



NAVIGATING THIS PLAN

- 1) **Introduction and Planning Process** - describes the plan's purpose, contents, issues, and planning process.
- 2) **Vision, Goals, Objectives and Outcomes** - describes the plan's big ideas, key goals, and objectives.
- 3) **Policy and Programmatic Recommendations** - organized by audience, this section contains specific recommendations to educate and create awareness with respect to bicycle safety.
- 4) **Bicycle Facility Recommendations** - this section describes innovative facilities and how they relate to bicycle safety, for example, bike boxes, shared lane markings, and bicycle boulevards.
- 5) **Site Specific Recommendations for High Crash Areas** - provides an analysis of high crash areas in Fort Collins, and determines types of crashes and trends.
- 6) **Plan Evaluation & Performance Management** - includes a number of performance measures for bicycles and education efforts. In an effort to be consistent with the *Transportation Master Plan*, this plan incorporates these performance measures
- 7) **Implementation Action Plan** - action items are organized by audience, responsibility, cost and funding source, and anticipated outcomes. The actions are important to realizing the *Bicycle Safety and Education Plan* (BSEP) vision and should be implemented as soon as time and funding resources are available.
- 8) **Appendices** - includes Existing Conditions Report; 2007-2009 Fort Collins Bicycle Crash Report; Bicycle and Pedestrian Education Coalition partnership framework; Bike Co-op Master Cyclist Program; and Colorado State University Bike Conflict Zones Map.

CONTACT US

Dave "DK" Kemp
Bicycle Coordinator
970-416-2411
dakemp@fcgov.com

Matt Wempe
Transportation Planner and
Safe Routes to School Coordinator
970-416-2040
mwempe@fcgov.com

fcgov.com/bicycling
fcgov.com/saferoutes
fcgov.com/transportationplanning

PLAN VISION

Short term: Through the adoption and implementation of the *Bicycle Safety Education Plan* (BSEP), reported bike crashes will decrease. Compared to 2009 baseline data, bike crashes will decrease by 25% in 2012, and by 50% in 2013.

Long term: Vision Zero will reduce city-wide bicycle deaths and serious injuries to zero. Vision Zero is based on the refusal to accept that human death or lifelong suffering from injury is an acceptable result of road traffic. To achieve this vision, our transportation systems must be designed with the understanding that people make mistakes and traffic crashes cannot be avoided completely. Roads should be designed so when crashes do occur, they do not result in serious injury or death. Under Vision Zero, safety is prioritized over all other objectives of the transportation system. The BSEP will serve as a step toward enacting Vision Zero within the Fort Collins community.

GOALS

Instill bicycle safety education and awareness within the Fort Collins community through the implementation of programmatic and infrastructure recommendations geared toward bicyclists of all levels and abilities, pedestrians, and motorists.



- Identify multiple ways of involving children in bicycle safety education and skill-based learning experiences at all grade levels. Evaluate the suitability of existing programs and work with appropriate partners to develop strategies for implementing a more comprehensive Safe Routes to School program.
- Provide specialized educational campaigns and informational materials that target all audiences
- Provide special emphasis in all education programs that utilize the League of American Bicyclists' Smart Cycling curriculum.
- Identify and provide recommendations regarding the installation of innovative traffic control devices and infrastructure recommendations to increase the safety of bicyclists.
- Analyze bike crash data at high bike crash intersections to determine the types of bike crashes and why they are occurring, and how to address via education and physical improvements.
- Identify and provide recommendations regarding evaluation and monitoring techniques.



2011 Bicycle Safety Education Plan SUMMARY

ABOUT THIS PLAN

Fort Collins is one of the most bike-friendly communities in the United States. With increasing bicycle ridership comes the challenge of ensuring cyclists are safe both on-road and off-road. In March 2010, City Council directed staff to prepare a *Bicycle Safety Education Plan* (BSEP), including the concepts of a "Master Cyclist" program and a bicycle safety town.

The goal is to create a comprehensive plan that reflects the safety needs of the community and provides programs and infrastructure implementation strategies to improve overall safety. The BSEP is a component of the *2008 Bicycle Plan* and the *Transportation Master Plan*. This plan expands upon existing bicycle safety programs, policies and infrastructure.

The *Bicycle Safety Education Plan* is dedicated to those cyclists who have suffered or died as a result of bicycle crashes. This plan will act as a guide and an inspiration to significantly reduce the number of bicycle crashes in Fort Collins.

PLAN PURPOSE

The *Bicycle Safety Education Plan* (BSEP) focuses on bicyclist interactions with bicyclists, pedestrians, and all types of motor vehicles, including fleet and delivery vehicles, buses, trucks, and cars. The BSEP is considered an additional element of the City's 2008 *Bicycle Plan*, *Transportation Master Plan*, building upon existing policies and program goals. The BSEP is intended to identify programmatic action steps to address the bicycle safety and educational needs of the following audiences:

- Youth bicyclists
- Adult bicyclists
 - College students
 - Families
 - Bicycle commuters
 - Senior citizens
- Motorists
 - Fleet vehicle drivers
 - Buses/transit
 - Driver education instructors
 - Everyday motorists
- Law enforcement officials



CORE RECOMMENDATIONS

Here are the *Bicycle Safety Education Plan's* most important or core recommendations. Additional recommendations are in the implementation action plan, Chapter 7. Please note, the letters preceding the action items refer to the corresponding recommendation in the plan.



