



Appendix A Glossary of Terms

Glossary of Terms

For this study, it is important to understand the definition or use of the term 'bikeway'. According to Caltrans, 'bikeway' means all facilities that provide primarily for bicycle travel. Therefore, bikeway facilities could include bike paths, bike lanes, bike routes and even support facilities such as parking racks and lockers. Other terms used in this report are presented below.

AASHTO - American Association of State Highway and Transportation Officials



ADA - Americans with Disabilities Act

ADT - Average Daily Traffic

BAC - Bicycle Advisory Committee

Bicycle Boulevard - Streets designed to limit or prohibit motor vehicle traffic, using barriers or other design elements, in order to enhance bicycle safety and enjoyment.

Bicycle Facilities - A general term for improvements and provisions made by public agencies to accommodate or encourage bicycling, including bike racks and lockers, bikeways, and showers at employment destinations.



Bike Lane - A striped lane for one-way bike travel on a street or highway.

Bike Path - A right of way separate from a street or highway for bicycle travel, typically along rail, water, or utility corridors.

Bike Route - A travelway for bicycles through a community, providing a superior route based on traffic volumes and speeds, street width, directness, and cross-street priority, denoted by signs only.

Bikeway - All facilities developed primarily for use by bicycles.

Class I Bikeway or Multi-Use Path - See Bike Path.

Class II - See Bike Lane.

Class III - See Bike Route.

Clearance, Lateral - Width required for safe passage of a bicycle and emergency and maintenance vehicles as measured on a horizontal plane.

Congestion Management Program - A state-mandated program that requires the monitoring and mitigation of increased congestion on regional highway routes and transit systems.

CMAQ - Congestion Management and Air Quality (TEA-21 funding program)

CMP - See Congestion Management Program.

FHWA - Federal Highway Administration

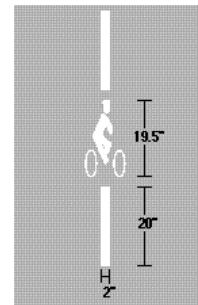


Geometry - The vertical and horizontal characteristics of a transportation facility, typically defined in terms of gradient, degrees, super elevation, and travel speed.

Grade Separation - Vertical isolation of travelways through use of a bridge or tunnel so that traffic conflicts are minimized.

Loop Detector - A device placed under the pavement at intersections, which can detect a vehicle or bicycle and trigger an actuated or semi-actuated signal to turn green.

Mode Split - Percentage of trips that use a specific form of transportation. A one percent bicycle mode split indicates that one percent of trips are made by bicycle.



MUTCD - Manual of Uniform Traffic Control Devices

Nox – Nitrogen Oxides

NPTS - National Personal Transportation Survey

PM10 - Particulate Matter

PMS - Pavement Management System

Reversion - Process by which bicycle facilities are removed or converted to non-bicycle use (travel or parking lanes) in the future.

Right-of-Way - The right of one vehicle or pedestrian to proceed in a lawful manner in preference to another vehicle or pedestrian. Also, the strip of land over which a transportation facility is built.

ROG – Reactive Organic Gasses

SAFETEA-LU – Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users. – promotes more efficient and effective Federal surface transportation program by focusing on transportation issues of national significance.

Shared Roadway - A type of bikeway (typically a bike route or bike boulevard) where bicyclists and motor vehicles share the same roadway with no striped bike lane.

Sight Distance - A measurement of the cyclist’s visibility, unobstructed by traffic or other barriers, along the normal path to the farthest point of the roadway.

SJAPCD – San Joaquin Valley Air Pollution Control District

STP - Surface Transportation Program (ISTEA funding program)

SWITRS - Statewide Integrated Traffic Records System kept by the California Highway Patrol

TAC - Technical Advisory Committee

TCM - Transportation Control Measure

TDA - Transportation Development Act

TDM - See Transportation Demand Management

TEA - Transportation Enhancement Activities

TEA-21 - Transportation Equity Act for the 21st Century

TMA - Transportation Management Agency

Traffic Control Devices - Signs, signals, or other fixtures, whether permanent or temporary, placed on or adjacent to a travelway by authority of a public body having jurisdiction to regulate, warn, or guide traffic.



