



JOHN WILLIAMS
TRACY·WILLIAMS CONSULTING

PETER LAGERWEY
CITY OF SEATTLE

**BICYCLE & PEDESTRIAN ELEMENTS
OF A TRANSPORTATION PLAN**

ABOUT THAT PLAN...

Plans should include:

1. Vision and Goal Statements, & Performance Criteria
2. Current Conditions and Needs
3. Activities to meet vision and goals
4. Implementation in the LRTPs, TIPs, and STIPs
5. Evaluation of progress

VISION STATEMENTS

What the plan is expected to accomplish...

Examples:

- To make non-motorized travel a viable and enjoyable choice in the community.
- To create a transportation system that offers real choices that meet the needs of individuals and society as a whole.
- To create a nation of travellers with new opportunities to walk or ride a bicycle as part of their everyday life.

GOAL STATEMENTS

Goals to reach vision and time frame to accomplish. Should be clear and measurable

Examples:

- To double bicycling and walking mode split by 2010.
- To reduce number of bicyclist injuries and fatalities 10% by 2010.



PERFORMANCE CRITERIA

Developed to support locally-determined implementation efforts...

Examples:

- Journey to Work mode split
- Biking and walking counts
- Emergency room admissions
- Ped and bike crash reports

Missoula, MT 1990 J.T.W.

<i>Area:</i>	<i>Bike:</i>	<i>Walk:</i>
Overall:	4.1%	8.5%
Tract 6:	8.3%	18.6%
Tract 8:	2.7%	0.9%

CURRENT CONDITIONS

Baseline for actions to reach vision, goals

Examples:

- Levels of use
- Injuries, fatalities
- Infrastructure conditions
- Desired travel corridors
- Land use, zoning
- Standards, policies



SPECIFIC CONDITIONS

Examples of things to look for

On the road network

- Connectivity, fineness of network
- Major barriers, bottlenecks
- Number, kinds of lanes
- Traffic volume, mix, and speed
- Lane width, edge conditions
- Intersections, controls, crosswalks
- Sidewalks, clearances, surface
- ADA compliance

On the trail network

- Design, construction, maintenance
- User interactions, intersections

ACTIVITIES

Activities required to meet vision and goals

Examples:

- Needed changes to road & trail system
- Criteria to prioritize
- Policy changes
- Standards changes
- Other “Es”
- Coordination with other agencies



SPECIFIC ACTIVITIES

Sample improvements

Networks, projects, programs

- Bike lanes, wide curb lanes
- Sidewalks, crosswalks, refuges
- Traffic calming
- Trail improvements, bridges

Policies, standards, codes

- Typical sections, grates, detectors
- Curb ramp designs, s'walk slopes
- Maintenance practices

IMPLEMENTATION

Inclusion in the Plans:

- Policy statements and/or list of projects
- Updated as trans. plans are updated.
- Identified funding source

Inclusion in the TIPs:

- Include identified projects in TIP



EVALUATION

Using performance measures, determine progress in reaching vision and goals.

If necessary...

- Adjust vision, goals, strategies, projects

...or celebrate but keep measuring!



SOURCES

This presentation and links to more than a dozen important sources is available at:

www.bikeplan.com/apa.htm

THANKS FOR COMING!



Tracy·Williams Consulting www.bikeplan.com