Montana Transportation & Land Use Resources for Growing Communities

presented by

Cambridge Systematics, Inc.
Renaissance Planning Group, Inc.
Robert Peccia & Associates, Inc.

March, 2010

CAMBRIDGE
SYSTEMATICS

MONTANA
MDT★
DEPARTMENT OF TRANSPORTATION

Today's Webinar

- **Technical Details**

- **Research Project Overview**

- **Online Tools Demonstration**

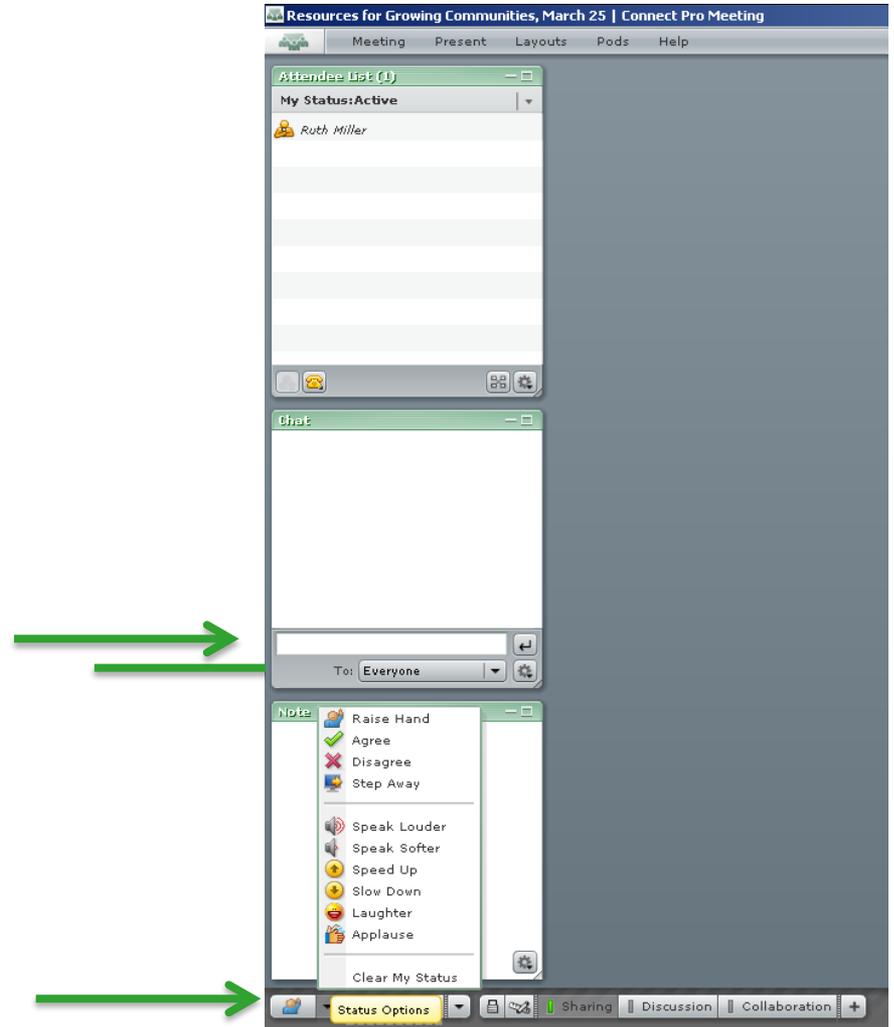- **Sample Applications**

- **Next Steps**

- **Discussion**

Telephony Issues

- **Audio and video are being recorded.**

- **Please mute your phone during the presentation.**

- **Don't forget to unmute your phone to speak during the call for questions.**

- **If you have an issue with the phone, press *0.**

Adobe Connect Pro

- **Chat**
  - **To: Everyone, Presenter**

- **Status**
  - **Raise Hand**
  - **Agree/Disagree**
  - **Speak Louder/Softer**
  - **Speed Up/Down**
  - **Laughter/Applause**

- **Download the Presentation**

Project Objectives
Local Transportation and Land Use Coordination: Tools and Gaps

- **Resource Goal**

  - **Assist Montana's expanding cities and surrounding areas better coordinate transportation and land use planning and decision making**

  - **Present ideas, options and examples**

- **Identify Off-The-Shelf Tools**

  - **Policies and practices**

  - **Analytic methods**

  - **Data sources**

  - **Software**

  - **Other ideas**

Project Objectives (continued)

- **Tools Should Support:**
  - **Development and extension of local street networks**
  - **Local transportation system financing**
  - **Assessment of development impacts on local and state roads**
  - **Directions for multimodal and transit development**

- **Gaps in Practice**
  - **Promising but undeveloped approaches**
  - **Refinements for smaller communities**
  - **Missing appropriate examples**