Traffic Volume - The number of vehicles that pass a specific point for a specific amount of time (hour, day, year).

Transportation Demand Measures (TDM) - Generally refers to policies, programs, and actions that are directed towards increasing the use of high occupancy vehicles (Transit, carpooling, and vanpooling) and the use of bicycling and walking with the express purpose of reducing or limiting vehicle cold starts and miles traveled for congestion and air quality purposes.

VMT - Vehicle Miles Traveled.

VT - Vehicle Trip.



Appendix B
2010 Tulare County Bicycle Usage Survey
and Results

2010 Tulare County Bicycle Survey

1. 2010 Tulare County Bicycle Survey

Tulare County Association of Governments is updating the 2010 Regional Bicycle Transportation Plan. We want to know how you are riding your bicycle in Tulare County. Please take this brief survey to let us know what improvements we can make to bicycle facilities to help you have a more enjoyable ride.

2. 2010 Tulare County Bicycle Survey (Page 1 of 6)

1. Tell us a little about yourself. I am:

- Male
 Female

2. I am this many years old:

- 18 years or younger
 19-30 years
 31-45 years
 46-60 years
 61 years or older

3. I live in _____. (please state the City or Community in which you reside)

3. 2010 Tulare County Bicycle Survey (page 2 of 6)

4. Do you ride a bicycle? (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> On vacation | <input type="checkbox"/> For commuting |
| <input type="checkbox"/> On the job | <input type="checkbox"/> Recreationally |
| <input type="checkbox"/> On the weekdays | <input type="checkbox"/> Never |
| <input type="checkbox"/> On the weekends | |

Other (please specify)

Visit www.surveymonkey.com/s/IRideTulareCounty if you prefer to take this survey electronically

2010 Tulare County Bicycle Survey

5. Do you ever use a bicycle as transportation to any of the following destinations in your community? (Check all that apply).

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Schools | <input type="checkbox"/> Recreational facilities |
| <input type="checkbox"/> Stores | <input type="checkbox"/> Work Commuting |
| <input type="checkbox"/> Errands | <input type="checkbox"/> Socializing |
| <input type="checkbox"/> Neighborhood | <input type="checkbox"/> Community facilities (ie: church, community gatherings) |

Other (please specify)

6. What type of bike do you most often use?

- | | |
|-------------------------------------|---|
| <input type="radio"/> Road bike | <input type="radio"/> ViCycle |
| <input type="radio"/> Hybrid bike | <input type="radio"/> An old Junker |
| <input type="radio"/> Folding bike | <input type="radio"/> Three wheeler |
| <input type="radio"/> Mountain bike | <input type="radio"/> Motorized bicycle |
| <input type="radio"/> Beach cruiser | |

Other (please specify)

7. What attitudes do you encounter regarding your bicycle?

	Supportive	Negative	Safety Concerns	Mixed Reaction	No Reaction
Family	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Friends	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drivers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Employers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Co-Workers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. 2010 Tulare County Bicycle Survey (page 3 of 6)

2010 Tulare County Bicycle Survey

8. How many miles do you typically ride per week?

Good weather week in the Spring

Bad weather week in the Spring

Good weather week in the Summer

Bad weather week in the Summer

Good weather week in the Fall

Bad weather week in the Fall

Good weather week in the Winter

Bad weather week in the Winter

9. Why do you use your bicycle for trips? (check all that apply)

It is the best part of my day

It is great exercise and keeps me in shape

I enjoy being outdoors

Bicycling reduces my stress

It is the easiest/quickest way for me to travel

I can stop and chat when I see people I know

It saves me money

I don't have a car

I don't have good public transit options

It is very green and I am doing my bit for the planet

I use my bike to get to my local bus stop/transit station

I can do something fun with family and friends

I want to be a leader in my family and community

I look great bicycling

Other (please specify)

2010 Tulare County Bicycle Survey

10. Please rank how the following influence why you do NOT ride.

	Great Influence	Minor Influence	does not influence my decision
Being chased by dogs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bad or inconsiderate drivers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
poor road conditions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
lack of bike lanes/facilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
lack of adequate bicycle racks/storage at my destination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
weather	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
street lighting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
traffic signals aren't sensitive to bicycles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other influence (please specify)	<input type="text"/>		

