

Goals

Following are the overall General Plan goals that apply to the Bicycle Master Plan.

Goal 1

Enhance the quality of life for the citizens of Fresno and plan for the projected population within the moderately expanded Fresno urban boundary in a manner which will respect physical, environmental, fiscal, economic, and social issues.

Goal 3

Preserve and revitalize neighborhoods, the downtown, and historical resources.

Goal 6

Coordinate land uses and circulation systems to promote a viable and integrated multi-modal transportation network.

Goal 14

Protect and improve public health and safety.

E-13. Objective

Establish and maintain a continuous, **safe**, and easily accessible bikeways system throughout the metropolitan area that will facilitate bicycling as both a viable transportation alternative and a recreational activity that will **reduce vehicle use, improve air quality, improve the quality of life, and provide public health benefits.**

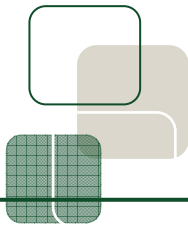
E-13-a. Policy: Bicycle System Expansion

Develop a complete bicycling system that is suitable for different types of bicyclists and that offers access to major destination areas.

Programs

E-13-a-1

Provide bikeways **connecting to and in proximity to** major traffic generators such as commercial centers, schools (**K-12, Junior Colleges, and Universities**), recreational areas/parks, **health service facilities**, and major public facilities **to meet daily needs.**



E-13-a-2

Wherever possible, provide linkages between bikeways, the city's multi-purpose trails, and other regional networks such as the San Joaquin River Trail and adjacent jurisdictions' bicycle systems.

E-13-a-3

Develop bikeways that are continuous and link to other bicycle facilities. Give priority to bikeway components that link existing separated sections of the system or that are likely to serve the highest concentration of existing or potential cyclists and destination areas with the highest demand (schools, shopping areas, recreational trail heads, and employment centers).

E-13-a-4

Develop a visually clear, simple, and consistent bicycle system with clearly defined areas, boundaries, and standard signs and markings as designated by the State of California Highway Design Manual and the California Manual on Uniform Traffic Control Devices.

E-13-a-5

Develop a network of multi-purpose trails along public easements, railways, utility easements, flood control basins, parks, and irrigation canals that accommodate a wide range of user ages and abilities.

E-13-a-6

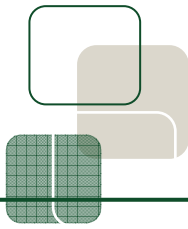
When possible, limit crossings of multi-purpose trails to major street intersections and no more than one driveway or local street every half mile. Properties adjacent to trails should work together and/or with assistance from the City through the Official Plan Lines (OPL)/Director Determinations/cross access easement to provide access and circulation to parcels adjacent to multi-purpose trails to reduce the number of trail crossings.

E-13-a-7

Require that bicycle detection be installed at all new traffic signals in Fresno. Promote the retrofitting of existing traffic signals to include bicycle detection and the retiming of signals to make them more bicycle-friendly.

E-13-a-8

Require that new or upgraded state freeways/highways and railroad construction projects accommodate bicycle facilities.



E-13-a-9

Encourage the construction of new bicycle and pedestrian overcrossings and underpasses of freeways and railroads be completed for the purpose of enhanced bicycle and pedestrian mobility through major barriers.

E-13-b. Policy: Planning Integration

Integrate the consideration of bicycle travel in planning and development activities.

Programs

E-13-b-1

Require major **traffic-generating** uses (major shopping centers, office complexes, **industrial parks, schools, public service facilities, et al.**) to design on-site parking (**indoor and/or outdoor**) and circulation areas to facilitate bicycle travel.

E-13-b-2

Promote the installation of bicycle locking racks and bicycle parking facilities at public buildings, transit facilities, public and private parking lots, and recreational facilities. Establish and adopt standards for the implementation of bicycle parking.

