikeway Evaluation	A study is completed that identifies the quality of all existing bikeways and the substandard links are identified.	Bikeways Coordinator; Parks & Recreation and Planning
Data Collection & Analysis	39	Short-term	Inventory and prioritize implementation of intersection enhancements, facility gap closures, and reconstruction of facilities that do not meet the minimum Design Standards. Utilize the database to identify high accident locations and/or high accident severity locations to help in the prioritization of project and program improvements.	Inventory and priority list is updated.	Municipal Development; Parks & Recreation and Planning
Data Collection & Analysis	40	Short-term	Routinely conduct and update bikeway and trail user counts to estimate usage levels and to help determine progress toward achieving future mode-split goals and to document the proportion of male vs. female users.	Database is created and maintained	MRCOG; Parks & Recreation, Municipal Development and Planning

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Data Collection & Analysis	41	Short-term	Conduct before and after bicycle counts for road-ways that are reconstructed or re-stripped to have bicycle lanes and for other improvements to bike-ways to gauge the effect of the improvements.	Database is created and maintained	MRCOG; Municipal Development
Data Collection & Analysis	42	Short-term	Maintain and update a facility-user accident database. Perform an annual review of the types of incidents reported, and determine if there are design changes, location-specific improvements, or educational campaigns that could reduce the number of crashes and accidents. Review each collision/accident in a timely manner to identify system deficiencies and potential improvements. Consider using a Critical Incident Survey to collect self-reported accident and injury information.	Database is created and maintained	Risk Management; Planning, Municipal Development, and Parks & Recreation
Data Collection & Analysis	43	Short-term	Request the annual data on frequency of scheduled sweeping for the on-street bikeway and multi-use trail system, along with the number and location of spot sweeping requests. Establish a database to track trends and provide data that can be used refine scheduled sweeping and maintenance budget request.	Database is created and maintained	Bikeways Coordinator and Trails Coordinator; and Planning
Interagency Coordination	44	Short-term	Provide staff liaisons from the City, MRCOG, Bernalillo and Sandoval Counties, and other area departments of transportation to attend Advisory Group meetings and to work on Advisory Group issues on a routine basis.		Trails Coordinator, Bikeways Coordinator and Other Agencies
Interagency Coordination	45	Short-term	Develop a map or GIS tool that will improve interagency knowledge of emergency access location and wayfinding information on trails.	Prepare an annual report that documents the status.	Trails Coordinator; APD & other First-Responders
Maintenance	46	Short-term	Establish timely responsiveness to maintenance requests from citizens through the use of the City's 311 Citizen Contact Center or website or other means for citizens to report concerns. Establish an agency goal of 48 hours to address these requests.	Monitor response time for the maintenance requests and provide follow-up on the type of response. Report annually the number and type of request being made.	Municipal Development and Parks & Recreation; Planning
Maintenance	47	Short-term	Explore alternative methods of treatment of puncture vine, such as: various methods of mechanical removal; various methods of establishing native grass without using supplemental irrigation; alternative approaches to herbicide practices, with careful attention to application/timing; and biological techniques (weevils).	Study is completed	Parks & Recreation; Municipal Development and Planning
Maintenance	48	Short-term	For major trail projects, require the design engineer to include a concept plan for the long-term maintenance protocol that is envisioned, e.g. care of plantings, drainage issues, etc.	Standard language about maintenance is included in engineering Scope of Work	Parks & Recreation; Municipal Development and Planning
Planning	49	Short-term	Inventory, evaluate, and then retrofit design enhancements for facilities that do not meet the minimum standards or have a high number of users.		Municipal Development and Parks & Recreation; Planning
Planning	50	Short-term	Apply 1/4 Transportation Tax funding for a trail rehabilitation project, using a City contractor to implement the outcomes of the evaluation.	Rehabilitation and evaluation are complete	Trails Coordinator; Bikeways Coordinator and Planning
Planning	51	Short-term	Modify the DPM to <u>reflect current standards for bicycle facilities and to reflect current best practices, such as it should</u> require developers of walled subdivisions to provide connectivity between their developments and adjacent bikeways and trails.	Standards have been amended.	Planning; Municipal Development
Programs	52	Short-term	Heighten public awareness of bicycle planning efforts and ensure on-going citizen participation and support for bikeway development. Provide periodic news releases for bicycle planning and bicycle system development.	Document the number of informational campaigns per year	Municipal Development; Parks & Recreation and Planning
Programs	53	Short-term	Implement Launch Parties for New Bikeways when new facilities are completed. It is a low-cost strategy that publicizes new facilities and builds public awareness of bicycling. As a low-cost/high-benefit program, it should become part of the City's standard bikeway implementation procedure.	Document efforts to expand the program.	Trails Coordinator and Bikeways Coordinator; Planning