5. 2010 Tulare County Bicycle Survey (page 4 of 6)

11. Do you engage in the following? (check all that apply)

- Check routes in advance on a map or website
- Try to ride on streets with low traffic speeds and volumes
- Try to only ride on routes with marked bikeways
- Check the weather and then decide whether you will cycle
- Deliberately wear bright/reflective clothing
- Never ride alone
- Never ride in the dark
- Wear special clothing and change at destination
- Use hand signals
- Lock my bicycle at my destination
- Store my bicycle indoors at my destination

2010 Tulare County Bicycle Survey

12. How do the following factors influence your transportation/commuting bike rides?

	Strongly Influence	Lightly influence	Does not influence my decision
Sidewalks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Striped bike lanes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Paved off-road bike paths/trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unpaved off-road bike paths/trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Streets with signs marked "bikeroute/share the road"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roads with low volumes & low speeds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roads with the most direct route to my destination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. How do the following factors influence your recreational bike rides?

	Strongly Influence	Lightly influence	Does not influence my decision
Sidewalks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Striped bike lanes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Paved off-road bike paths/trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unpaved off-road bike paths/trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Streets with signs marked "bikeroute/Share the Road"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roads with low volumes & low speeds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roads with the most direct route to my destination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. 2010 Tulare County Bicycle Survey (page 5 of 6)

14. Do you wear a helmet when you ride?

- Always
- Sometimes
- Never

2010 Tulare County Bicycle Survey

15. Has your bike ever been stolen?

Yes

No

16. Have other family members ever bicycled for transportation? (check all that apply)

Spouse/partner

Mother

Father

Siblings

Grandparents

Children

Friends

Room Mates

Please return your completed Survey by June 18, 2010 to:


Tulare County Association of Governments

Attn: Christine Chavez

5955 S. Mooney Blvd,

Visalia, CA 93277

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Appendix C
Bicycle Advisory Committee Membership and
Agendas for the 2010
Regional Bicycle Transportation Plan

Bicycle Advisory Committee Meeting Agenda



**Wednesday, March 24
3:00 – 4:00 p.m.**

RMA Planning Commission Room
5961 S. Mooney Blvd
Visalia, CA 93277

1. Introductions
2. Contact sheet corrections & additions
3. Regional Transportation Plan Update
4. 2010 Regional Bicycle Transportation Plan Update
 - a. What would you like to see in the 2010 Bike Plan?
 - b. Policies
 - c. Goals
 - d. Funding sources
 - e. Projects
5. Timeline for update.
6. Set time and date for next meeting
7. Adjourn

Bicycle Advisory Committee Meeting Agenda



**Wednesday, May 12, 2010
1:30 – 3:00 p.m.**

RMA Planning Commission Room
5961 S. Mooney Blvd
Visalia, CA 93277

1. Introductions
2. Contact sheet corrections & additions
3. Draft Regional Transportation Plan
4. 2010 Regional Bicycle Transportation Plan Update
 - a. Bicycle Survey
 - b. Policies
 - c. Goals
 - d. Funding sources
 - e. Projects
 - f. Updated timeline for Plan update
5. Santa Fe Trail Connection
6. Other Items
 - Caltrans Grants
 - Amgen Tour
7. Adjourn

The next Bicycle Advisory Committee meeting will meet on June 17 at 11:00 AM _____?

Bicycle Advisory Committee Meeting Agenda



Thursday, June 17, 2010
11:00 – 12:00 p.m.

City of Tulare, City Hall Training Room
411 E. Kern Avenue, Tulare, CA 93274

1. Introductions
2. Bicycle Survey Results
3. 2010 Regional Bicycle Transportation Plan Update
 - a. Policies
 - b. Goals
 - c. Funding sources
 - d. Projects – draft maps and SWITRS
 - e. BTP update schedule
4. Other Items
5. Adjorn

The next Bicycle Advisory Committee meeting will meet on July 15 at 11:00 AM in the RMA Conference Room E – upstairs near engineering.

