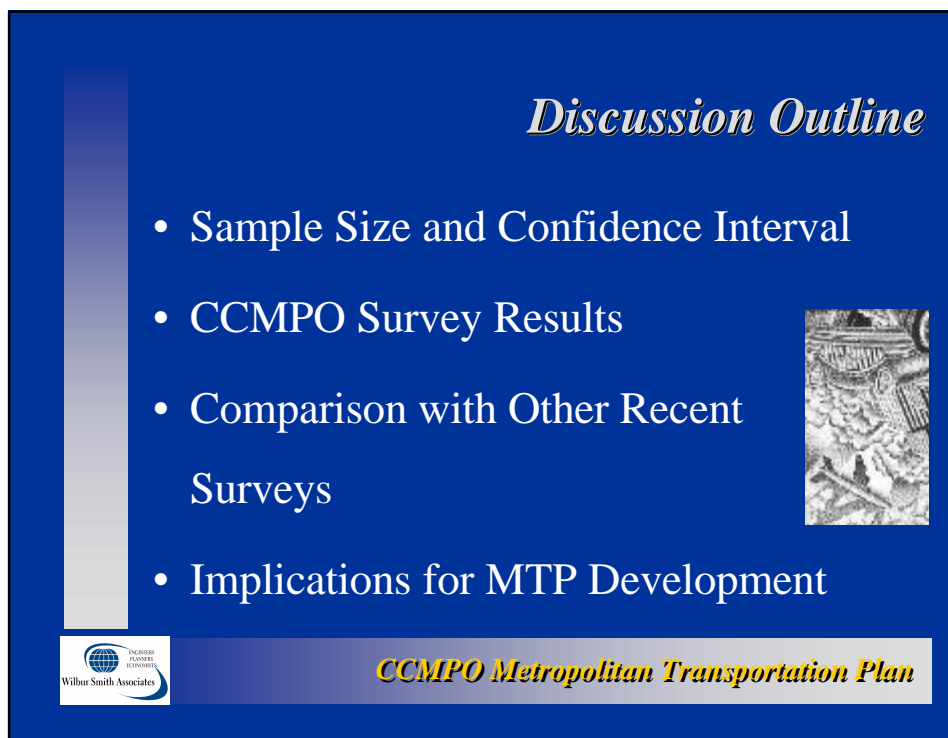




*CCMPO Metropolitan
Transportation Plan Update*



*Year 2000 Transportation Survey
Results and Implications*

Steering Committee
March 20, 2001




Discussion Outline


- Sample Size and Confidence Interval
- CCMPO Survey Results
- Comparison with Other Recent Surveys
- Implications for MTP Development



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MTP Survey – Sample size & Confidence Interval




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MTP Survey – Sample size & Confidence Interval

Total of 328 respondents

- Evenly split between 2 groups
 - Internet respondents (10 large employers)
 - Central sites around County (6 sites – urban, suburban, rural)

At 95% confidence level, average error is $\pm 3.5\%$

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MTP Survey Results – General Findings



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MTP Survey Results – General Findings

Overall Survey Conclusions

Maintenance of condition and function of current transportation infrastructure is residents' top priority

- Focus: Bridges, roads, sidewalks

Safety also a high priority

- Provide new sidewalks/bikepaths
- Fix dangerous intersections



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MTP Survey Results – Performance Measures

Highway/Auto Travel

- Wide range of opinions on physical condition of roads & bridges (46% Good; 37% not)
- 78% believe congestion gets worse every year
 - 55% think congestion affects most trips they make
 - 71% drive on back roads/residential streets to avoid congestion
- 68% believe car travel is safe in Chittenden County
- Only 27% do *not* think driving is a pleasant experience in Chittenden County



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MTP Survey Results – Performance Measures

Public Transit

- Overall, 56% (on average) offered an opinion regarding public transit questions
- Of those with an opinion:
 - 22% believe the bus system offers convenient routes and schedules
 - 36% said they could take the bus where they want to go
 - 45% said they are “very satisfied” with the bus system
 - 90% said they are “not afraid” to ride the bus



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MTP Survey Results – Performance Measures

Sidewalks, Bike Paths, Safety

- Only 16% said there are enough separated bike paths and/or bike lanes in their town
- 36% said there are enough sidewalks in their town
- 48% said sidewalks & bikepaths are in good condition
- Quality of Experience:
 - 62% believe walking is a pleasant experience
 - 42% believe bicycle travel is a pleasant experience



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MTP Survey Results – Performance Measures

Behavior Patterns and Attitudes

- 51% do not see anything replacing their car as their main mode of travel
- 58% would take the bus if more convenient
- 87% would walk to daily activities and work if close enough
- 56% said they would walk more often if safe sidewalks were provided
- 84% of those who could - would work at home some or all of the time (25% could)



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MTP Survey Results – Performance Measures

Behavior Patterns and Attitudes (con't.)