E-13-b-3

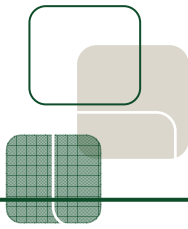
Install short- and long-term bicycle parking in the public right-of-way (**on-street bike parking**). **Establish and adopt standards for the implementation of bicycle parking within the public right-of-way.**

E-13-b-4

Establish and adopt standards for the implementation of showers and changing facilities for commuting cyclists at employment centers (**large office complexes/buildings, government centers/agencies, industrial business parks, and major employers**).

E-13-b-5

Require that development projects adjacent to a designated bikeway provide adequate right-of-way and construct necessary improvements to implement the planned bikeway system. Construction of new major streets or reconstruction of existing major streets shall also provide for the planned bikeways system to the extent feasible. Where inadequate right-of-way is available within established areas alternative bikeway alignments or routes shall be pursued consistent with



this plan. Streets shall be constructed as a “complete street” in accordance with the General Plan street type designation.

E-13-b-6

Provide not less than ten feet of street width (five feet for each travel direction) to implement bike lanes for designated bikeways along major streets (as provided by adopted City of Fresno Public Works Standards) except as determined in accordance with this Plan. **Strive for 14 feet for travel in each direction where right-of-way is achievable.** Provide adequate easements and improvements to implement separate bike paths where designated by an adopted community plan, specific plan, or other general plan element.

E-13-b-7

As part of the project review process, evaluate the project’s impacts on bicycle travel. Develop a bicycle and pedestrian accommodations checklist to be used when evaluating a project’s impacts.

E-13-b-8

Promote cooperation between the City of Fresno, the City of Clovis, Fresno County, the Fresno Irrigation District, **Fresno State, Fresno City College/Community Colleges, Private Universities FMFCD, Caltrans,** and other agencies when developing bicycling facilities. **Promote the public-private partnership between businesses, agencies, and government to adopt trails for maintenance, beautification, and naming purposes.**

E-13-b-9

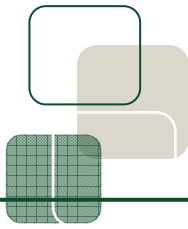
Ensure that bicycle facilities are not reduced or eliminated in construction zones and that roadway improvement projects provide reasonable and appropriate bicycle detours.

E-13-b-10

Develop an interdepartmental team of City staff whose focus is the implementation of the Five E’s: Education, Encouragement, Engineering, Enforcement, and Evaluation; this team may include, but is not limited to, representatives from the Parks Department, Fire Department, Police Department, Department of Public Works, and Planning Department. **Leadership of this interdepartmental team will be provided by the Public Works Department.**

E-13-c. Policy: Multimodal Integration

Promote the integration of bicycling with other forms of transportation, including public transit.



Programs

E-13-c-1

Facilitate the linkages between bikeways and other modes of transportation, including the Fresno Area Express (FAX) bus system's "Bike n' Bus" program, the Downtown Fresno Transit Mall, Manchester Transit Center, future transit stations, existing and future activity centers, Amtrak, Greyhound, and other transit providers. Provide bicycle and transit linkages with Fresno-area airports.

E-13-c-2

Continue to provide bike racks or space for bicycles on FAX buses or other transit vehicles (BRT/LRT). Encourage the implementation of bike racks that accommodate three bicycles on FAX buses or the ability to bring bicycles on the buses (if doorway access is designed to accommodate bicycles and the bus has space available).

E-13-c-3

Coordinate with FAX to promote and provide secure bicycle racks and long term bicycle lockers at bus stops and transit stations. Coordinate with FAX to promote bicycle facilities by providing maps and bicycle educational material on buses.

E-13-c-4

Coordinate with FAX during the design of new facilities to ensure that bicycle access is provided to new transit facilities and on new transit vehicles.

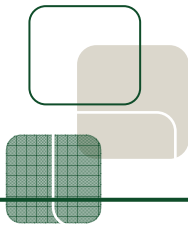
E-13-d. Policy: Funding

Develop and fund a bicycle program at the City inclusive of staff and budget to implement improvements.