Bicycle Advisory Committee Member List

Name	Group		Phone	Email
Ted Macaulay	Mayor, City of Exeter	137 North F Street	592-9244	tmacaulay@nseinsurance.com
*Felix Ortiz	City of Exeter Public Works Director City of Exeter	Exeter, CA 93221	592-9411 592-3318	felixexe@aol.com
	Porterville Blue Skys Committee	Porterville, CA		Info@BlueSkiesCoalition.Org
Michael Carr	City of Visalia	707 W. Acequia	713-4209	mcarr@ci.visalia.ca.us
*Paul Shepard	Administrative Analyst City of Visalia	336 N. Ben Maddox Visalia, CA 93291	719-4209	pshepard@ci.visalia.ca.us
Vicki Stasch	Citizen Visalia Waterways Committee	1126 Mountain St. Visalia, CA 93291	733-0634 288-5044	vickistasch@comcast.net
*Laurel Barton	Management Analyst City of Tulare	830 S. Blackstone St. Tulare, CA 93274	684-4317	LBarton@ci.tulare.ca.us
Mike Miller	Senior Civil Engineer City of Tulare	411 E. Kern Ave. Tulare, CA 93274	684-4223	mmiller@ci.tulare.ca.us
John Shuman	Citizen	Porterville	679-1315	shudog001@yahoo.com
Stephanie Moen	Tulare County Asthma Coalition Tulare District Healthcare	869 Cherry St. Tulare, CA 93274	685-3494	smoen@tdhs.org
*Shirley Wallace	Resource Management Agency Tulare County	5961 S. Mooney Blvd. Visalia, CA 93277	624-7177	SWallace@co.tulare.ca.us
Blanca Beltran	Public Works Director City of Dinuba	405 E. El Monte Way Dinuba, CA 93618	591-5944	bbeltran@dinuba.ca.gov
*Trisha Whitfield	Assistant Public Works Director City of Dinuba		591-5924	twhitfield@dinuba.ca.gov
*Bill Ziegler	City Planner City of Lindsay	251 Honolulu St. Lindsay, CA 93247	562-4750 or 5945	wzigler@lindsay.ca.us
Mike Camarena	City of Lindsay		562-5945	mcamarena@lindsay.ca.us
*Baldo Rodriguez	Public Works Director City of Porterville	291 N. Main St. Porterville, CA 93257	782-7520	brodriguez@ci.porterville.ca.us
Mike Reed	City of Porterville		782-7539	mreed@ci.porterville.ca.us
*Cruz Dominguez	City of Woodlake	350 N. Valencia Blvd. Woodlake, CA 93286	564-2317	cdominguez@ci.woodlake.ca.us
Dolores J. Weber	Citizen	P.O. Box 337 Woodlake, CA 93286	564-3446	
*Rene Miller David Jacobs	City Manager; City of Farmersville Consultant	909 W. Visalia Rd. Farmersville, CA 93223	747-0458 733-0440	cparene@sbcglobal.net DavidJ@quadknopf.com
Dale Simmons	Citizen Visalia resident	1501 S. Mountain St. Visalia, CA 93291	732-2009	hdees4321@sbcglobal.net
Ted Smalley	Deputy Executive Director - TCAG	5955 S. Mooney Blvd,	733-6653 x4885	TSmalley@co.tulare.ca.us
*Christine Chavez	Regional Planner	Visalia, CA 93277	733-6653 x4894	CHChavez@co.tulare.ca.us
Butch McCallister Sue McCallister	Citizen	15125 Ave 312 Visalia, CA 93292	798-0076	
Lisa M. Wallis Meredith Inglehart	Quad Knopf	5110 W. Cypress Avenue Visalia, CA 93278		lisaw@quadknopf.com meridethi@quadknopf.com

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Appendix D Regional Bicycle Project list

Tulare County Association of Governments Bicycle Transportation Plan
Regional Projects

