

VHB 1

Worcester Regional Mobility Study

Technical Committee Meeting 9

February 24, 2009 2:00 PM to 4:00 PM
Central Massachusetts Regional Planning Commission




VHB 2

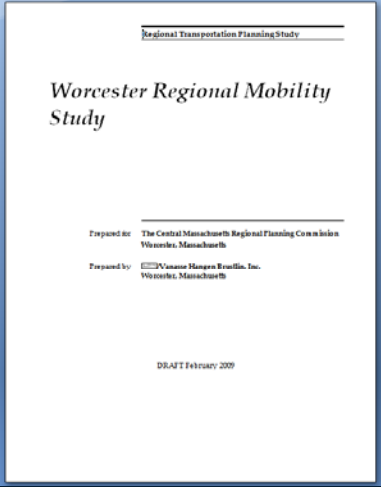
Agenda

- Draft Existing Conditions Report 2:00 – 2:20 PM
- Economic Development Planning 2:20 – 2:40 PM
 - Existing Conditions & Next Steps
- Major Infrastructure Projects Evaluation 2:40 – 3:40 PM
- Next Steps 3:40 – 4:00 PM
 - Public Outreach on Existing Conditions (Advisory Group Meeting #2, PIM #2)
 - 2030 Future Conditions Progress
 - SA Population/employment – calibrated
 - ORH Passenger Forecasts/OD Patterns – OD patterns received, high growth, awaiting medium growth scenario to 2030
 - I-90 Toll assumptions – reviewed at last TC meeting
 - No-Build Projects – Include North Corridor (25% Design Completed)
 - Implications of increased gas tax

3



Draft Existing Conditions Report


 <p style="text-align: center;">Worcester Regional Mobility Study</p> <p style="text-align: center;">Prepared for: The Central Massachusetts Regional Planning Commission Worcester, Massachusetts</p> <p style="text-align: center;">Prepared by: Parsons Brinckerhoff Worcester, Massachusetts</p> <p style="text-align: center;">DRAFT February 2009</p>	<p>Study Process and Framework1</p> <p>1.1 Introduction 1</p> <p>1.2 Study Process 2</p> <p>1.3 Study Area 3</p> <p>1.4 Study Goals, Objectives, Evaluation Criteria 4</p> <p>1.5 Public Outreach Plan 7</p> <p>Existing Conditions (2008)8</p> <p>2.1 Demographics – Population and Employment 12</p> <p>2.2 Journey-to-Work 13</p> <p>2.3 Land Use 16</p> <p>2.4 Environmental, Social, and Economic Assessment 17</p> <p>2.4.1 Environmental Resources 17</p> <p>2.4.2 Social and Economic Considerations 19</p> <p>2.4.3 Summary 25</p> <p>2.5 Transportation Infrastructure Assessment 25</p> <p>2.5.1 Existing Traffic Demands 25</p> <p>2.5.2 Functional Classification, VMT and VHT 28</p> <p>2.5.3 Bridge Ratings and Geometry 30</p> <p>2.5.4 Pedestrian/Bicycle Modes 36</p> <p>2.5.5 Public Transportation 39</p> <p>2.5.6 Safety 43</p> <p>2.5.7 Traffic Operations 49</p> <p>2.5.8 Intelligent Transportation Systems Infrastructure 65</p> <p>2.5.9 Summary of Transportation Infrastructure Assessment 68</p>
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4



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5

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6

Evaluation Criteria

- Ease of Permitting/Constructability
- Potential Community/Agency Support
- Ability to Implement within Existing Right-of-Way; limited takings
- Benefits to Existing Natural/Human Environment (Minimal Impacts)
- Traffic Demands for New Alignment Corridors
- Study Area E/W Travel Time Savings- Route 9/Route 122 Corridor through Study Area
- Study Area Travel Time Savings - Targeted Economic Development Corridors/Worcester Regional Airport from Regional Highways
- Study Area N/S Travel Time Savings - I-290 Corridor / Route 56 Corridor
- Mobility Gains - VMT/VHT by Functional Classification

VHB 7

Evaluation Criteria

- Ease of Funding - Minimized Order of Magnitude Costs
- Estimated Economic Development Potential
- Regional Air Quality Benefits - Vehicle-miles traveled/Vehicle-hours traveled
- Potential to Address Congested/Crash Corridors
- Potential to Address Geometric Deficiencies
- Ease of Access to Economic Development Areas from Regional Highways
- Ease of Wayfinding to Economic Development Areas from Regional Highways
- Travel Time Reliability to Economic Development Areas from Regional Highways
- Potential to Encourage Transit and Non-Auto Mode Share

VHB 8

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