Planning	54	Short-term	<u>Compile a list of top Bicycle / Vehicle crash locations city-wide to help prioritize funding and efforts.</u>	<u>Top crash locations are identified</u>	Municipal Development and Parks & Recreation; Planning

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Element	ID	Priority	Action	Measurement	Lead Agency; Coordination Required
Administration	54	Mid-term	Prioritize implementation of trail amenities projects. Obtain supplemental capital funding as needed for major projects and to provide trail amenities.	Trail amenity locations are prioritized.	Parks & Recreation
Administration	55	Mid-term	Create a Technical Review Committee (TRC) to include a few key staff members with expertise in design of trail and bike facilities. TRC would review major projects on a project-by-project basis. This review would be in addition to and in anticipation of DRC. Other experts would be included on a case-by case basis as necessary, e.g., ADA specialist, Traffic Engineer, Park Management, AMAFCA, etc. Where there are potentially difficult design issues, a pre-design meeting of the TRC would be appropriate and input from Citizen Advisory Groups will be sought. TRC's recommendations will be documented by the Project Manager.	TRC is established and this approach is implemented.	Trails Coordinator & Bikeways Coordinator; Planning
Administration	56	Mid-term	Conduct an annual training to address the following groups and topics: 1) engineers, landscape architects, and others involved in path design, including both in-house and non-City professionals, regarding shared use path design issues and innovations; 2) traffic safety personnel, regarding on-street bikeway design and techniques regarding paths crossings of arterials; and 3) maintenance staff, regarding status, issues and techniques in maintenance practices. Materials will be posted on the City's website.	Annual training program is developed and implemented.	Trails Coordinator & Bikeways Coordinator; Planning
CIP/Network Improvements	57	Mid-term	Develop strategies and use design techniques on available right-of-way to minimize conflict of use on all high use trail corridors.	Reduced number of trail crashes is documented	Trails Coordinator; Municipal Development and Planning
CIP/Network Improvements	58	Mid-term	Evaluate all collector and arterial roadways for the possibility of restriping to provide bike lanes, or minimum out-side lane width of 14 feet.	All major roadways are evaluated.	Municipal Development
CIP/Network Improvements	59	Mid-term	Prioritize system enhancements for bicycle lanes with unclear travel paths through major intersections. Install Multi-Lane Arterial Intersection Improvements, including continuous bicycle lane markings up to the crosswalk, bicycle detection loop, and color enriched bicycle travel lane in conflict areas according to the adopted "Prototypical Intersection Improvement" design in this plan. Include these improvements as a portion of each annual capital improvements budget.	Document efforts to develop a prioritized list.	Bikeways Coordinator; Parks & Recreation and Planning
CIP/Network Improvements	60	Mid-term	Determine and prioritize appropriate locations for major improvements, such as overpass structures.	Document efforts to develop a prioritized list.	Municipal Development and Parks & Recreation
CIP/Network Improvements	61	Mid-term	Develop a strategy for including publically accessible trails and bikeways in all new subdivisions to create a network with at least one facility every half-mile.	Document efforts to develop a program.	Planning; Municipal Development and Parks & Recreation
Data Collection & Analysis	62	Mid-term	Develop a strategy and program to collect accident and injury data on trails and bikeways. Consider using a Critical Incident Survey to collect self-reported accident and injury information.	Study is completed	Trails Coordinator & Bikeways Coordinator; Planning
Data Collection & Analysis	63	Mid-term	Conduct an annual bicycle user survey to collect and report mode-share data for commuting trips and all trips taken.	Survey is created and administered	Bikeways Coordinator & Trails Coordinator; Planning
Data Collection & Analysis	64	Mid-term	Periodically conduct community-wide public opinion surveys to: 1) determine reasons why people do or do not ride bicycles, 2) develop bicycle trip patterns and purposes, and 3) gain input on bicycle projects and programs that could improve bicycling in Albuquerque.	Survey is created and administered	Bikeways Coordinator & Bicycle Educator; Planning
Interagency Coordination	65	Mid-term	Work with the University of New Mexico and New Mexico State University to develop curricula for bicycle-friendly transportation system design.	Prepare an annual report that documents the status.	Bikeway Coordinator; UNM
Interagency Coordination	66	Mid-term	Develop and fully support a bicycle education program in Albuquerque's elementary and secondary schools as part of current physical education requirements.	Prepare an annual report that documents the status.	APS; Bicycle Educator
Interagency Coordination	67	Mid-term	Coordinate improvements and standards among City Departments, applicable public agencies, and other jurisdictions, including, but not limited to AMAFCA, NMDOT, Bernalillo County, Rio Rancho, Sandoval County, Corrales, Los Ranchos, KAFB.	Adoption of consistent design and maintenance standards across jurisdictions	Bikeway Coordinator; Trails Coordinator
Maintenance	68	Mid-term	Implement the YARDI system and apply it to the trails network to keep track of maintenance needs.	All maintenance activities are documented in YARDI	Parks & Recreation

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Maintenance	69	Mid-term	The City should explore adding another step to the 311 notification system that closes the loop after the work order is completed.	The 311 notification system is modified	311; Parks & Recreation and Municipal Dev.