Jurisdiction	Project Name	From	To	Approx. Length (mi) or Units	Facility Type	Estimated Costs	Priority	Funding Source
County Dinuba Orosi	Avenue 416	Road 88	S.R. 63	5	Class II	\$56,000 - \$75,000	Short Term	BTA funds FY 08/09
County Dinuba Orosi		Road 64	Road 88	3.5	Class II	\$70,000 - \$87,000	Short Term	
County Dinuba Orosi		Fresno County Line	Road 64	4	Class II	\$275,000 - \$375,000	Long Term	

County Visalia County	Santa Fe Trail	Avenue 272	Prosperity Avenue	5.25	Class I	\$1,200,000 - \$1,500,000	Short Term	Measure R Funds, TE
County Visalia		Tulare Ave	Avenue 272	2.5	Class I	\$627,000	Short Term	
County Tulare		Tulare City Limits		as needed	lights	\$2,000,000	Medium Term	
County Tulare		Tulare City Limits		as needed	trail head	\$2,000,000	Medium Term	
County Tulare		Tulare City Limits		as needed	Bike Arterial Crossings	\$1,000,000	Medium Term	

County Visalia Farmersville Exeter	Caldwell Ave (Ave 280)	Kings County Line	Road 108	8	Class II	\$530,000 - \$690,000	Long Term	
County Visalia Farmersville Exeter		Road 108	S.R. 65	11	Class II	\$729,000 - \$950,000	Short - Medium Term	Measure R Funds

County Visalia	Road 80 (Alta)(Plaza)	State Route 198	Avenue 312 (Riggin Ave)	2.1	Class II	\$125,000-\$175,000	Long Term	
County Dinuba		Avenue 312 (Riggin Ave)	City of Dinuba, Ave 408	12	Class II	\$1,000,000 - \$1,300,000	Long Term	
County Dinuba		South of Avenue 406	Nebraska	2.25	Class II	\$56,250	Medium Term	

County wide	Sign all Class II Bikeways	As needed	600 signs	Class II	\$120,000 - \$160,000	Short-Long Term	
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County wide	Countywide Bicycle Parking	As needed	200 lockers/racks	Class I & II	\$200,000 - \$260,000	Short-Long Term	
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Regional Projects (continued)

Jurisdiction	Project Name	From	To	Approx. Length (mi) or Units	Facility Type	Estimated Costs	Priority	Funding Source
County wide	Waterways Feasibility Analysis	As needed			Class I	\$65,000 - \$85,000	Short-Medium Term	Measure R

Visalia	Demaree	Avenue 276	Whitendale	1	Class II	\$25,000	Short term	
County Tulare Visalia	Road 108	Avenue 240	Avenue 276	5	Class II	\$338,000 - \$440,000	Short term	Measure R
Tulare	Blackstone	Kern Ave.	Tulare Ave.	0.15	Class II	\$2,250	Medium Term	

County Porterville Lindsay	Diagonal 242	Avenue 156	Avenue 224	8.5	Class II	\$560,000 - \$700,000	Short Term	
County Lindsay Exeter	Avenue 224	Diagonal 242	Road 188	3.75	Class II	\$300,000 - \$390,000	Medium Term	
	Road 188	Avenue 224	Avenue 280	4.5	Class II	\$310,000 - \$400,000	Medium Term	

Visalia	Saint Johns River Bike Path	Riggin	Dinuba Blvd	1.2	Class I	\$1,345,000	Short term	Measure R Funds
Visalia		McAuliff	Rd 148	0.4	Class I, trees	\$305,000	Short term	Green Tree Grant (\$100,000)
Visalia/Tulare County		Rd 148	Cutler Park	4.5 acres	ROW acquisition, Class I	\$935,000	Short term	TE, Measure R Funds
Visalia		West of Dinuba Blvd		as available	ROW acquisition	\$500,000	Short term	Measure R Funds
County Visalia Woodlake		Road 144	Lake Kaweah	18	ROW acquisition, Class I	\$1,400,000 - \$1,800,000	Medium term	
Visalia	State Route 63 (Court St.), (Locust)	Cameron Avenue	W. Riggin Avenue	4.5 miles	Class II	\$400,000	Short term	
County Tulare Visalia		W. Riggin Avenue	Fresno County line	16	Class II	\$1,020,000	Short-Medium term	