Programs

E-13-d-1

Update the Bicycle, Pedestrian, and Trails Master Plan periodically as required by Caltrans to reflect new policies and/or requirements for funding.



E-13-d-2

Actively seek sources of funding for bicycle facilities, safety programs, education programs, promotion programs, and other implementation measures of the Bicycle, Pedestrian, and Trails Master Plan. **Actively seek public and private partnerships for bicycle facilities, safety programs, education programs, and promotion programs.**

E-13-d-3

Include a bicycle improvements section in the City's Capital Improvements Program **and City's budget to clearly identify funding available for bicycle-related projects and activities.**

E-13-e. Policy: Maintenance

Routinely maintain bicycle facilities so they provide usable, safe, and comfortable conditions for bicyclists.

Programs

E-13-e-1

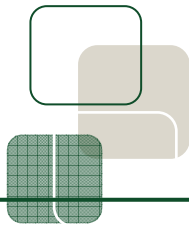
Coordinate with the Department of Public Utilities to provide regular sweeping and other necessary maintenance to clear bikeways of dirt, glass, gravel, and other debris. Perform other necessary upkeep such as stripe or marking painting, pavement surface reparation, tree trimming, and other upkeep required to maintain the integrity of the bicycling network.

E-13-e-2

Initiate a program to install **bicycle friendly drainage grates with new construction or retrofit projects. Develop a standard to identify a bicycle-friendly drainage grate.**

E-13-e-3

Provide adequate route lighting **along multi-purpose trails and bike lanes.**



E-14. Objective

Encourage increased bicycle **ridership** by providing secure bicycle facilities, promoting traffic safety awareness for both bicyclists and motorists, **promoting the air quality benefits, promoting the fossil fuel savings, and promoting the public health benefits of physical activity.**

E-14-a. Policy: Safety, Health & Education

Improve bicycling safety and reduce bicycle-related collisions, establish educational opportunities aimed at all levels of bicyclists, and promote safer driving behaviors among motorists. **Promote non-motorized travel that will reduce vehicle use and fuel consumption, improve air quality, and provide public health benefits.**

Programs

E-14-a-1

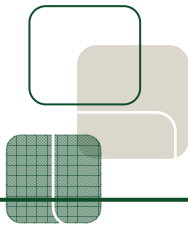
Cooperate with other public agencies (school districts, County of Fresno, San Joaquin Valley Air Pollution Control District, Regional Transportation Planning Agency, et al.) to fund and develop an expanded program of education on the “rules of the road” and rights for cyclists and motorists, both through mass media and through school and private efforts. **Encourage the cooperative partnerships with private businesses and individuals to support the use of bicycles and educate the public on safety tips to enhance the bicycle-friendly community experience in Fresno.**

E-14-a-2

Promote and pursue funding for cycling safety and educational opportunities targeted to youth cyclists, adult cyclists, and motorists. **Coordinate with and support private and charitable organizations that promote education and safety goals desired in this Plan.**

E-14-a-3

Regularly monitor collisions involving cyclists to identify intersections or locations requiring modifications and to ensure a decline in the number and severity of bicycle collisions. **Develop education material that can be used in the K-12 school system for assemblies and classroom learning to proactively reduce collisions. The City of Fresno should encourage the local school districts to also utilize this material after an accident does occur to take advantage of the learning opportunity of how the accident could have been avoided. These materials should be provided on the City of Fresno Web site.**



E-14-a-4

Provide bicycle education to City staff involved in decisions regarding transportation facilities. This may include traffic engineers, planners, field engineers, field inspectors, **police officers**, street maintenance personnel, and parks and recreation staff.

E-14-a-5

Promote the health benefits of bicycling **that will have a positive impact and improve chronic health conditions such as obesity, diabetes, high blood pressure, stroke, and heart disease.**

E-14-a-6

Provide bicycle education for law enforcement personnel **so that bicycle laws can be enforced consistently to promote bicycle safety and reduce conflicts between motorists and cyclists.**

E-14-a-7

Develop a bicycle safety curriculum for use in K-6 schools.

