

Transport 2020 Public Workshops

September 2006



Welcome to the Transport 2020 Public Workshops. On display today are images and project details that will provide up to date information on the Transport 2020 Commuter Rail project. The project is currently in the process of preparing conceptual engineering refinements and the National Environmental Policy Act (NEPA) environmental documentation.

Integration Between Studies

Transport 2020 / Madison Streetcar Study

- Shared committee members, city and consultant staff
- Sharing of base data & information
- Collaboration on public & stakeholder outreach
- Regularly-scheduled check points
- Possible shared tracks, stations, etc. in future



There are concurrent projects looking to improve transit in Madison and Dane County. The Madison Streetcar study is analyzing the potential to build a fixed-guideway streetcar system within the City of Madison. The Transport 2020 project would build a commuter rail system linking communities and neighborhoods in Dane County. While both studies are integrated with one another, the information on display today focuses on the Transport 2020 commuter rail project.

Study Sponsors / Participants

Study Sponsors

- City of Madison
- Dane County
- Wisconsin Department of Transportation
- Other Agencies (UW-Madison, Madison Area MPO)

Implementation Task Force

- Transit Operations Subcommittee
- Finance and Governance Subcommittee



Transport 2020 is being led by the City of Madison, Dane County, Wisconsin Department of Transportation and other participating agencies, such as UW-Madison and the Madison Area Metropolitan Planning Organization. In addition, an Implementation Task Force is guiding the technical elements of the project study.

Purpose and Need

PURPOSE

- Uniform vision for a growing region
 - Transit is a catalyst to maintain a high quality of life
 - Preserve neighborhoods
 - Maintain livable central city
 - Maintain economic viability
 - Preserve environmental assets
 - Transportation available to all populations



The Madison area's articulation has envisioned a future in which an improved transit system is a catalyst for attaining citizens' vision of their ideal community, preserving neighborhood character and maintaining the livability and economic viability of the central city while preserving the region's unique environmental assets.

Purpose and Need

NEED

- Madison/Dane County growth continues
- Isthmus is regional activity hub/geographically constrained



The Madison Metropolitan Area has exhibited the greatest growth in population of any metropolitan area in Wisconsin in the last decade. Between 2000 and 2004 alone, the area grew by 30,000 people, a 6% increase. Overall, Dane County population is forecast to increase 36% -- adding approximately 150,000 people -- between 2000 and 2030. Forty-seven percent of this growth is forecast to take place in the primary Transit Market Area.

Purpose and Need

NEED

- Traffic congestion continues to grow
- Roadway capacity expansion is not an option
 - Impacts to neighborhoods and businesses
- Limited parking expansion opportunities exist



The rapidly increasing population also translates into traffic congestion and roadway capacity constraints. The previous phase of Transport 2020 considered roadway expansion throughout the Dane County region but determined that the full costs of roadway expansion make such an alternative unreasonable. In addition, due to the high land costs in Downtown Madison and a lack of available land in general on the isthmus, the provision of automobile parking in the central business district is an issue of great concern to business owners, employers, residents, shoppers and students.

Technology *Options*: Alternatives 2a, 3

- **FRA-compliant DMUs**



Colorado Rail Car (Miami)



United Transit System (Raleigh/Durham)

- **Non-compliant DMUs**



Bombardier (Ottawa)



Stadler (NJT RiverLINE)



Vehicle technologies under consideration include a wide range of rail transit vehicles. Shown here are photos of Diesel Multiple Unit, or DMU, vehicles operational in North America. DMU's are diesel-powered self propelled passenger rail vehicles.

Technology *Options*: **Alternative 5**

- **Straight electric vehicles, hybrid**



Kinkisharyo (Boston)



Siemens (San Diego)



Streetcar (Portland)