Maintenance	70	Mid-term	Institutionalize a trail spot improvement program.	Spot improvement program is implemented for trail repair	Trails Coordinator; Municipal Development and Planning
Maintenance	71	Mid-term	Determine the most effective methodology for extending pavement life and explore sharing responsibility for addressing these issues (regarding equipment, expertise, etc.).	Study is completed	Trails Coordinator & Bikeways Coordinator
Maintenance	72	Mid-term	Trails should be swept on a scheduled basis and when requested. Locations that historically require more frequent sweeping should be noted and investigated as to what may be causing this problem and fix if practical.	Monitor the number of maintenance requests	Parks & Recreation; Municipal Development and Planning
Maintenance	73	Mid-term	Based on results and experience of investigations on methods for establishment of native grass, Park Management should utilize G.O. bond funding and 1/4 cent Transportation Tax to plan and implement a program to establish. This may take a sequence of years.	Revegetation program is implemented	Parks & Recreation
Maintenance	74	Mid-term	Develop procedures to more frequently sweep and maintain streets that have on-street bicycle facilities	Sweep schedule is created	Municipal Development; Planning
Maintenance	75	Mid-term	P&R and DMD will annually update the database of facilities maintenance responsibilities and consider how to address recurring issues/complaints.	Annual maintenance actions are documented	Parks & Recreation and Municipal Development; Planning
Planning	76	Mid-term	Perform an ADA audit of all trails and develop an implementation plan to retrofit trails to be universally accessible where feasible.	Document efforts to develop a prioritized list.	Trails Coordinator; Bikeways Coordinator and Planning
Planning	77	Mid-term	Facilities Plan for Arroyos Update	Plan is updated	Parks & Recreation and Planning
Planning	78	Mid-term	Development of a City-wide Streetscape Plan w/Maintenance Element	Study is complete	Solid Waste; Municipal Development and Planning
Planning	79	Mid-term	Evaluate the feasibility of a Parks, Open Space & Trails Foundation, which would allow tax-deductible contributions and encourage patronship	Parks, Open Space, and Trails Foundation is established	Parks & Recreation; Municipal Development and Planning
Planning	80	Mid-term	Develop a new policy regarding Exclusive Use Permit for Trails Events	New policy is adopted	Open Space and Cultural Services; Municipal Development and Planning
Planning	81	Mid-term	Identify and evaluate how to address needed ADA non-compliance, repairs, replacements, and frequently required problem areas (sweeping, pavement drop-offs, erosion, etc.).	Study(s) are complete	Trails Coordinator; Bikeways Coordinator and Planning
Planning	82	Mid-term	Amend the Albuquerque Traffic Code, §8-5-1-1, to prohibit parking in a marked bicycle lane or bicycle box, and §8-5-1-15, to clearly identify that bicycle lanes are travel lanes	Regulation is amended	City Council; Planning
Planning	83	Mid-term	Amend the Albuquerque Traffic Code, §8-2-9-1 and 8-2-9-2 Accidents, Reports, to include reporting of bicycle crashes.	Regulation is amended	City Council; Planning
Planning	84	Mid-term	Amend the Albuquerque Parking Code, §14-16-3-1, to include long-term bicycle parking, where applicable.	Regulation is amended	City Council; Planning
Planning	85	Mid-term	Amend the Development Process Manual to indicate the correct way of measuring the width of bicycle lanes to make the text match the diagram	Manual is amended	Planning, Municipal Development and Parks & Recreation

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Programs	86	Mid-term	Law Enforcement Education trainings and Community Enforcement Actions (such as targeted speed enforcement near schools, speed reader board deployment, bicycle light giveaways, etc.).	Education and Enforcement programs are developed & implemented.	Bikeways Coordinator; APD and Planning
Programs	87	Mid-term	Promote Albuquerque as a Bicycle-Friendly Community by achieving the League of American Bicyclists' Bicycle Friendly Communities award designation and Bicycling Magazine's Top Ten Best Cities for Cycling award. <i>Apply to become a silver-level Bicycle Friendly Community.</i>	Report the results of the survey. Identify solutions to rectify deficiencies reported by the award.	Bikeways Coordinator; Planning
Programs	88	Mid-term	Utilize volunteers and the citizen advisory committees to the greatest extent possible to implement the policies in the plan. Develop a program to utilize volunteers for safety patrols.	Document efforts to develop a program.	Trails Coordinator and Bikeways Coordinator; Planning
Programs	89	Mid-term	Promote air quality benefits of bicycling through public outreach efforts to major public and private sector employers, such as the University of New Mexico (UNM), KAFB, Sandia National Laboratories, Intel, and area schools.	Document efforts to develop a program.	Environmental Health and Planning