- Only 30% support increased gas taxes earmarked for highways only, but 48% support increases earmarked for non-highway projects, such as transit, sidewalks, and bikepaths



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MTP Survey Results – Performance Measures

Transportation & Quality of Life

- 66% think their car is the only option for daily trips
- Wide range of opinion on whether neighborhoods experience a lot of cut-through traffic (38% significant amount; 40% not)
 - 68% believe their neighborhood streets are safe & pleasant
 - 69% think noise/emissions from cars, trucks, etc. gets worse each year
- Only 13% think enough is being done to address special needs populations' transportation needs



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MTP Survey Results – Paired Importance Categories

- Asked respondents to rate importance of statements within 7 categories
 - Major road projects
 - Improved/expanded transit service
 - Improved bike/walk facilities
 - Improved ridesharing incentives
 - Preserving condition of existing structures
 - Improved safety
 - Minor highway efficiency projects
- Allows determination of respondents’ opinions of categories relative to each other



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MTP Survey Results – Paired Importance Categories

Category	Highest Rated Option in Category
Major Road Projects	Adding more travel lanes to congested roads (69%)
Transit Service	Expanding transit to/between all suburban towns (68%)
Bike/Walk Facilities	Repairing existing, poor condition sidewalks (88%)
Ridesharing	Encouraging employers to subsidize bus passes(61%)
Preserving Existing Structures	Fixing poor bridges (87%)
Improved Safety	Providing sidewalks & bikepaths/fix dangerous intersections (85%)
Minor Highway Efficiency Projects	Improving traffic signal timing & coordination (89%)



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MTP Survey Results - Views of Transportation Planning Process

Residents' Awareness & Attitude of, and Participation in, Transportation Planning in Chittenden County

	Yes	No	Total
I am aware of how transportation improvements are selected.	21%	79%	100%
I am aware that the region has a long range transportation plan.	55%	44%	100%
Transportation planning is done well in Chittenden County.	33%	67%	100%
I have participated in the planning process in my town or for the County.	12%	88%	100%



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MTP Survey Results – Comparison with Other Surveys



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Comparison with Other Surveys

Examined three related surveys:

1. Vermont Forum on Sprawl 1998 Poll of Vermonters' Attitudes on Sprawl
2. VTrans Year 2000 Transportation Survey
3. CCMPO Year 2000 MTP Vision Questionnaire

Purpose:

- Look for convergence of themes/issues
- Identify supplemental information for MTP



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Comparison with Other Surveys

Convergent Themes/Issues

- Transportation options (availability or lack of) seen as directly affecting daily living and activities
- Investments should focus on safety improvements, system maintenance, and bike/ped paths & improvements
- Desire to have multi-modal options for accessing daily needs (walk, bike, transit, car)



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Comparison with Other Surveys

Supplemental Information

Congestion not a major concern statewide

- Congestion does affect travel decisions for 20% of Vermonters (VTrans Year 2000 Survey)

It may be difficult to alter levels of car use

- Expanding transit options among most promising strategies for “getting people out of their cars” (VTrans & Forum on Sprawl)



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Comparison with Other Surveys

Supplemental Information (con't.)

Most Chittenden County residents believe “growth” doesn’t have to mean “sprawl”

- Believe current development patterns in County can be changed to prevent sprawl (Forum on Sprawl)

Many think “purpose of transportation system” includes connecting neighborhoods/ communities and helping to guide growth (MPO Vision)



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Implications for MTP Development



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Implications for MTP Development

- Residents want system **preservation, safety, bike/ped** investments to be top priorities
- **Congestion** a concern, but major congestion relief investments **not** a high priority
- **Expansion** of public **transit** services **county-wide** highly desired
- Residents want transportation **choices** for and **connectivity** to daily life activities (even if not used every day)



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Other Issues/Questions and Answers



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