Research Panel

- **Michelle Bryan Mudd, University of Montana**

- **Ann Cundy, Missoula OPG**

- **Tim Davis, Smart Growth Montana**

- **Andrew Finch, City of Great Falls**

- **Hal Fossum, MDT Planning**

- **Jerry Grebenc, Montana CTAP**

- **Lloyd Rue, FHWA**

- **Chris Saunders, City of Bozeman**

- **Sue Sillick, MDT Research**

- **Harold Stepper, Jefferson County**
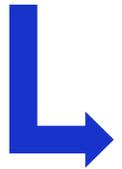
- **Mike Tierney, MDT Planning**

Tool Evaluation and Selection
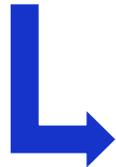
Table 5.2   Tool Evaluation Matrix

Tool / Tool Implementation	Policies	Practices	Analytic Methods	Data Sources	Development of Local Street Networks	Local Transportation System Financing	Assessment of Development Impacts	Multimodal/Transit Development	Regional	Local	Urban	Rural	Rapid Growth	Legislative	Planning Process	Plan Development	Explicitly Allowed	Init High	Init Med	Init Low	Maint High	Maint Med	Maint Low	Priority High	Priority Med	Priority Low
Coordination and Consensus Building																										
Community Visioning		●	●		●	●	●	●	●	●	●	●	●		●	●	●	●	●		●	●			●	
Scenario planning		x			x			x	x	x	x	x	x		x		x	x			x					x
Visualization		x	x		x			x	x	x	x	x	x		x	x	x		x			x		x		
Visual preference survey			x		x			x	x	x	x	x	x		x		x	x			x				x	
Charrettes		x			x	x		x	x	x	x	x	x		x	x	x	x			x				x	
Workshops, facilitated meetings, and gaming exercises		x	x		x	x	x	x	x	x	x	x	x		x		x		x			x		x		
Interagency/Multidisciplinary Coordination	●	●		●	●	●	●	●	●	●	●	●	●		●	●	●	●	●		●	●		●		
Program-/project-specific initiatives	x	x		x	x	x	x	x	x	x	x	x	x		x		x	x			x				x	
Planning process development		x		x			x		x	x	x	x	x		x		x	x			x				x	
Resource and funding coordination	x	x		x		x	x	x	x	x	x	x	x		x		x		x			x		x		
Shared development of plans and policies	x	x		x	x		x	x	x	x	x	x	x	x	x		x		x			x		x		
Plans, Policies, and Regulations																										
Growth Management	●	●	●		●		●		●	●	●	●	●			●	●	●	●		●	●			●	
Growth policies (comprehensive plans)	x						x		x	x	x	x	x			x	x		x			x		x		
Concurrency/adequate public facilities ordinances	x				x	x	x	x	x	x	x	x	x	x			x	x			x			x		
Development of regional impact analysis	x	x	x		x	x	x	x	x		x	x	x	x				x			x			x		x
Urban growth boundaries	x					x	x		x	x	x		x	x		x	x	x			x				x	
Rural land conservation easements	x	x							x	x		x				x	x	x			x			x		
Transfer of development rights	x	x					x		x	x		x				x	x	x			x				x	
Transportation planning and access management	x	x			x			x	x	x	x	x	x	x		x	x		x			x		x		
Special Area Planning	●	●			●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●			●	
Corridor plans		x			x		x	x	x	x	x	x	x	x	x		x		x			x		x		
Neighborhood/subarea plans		x			x		x	x		x	x		x	x	x		x		x			x			x	
Downtown master plans		x			x		x	x		x	x	x			x		x	x			x				x	
Interchange area plan	x	x			x			x		x	x		x	x		x			x			x				x
Multimodal transportation plans		x						x	x	x	x	x	x		x	x	x		x			x		x		
Extraterritorial jurisdiction/cooperative planning area	x	x			x		x		x	x	x		x	x		x		x			x			x		x
Special Area Regulations	●	●			●		●	●	●	●	●	●	●	●	●	●	●	●			●					●
Growth management areas	x	x					x		x	x	x	x	x		x	x	x	x			x				x	
Overlay zoning	x				x			x	x	x	x	x	x	x			x	x			x					x
Special transportation planning areas/highway corridor designations	x	x			x		x	x	x	x	x	x	x		x	x	x	x			x			x		
Corridor access management ordinances	x	x			x		x		x	x	x	x	x	x	x		x	x			x			x		

MONTANA MDT DEPARTMENT OF TRANSPORTATION

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Stakeholder Outreach

Web-Based Survey

Initial Practitioner Interviews

Mockup Interviews

Transportation and Land Use Summit

Final Review

Stakeholder Outreach
Major Findings

- **Internet Preference**

- **Top information needs**
  - **Finance and funding**
  - **Impact analysis and mitigation techniques**
  - **Coordination between projects in a community**

- **Key Issues**
  - **Small, multifunctional staff**
  - **Limited resources and analytic proficiency**
  - **Montana examples are most valuable**

Demonstration

- **Tools and Strategies**
  - **Overview of Tools and Strategies**
  - **Example "Drilldown" of Financing Tools**

- **Resources**
  - **Case Studies**
  - **Montana "Transportation Planning 101"**
  - **General Resources**