Programs	90	Mid-term	Develop, implement, and promote specific incentive programs to encourage existing businesses and other entities to provide facilities for bicycling, such as bicycle racks, bicycle lockers, changing areas, showers, and clothes lockers. Develop and support cash incentive programs to promote bicycling, such as parking cash-out allowances (i.e., cash payments to bicyclists in lieu of employer-provided parking) for City, UNM, KAFB, and other employees who work for public or private sector employers.	Document efforts to develop a program.	Bikeways Coordinator; Economic Development and Planning
Programs	91	Mid-term	Promote organized bicycle events and racing on city streets as a means of increasing public awareness of bicycling as a viable sport for public viewing and participation.	Document efforts to develop a program.	Bikeways Coordinator and Planning
Programs	92	Mid-term	Encourage the inclusion of bicycling-related questions in motor vehicle driving license tests as a means to raise awareness of bicyclists' rights and responsibilities.	Document efforts to develop a program.	APD; Bicycle Educator, Municipal Development and Planning
Programs	93	Mid-term	Expanding the existing Albuquerque Safe Routes to School program will offer great benefits to children's health and safety. The statewide Safe Routes to School program, run by the New Mexico Department of Transportation, offers funding assistance for developing an action plan, implementing infrastructure projects and offering non-infrastructure projects.	Document efforts to expand the program.	Bicycle Educator and Bikeways Coordinator; Planning
Programs	94	Mid-term	Several family-oriented outreach programs have been recommended, including a Family Bicycling and Trail Use Program, a Bike to Parks Program and a Summer Streets Car-Free Street Event. These all should be seen as medium-priority actions and the City should select which program they would like to focus on first. A Share the Trail Campaign is not a first-tier priority, but may be implemented sooner if a community group like BikeABQ is willing to take primary responsibility for it.	Document efforts to expand the program.	Trails Coordinator and Bikeways Coordinator; Planning
	95	Mid-term	Prioritize, design, construct, and maintain the proposed intersection improvements and the proposed grade separated crossings & mid-block crossings		Municipal Development; Parks & Recreation and Planning
	96	Mid-term	Driver Education Related to Bicycling		Municipal Development; Parks & Recreation and Planning
	97	Mid-term	City-Sponsored Bike Rack Program		Municipal Development; Parks & Recreation and Planning
Administration	98	Long-term	Provide full-time staff positions dedicated to trails and bikeways with appropriate office budgets to promote bicycling and trail use within Albuquerque.	Report of the number of staff who are dedicated to bikeways & trails	Municipal Development; Parks & Recreation and Planning
CIP/Network Improvements	99	Long-term	Provide a striped bicycle lane or shoulder consistent with the City's Development Process Manual and AASHTO bicycle facility design guidelines on all new, rehabilitated or reconstructed roadways, as indicated in the Facility Plan.		Municipal Development; Planning

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Maintenance	100	Long-term	Improve and fund the street maintenance and sweeping program. Establish the highest priority for allocation of street sweeping resources to sweeping all bike lanes at least once per month and bike routes on local streets a minimum of four times a year. Multi-use trail sweeping should be performed on a regular basis and when requested.	Request the annual data on frequency of scheduled sweeping for the on-street bikeway and multi-use trail system, along with the number and location of spot sweeping requests. Establish a database to track trends and provide data that can be used to refine scheduled sweeping and maintenance budget request.	Municipal Development; Parks & Recreation and Planning
Maintenance	101	Long-term	Maximize use of community service workers program to enhance Park Management’s ability to address trail maintenance.	Parks and Recreation has implemented a community service work program	Trails Coordinator; Municipal Development and Planning
Maintenance	102	Long-term	Establish native drought-tolerant grasses and plants next to trails, with a goal that over time, the natives will out-compete the puncture vine.	Monitor the number of complaints about puncture vine problems	Trails Coordinator; Municipal Development and Planning
Maintenance	103	Long-term	Encourage a bottle deposit program in order to reduce littering of roadways and bike facilities with broken glass.		Municipal Development, Solid Waste and City Council
Planning	104	Long-term	Develop maps for use by the public that show which portions of the trail system are appropriate for particular types of trail users and that highlight major destinations.	A new series of maps is produced and distributed	Trails Coordinator; Municipal Development and Planning