Youth Bicyclists

Action Item	Description	Responsibility	Cost and Funding Source(s)	Outcome(s)
D. Identify and Train at Least One Bicycle Educator in Each School	Ensure every school in Fort Collins has at least one graduate of the train the trainers program to provide bicycle safety education classes.	Transportation Planning staff, Bicycle Pedestrian Education Coalition (BPEC), Bike Co-op, Poudre School District	Cost: \$10,000 Safe Routes to School, Grant(s), BPEC	Target Bicycle Safety Education (Kids); Create Long-Term Program Sustainability
A. Teach Bicycle Safety to at Least 11,000 Students Annually within Fort Collins' Schools	Coordinate the Safe Routes to School program K-8 to schools, with a target of at least 11,000 students in Fort Collins annually.	Transportation Planning staff, BPEC, Poudre School District	Cost: \$23,000 Keep Fort Collins Great (KFCG), Safe Routes to School, Grant(s)	Target Bicycle Safety Education
F. Bicycle Safety Town (Planning and Design)	Identify location, design, and build a bicycle safety town for children and families to learn the basics of bicycling and road safety.	Transportation Planning and Parks Planning staff	Cost: \$15,000 KFCG (2011 includes planning and design) 2012 costs TBD	Safe Bicycle Facilities and Infrastructure Improvements
G. Hire a Full-Time City/Poudre School District (PSD) Safe Routes to School Coordinator	Provide a full-time City/PSD staff position dedicated to coordinating safe bicycle and walking infrastructure and programmatic improvements within Poudre School District and Fort Collins. Encourage a City/PSD partnership.	City of Fort Collins and Poudre School District	Cost: TBD TBD	Create Long-Term Program Sustainability; Increase Collaboration and Knowledge Sharing; Expand Safe Cycling Outreach Methods; Safe Bicycle Facilities and Infrastructure Improvements

College Students

Action Item	Description	Responsibility	Cost and Funding Source(s)	Outcome(s)
A. College-Age Bicycle Education Outreach	Assist CSU Campus Bicycle Advisory Committee with implementation of bicycle safety and awareness programs focused on new and returning students, faculty, and staff. (2011)	City staff and Campus Bicycle Advisory Committee	Cost: \$7,500 Staff time and materials KFCG	Target Bicycle Safety Education (Colorado State University)

Bicycle Commuters

Action Item	Description	Responsibility	Cost and Funding Source(s)	Outcome(s)
D. Bicycle Commuter Education Outreach	Through BPEC, continue development and implementation of an educational campaign aimed at adult commuter bicyclists. This includes research and development of educational materials and training, coordination with other City departments, bike shops, local businesses, media representatives, and bike organizations (2011)	FC Bikes and BPEC	Cost: \$7,500 Staff time and materials KFCG (2012)	Target Bicycle Safety Education to Commuters Through Local Businesses

Motorists

Action Item	Description	Responsibility	Cost and Funding Source(s)	Outcome(s)
A. Motorist Road Safety Education Outreach	Awareness campaign focused on motorists to raise awareness of bicyclists. Road safety education classes for diverse types of motorists.	Transportation Planning and PDT Communications staff	Cost: \$7,500 Staff time and materials KFCG	Target Bicycle Safety Education (Motorists); Expand Safe Cycling Outreach Methods

General Recommendations

Action Item	Description	Responsibility	Cost and Funding Source(s)	Outcome(s)
A. Share the Road Collaborative Implementation	Assist in implementation of the traffic safety recommendations developed by the Colorado Department of Transportation (CDOT) Share the Road Collaborative (available April 2011).	City of Fort Collins and CDOT	Cost: TBD TDD	Improve Awareness and Safety Between All Modes
G. Adopt League of American Bicyclists Bicycle Education Principles	Adopt League of American Bicyclists (LAB) Smart Cycling principles as the basis for all bicycle education efforts in Fort Collins. Encourage City staff and partners to become certified as League Cycling Instructors to grow the number of trainers in the community.	City of Fort Collins and Bicycle Pedestrian Education Coalition	Cost: Staff time Transportation Planning	Target Bicycle Safety Education
H. Neighborhood Bicycle Ambassador Program	Implement City's program to recruit residents to act as cycling ambassadors to teach neighbors about bicycle safety, provide bicycle maps and safety literature, basic bike maintenance, helmets, and lights.	FC Bikes	Cost: Staff time FC Bikes	Expand Safe Cycling Outreach Methods; Target Bicycle Safety Education
I. Develop and Implement Master Cyclist Program	Support the Bike Co-op's efforts to develop a Master Cyclist program for the Fort Collins community.	Bike Co-op, FC Bikes, and Safe Routes to School	Cost: TBD TBD	Target Bicycle Safety Education; Expand Safe Cycling Outreach Methods; Increase Collaboration and Knowledge Sharing

Law Enforcement Officials

Action Item	Description	Responsibility	Cost and Funding Source(s)	Outcome(s)
A. Law Enforcement Bicycle Training Opportunities	Assist Fort Collins Police Services in providing bicycle training opportunities to enable officers to be current with changes to bicycle laws and understand behaviors, rights, and other aspects of cycling.	FC Bikes and Fort Collins Police Services staff	Cost: \$5,000 Staff time and materials KFCG	Increase Collaboration and Knowledge Sharing

Infrastructure Improvements

Action Item	Description	Responsibility	Cost and Funding Source(s)	Outcome(s)
A. Innovative Intersection Safety Improvements: Installation & Education Materials	Provides cost for installation materials and safety and educational information for new types of physical safety improvements for cyclists and motorists.	Planning, Development and Transportation staff	Cost: \$20,000 KFCG	Safe Bicycle Facilities and Infrastructure Improvements; Expand Safe Cycling Outreach Methods