- **"How Do I…?" Pages**

- **Search Function**

Sample Applications

- **How should development of a community-wide long-range transportation plan be approached?**

- **How could a traffic impact study be reoriented to more fully assess non-motorized and transit travel?**

- **Might impact fees be appropriate for a community?**

Case Studies and Examples
Case Study Focus

	Funding	Coordination	Policy & Planning	Technical Analysis
Billings Arterial Fee	✔ ✔	✔		
Bozeman CIP Funding	✔ ✔		✔	✔
Missoula UFDA Plan		✔ ✔	✔	✔
Eastern Planning Initiative		✔ ✔		✔ ✔
"Fix Five" Fee Program	✔ ✔	✔		✔
Plan Cheyenne			✔	✔ ✔
Sedona Road Runner			✔ ✔	✔
Windsor-Severance CPA		✔ ✔		✔

✔✔   **Primary Case Study Focus**
✔   **Secondary Case Study Focus**

Gaps in Practice

- **Paying for transportation in small, rapidly growing communities**

- **Transferable processes and data for community-level transportation analysis in smaller communities**

- **Multijurisdiction approaches and incentives for smaller communities**

- **Multimodal transportation system needs and opportunities in smaller communities**

- **Staff-level training resources to improve community and interagency com-munication**

- **Effective growth policies and success stories**

MONTANA TRANSPORTATION AND LAND USE RESOURCES FOR GROWING COMMUNITIES

The Montana Department of Transportation (MDT) has published an on-line set of resources, Montana Transportation and Land Use Resources for Growing Communities, which can be accessed at:

http://www.mdt.mt.gov/research/toolkit/.

This site is a guide to off-the-shelf policies, practices, analytic methods, data sources, and software to assist communities coordinate transportation and land use planning. Successful transportation and land use applications are illustrated in communities throughout Montana and similar states by a series of examples and cross-cutting case studies.

Tools and examples can be accessed by category or a "How do I?" list of typical questions and situations faced by local planners as they seek to coordinate land use and transportation planning. "How do I…" topics cover a range of practical problems, such as:

- Funding transportation improvements;
- Assessing and mitigating the impacts of new development; and
- Coordinating plans with other agencies and stakeholders.

Resources for Growing Communities also links users to national and state-level transportation planning resources.

How Can these Resources Help Me?

Through explanations, examples, and links to other resources, Resources for Growing Communities illustrates how other local communities have approached transportation and land use issues faced by small, growing cities and counties. Whether you are looking for general ideas on how to begin approaching transportation and land use coordination, or specific analysis and policy ideas, this set of resources should be your first stop.

Each tool includes a summary "dashboard" indicating the types of communities for which a tool is most applicable and gauges the tools' cost and complexity.

The dashboard is joined with more detailed information that provides an overview of each tool, who can most benefit from using the tool, keys to success and potential pitfalls, examples of tool usage in other communities, and suggestions on how to get started and where to turn for additional information.

THIS STRATEGY IS USEFUL FOR:

- Urban, suburban, and rural communities.
- Fast-growing and declining communities.
- Rural areas.

COST
$ $$ $$$

COMPLEXITY
easy difficult

MONTANA APPLICABILITY
Widely used in Montana?
no yes

Widely used in peer communities?
no yes

Required? No
Statute(s): N/A

How Were the On-Line Resources Developed?

This site is the result of 18 months of research into best and promising practices in local land use and transportation planning that sought to identify current resources and strategies useful in small and growing communities. The effort was advised by local planners and policy specialists. The research focused on critical problems of:

- Development and extension of local street networks;
- Local transportation system financing;
- Assessment of development impacts of local and state roads; and
- Directions for multimodal and transit development.

Where Can I Get More Information?

The Montana Transportation and Land Use Resources for Growing Communities can be accessed at:

http://www.mdt.mt.gov/research/toolkit/.

Further information on the Transportation and Land Use research project, including project reports and a video overview of the toolkit, are available from MDT's Research web site at:

http://www.mdt.mt.gov/research/projects/planning/smart_trans.shtml.

We welcome ideas and feedback about how to improve these resources. Comments can be sent using the "Contact Us" form at http://www.mdt.mt.gov/research/toolkit/, or by sending an e-mail to mdtcommres@mt.gov.

Images courtesy of www.city-data.com

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Get More Information

- **Find additional project information at:**

  - **http://www.mdt.mt.gov/research/projects/planning/smart_trans.shtml**

- **Access *Resources for Growing Communities* at:**

  - **http://www.mdt.mt.gov/research/toolkit/**

- **Send feedback and questions to:**

  - **mdtcommres@mt.gov**

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Discussion

- **Have any of you had an opportunity to use the online resources?**

  - **How have you used it?**

  - **What are general impressions?**

  - **What would you change, if anything?**

Discussion

- **Do you have an example of a recent transportation or land use issue from your community?**

Discussion

- **Are there ways to improve the web site's organization or content to make it more useful to Montana's local planners?**

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