CIP/Network Improvements	105	Long-term	Assess the system's ability to provide connectivity for different user type. Evaluate the extent of system for each user type.	Different maps are produced that reflect facilities suitable for different user groups	Planning; Municipal Development and Parks & Recreation
CIP/Network Improvements	106	Long-term	Develop and implement a wayfinding & orientation program. Develop a standardized facility naming and marking program for trail wayfinding. Implement trail and bikeway signage and marking as recommended in the wayfinding program. Coordinate with emergency responders regarding the outcome of the trail way-finding system		Trails Coordinator and Bikeways Coordinator; Planning
Planning	107	Long-term	Amend the NM State Motor Vehicle Code, §66-7-327, to allow alternate methods for signaling turns on a bicycle	Regulation is amended	Bikeways Coordinator; Planning
Planning	108	Long-term	End of trip facilities & incentivization programs		Municipal Development; Parks & Recreation and Planning
Planning	109	Long-term	Identify trails which may expect heavy bicycle commuter traffic and require an extra design effort on those trails to separate user types depending on right-of-way and License Agreements.	Planning Study with User Survey	Parks & Recreation; Municipal Development and Planning
Planning	110	Long-term	Pedestrian Safety & Infrastructure Plan	Plan is complete	Planning; Municipal Development
Planning	111	Long-term	MMLOS or Traffic Level of Stress Analysis	Study is complete	Planning; Municipal Development
Planning	112	Long-term	Perform a corridor analysis or specialized study where necessary to address environmental agency or neighborhood concerns, or to determine precise alignment for future trails and on-street bicycle facilities.	Study is complete	Municipal Development and Parks & Recreation; Planning

Table 10: Implementation Matrix

Element	ID	Priority	Action	Measurement	Lead Agency; Coordination Required
Programs	113	Long-term	Develop and implement a consistent, balanced traffic law education program for law enforcement personnel for improving target pedestrian, bicyclist, and motorist compliance with traffic laws. Update or develop materials for use by law enforcement personnel to support education and enforcement efforts.	Document efforts to develop a program.	APD; Bicycle Educator, Municipal Development and Planning
Programs	114	Long-term	Develop and implement a traffic law enforcement program for bicyclists and motorists and link to education program efforts. Increase public outreach efforts, including video and audio PSAs to educate motorists on bicyclists' rights and responsibilities.	Document efforts to develop a program.	APD; Bicycle Educator, Municipal Development and Planning
Programs	115	Long-term	Develop a public information campaign to encourage bicycle commuting. Work with businesses throughout the Albuquerque to encourage commuting by bicycle among their employees and to increase motorists' awareness to share the road. Provide outreach and personal travel cost information that shows how bicycle transportation can be beneficial to both employees and students.	Document at least 1 informational campaign per year.	Bikeways Coordinator; Parks & Recreation and Planning
Programs	116	Long-term	Commit appropriate police time (bicycle and motor vehicle patrols) to target pedestrian, bicyclist, and motorist enforcement efforts.	Document strategies for balanced enforcement efforts.	APD
Programs	117	Long-term	Continue and expand Police Bicycle Patrols and dedicate a distinct percentage of their time to educational efforts on proper bicycling behavior.	Report the number of staff or FTE assigned to bicycle patrols.	APD
Programs	118	Long-term	Provide dedicated funding to support public bicycling awareness programs and "Share the Road" campaigns.	Operating funds will be allocated for bicycling awareness programs	Bicycle Educator and Municipal Development; Planning
Programs	119	Long-term	Developing a Driver Diversion Class will be a longer-term effort, as they will require coordination with many community partners. The Diversion Class will require the support and participation of local courts, and work-ing with lawyers, traffic safety professionals and educators to prepare the curriculum will help the program launch on a firm footing. This program may need start-up funding to develop the course, but it should be self-sustaining on a long-term basis as the fee for participation can be set to cover the costs of the program.	Document efforts to develop a program.	APD; Parks & Recreation, Municipal Development and Planning
Programs	120	Long-term	"One-Stop" Albuquerque Bicycling Website. It can be hosted on the City's existing website, incurring no additional expenses, and can largely be assembled by City staff, with the support and participation of GABAC and GARTC.	Document efforts to develop a program.	ITSD Coordinator; Planning