E-14-a-8

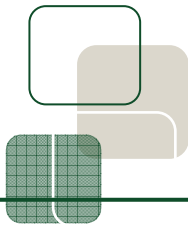
Develop a public/private partnership campaign and volunteer program for annual “Bike Rodeos” to educate K-6 students on bicycle safety.

E-14-a-9

Develop and maintain a database to identify and quantify existing and potential bicycle riders so that education material, activities, and events can be promoted to enhance the City of Fresno as a bicycle-friendly community. Create a one-stop page on the City of Fresno Web site for existing and potential cyclists to learn about new trails, bike lanes, projects, budgets, events, activities, clubs, and committees.

E-14-b. *Policy: Community Outreach*

Develop communication programs that integrate the community, enhance bicycling as a part of daily life, and promote bicycling as a legitimate form of transportation.



Programs

E-14-b-1

Continue to monitor and evaluate the effectiveness of bikeway facilities and implement measures as appropriate to enhance usage, safety, and efficiency.

E-14-b-2

Develop and maintain a Web site that publicizes an up-to-date bikeway map and other information such as safety tips, commuting advice, **bicycle events, bicycle organizations**, and the health benefits of bicycling.

E-14-b-3

Promote a public awareness campaign to increase public recognition and to educate the general public about the rights and responsibilities of bicyclists and motorists.

E-14-b-4

Work with the local healthcare community to develop a fuller understanding of bicycle-related collisions in Fresno and to promote the health benefits of bicycling **that will reduce vehicle use, improve air quality, and provide health benefits.**

E-14-b-5

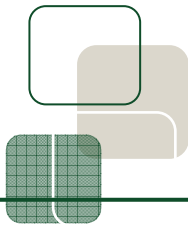
Coordinate with local school districts to develop a **bike-to-school and bicycle safety program. Encourage the school districts to incorporate bicycle safety education as part of their curriculum. Encourage the school districts to promote students bicycling to school by providing incentives, fun competitions, and bicycle events.**

E-14-b-6

Promote and increase coverage of local bicycle sporting events as a means of publicizing the health and lifestyle benefits of cycling. **The City shall establish a point contact for organizers of bicycle events to facilitate cooperation of the various City departments, scheduling, and permit processing.**

E-14-b-7

Promote and partner with City of Fresno PARCs Department bicycle events, attractions, and venues that further the development of the City of Fresno as the “Action Sports Capital.”



E-14-c. *Policy: Mode Split*

Increase bicycle transportation such that 5 percent of all trips are made by bicycle by the year 2020.

Programs

E-14-c-1

Promote bicycling as an alternate form of transportation.

E-14-c-2

Support Transportation Demand Management programs at worksites to encourage commuters to bicycle to work.

E-14-c-3

Promote bicycling as an equal or priority mode of transportation in Downtown Fresno, Tower District, Activity Centers, and future planning documents.

E-14-c-4

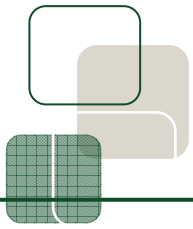
Encourage school districts to promote bicycling to their students in an effort to reduce congestion around schools and improve students' health through physical fitness.

E-14-c-5

Require that environmental assessments within the City of Fresno analyze and evaluate bicycle accessibility, connectivity, and mobility as part of the transportation section.

E-14-d. *Policy: Recognition*

Fulfill the requirements necessary to be a Bicycle Friendly Community as determined by the League of American Bicyclists.



Programs

E-14-d-1

Carry out the policies and implementation measures of the Fresno Bicycle, Pedestrian, and Trails Master Plan.

E-14-d-2

Apply to the League of American Bicyclists for recognition as a Bicycle Friendly Community.

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