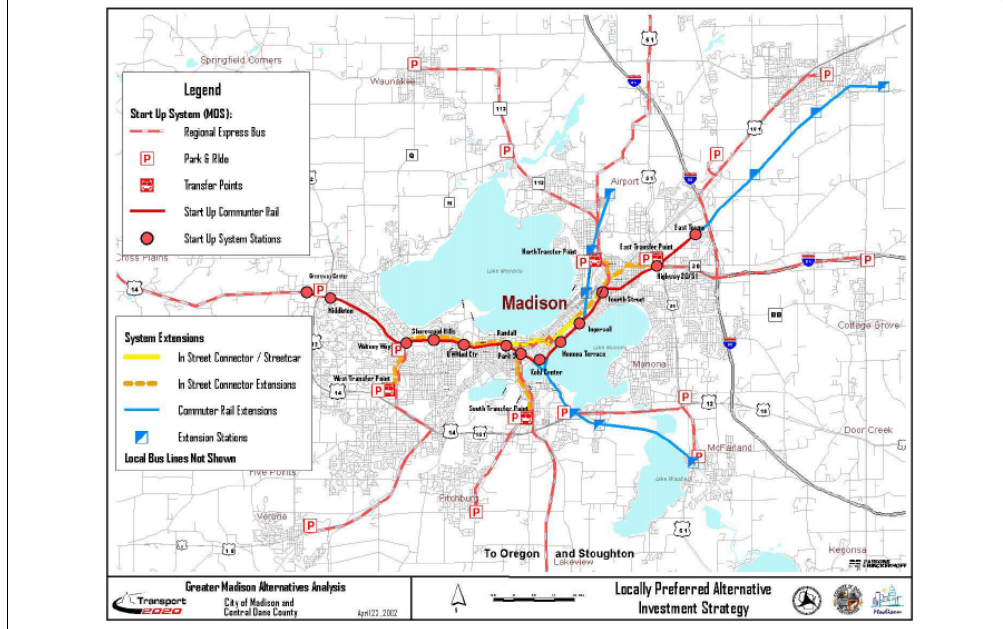


ALSTOM RegioCITADIS (Germany)



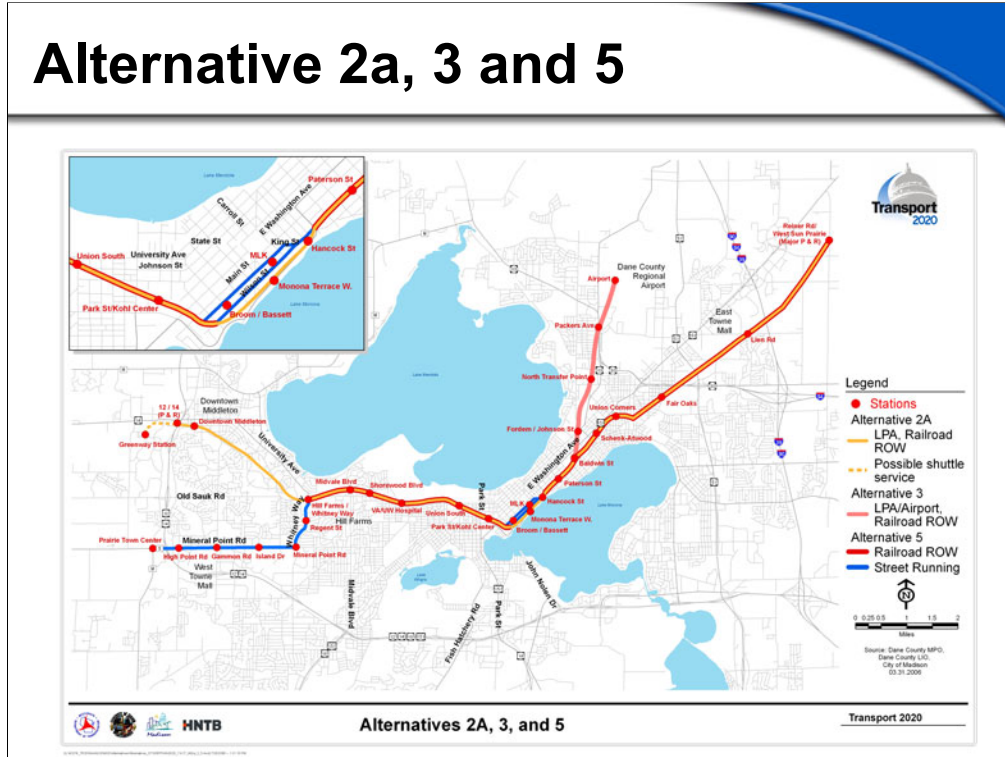
Also under consideration are electric-powered passenger rail vehicles shown here.

Full System Vision (2002)



The first phase of the Transport 2020 study evaluated transportation system improvements for Dane County and the Greater Madison Metropolitan Area; it concluded with a long-term vision and Locally Preferred Alternative (or LPA) for a multi-modal transit system consisting of commuter rail, electric streetcars, express bus services, park-and-ride lots and improvements to local bus service. This “Full System” transit LPA will represent significant progress toward meeting the regional transportation, economic development and growth management goals established at the outset of the Transport 2020 project.

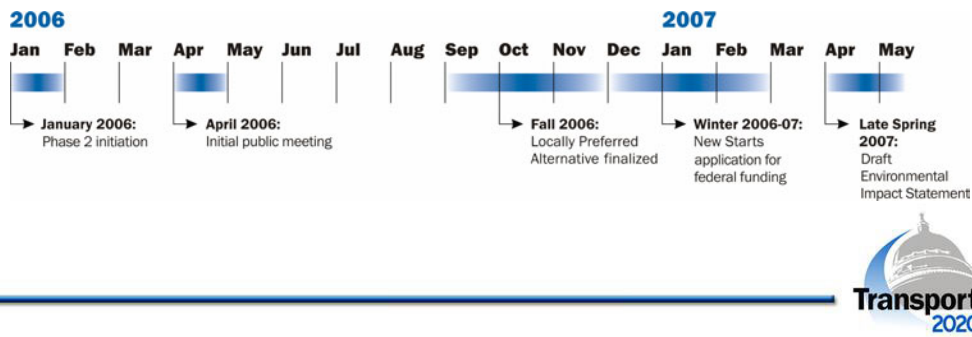
Alternative 2a, 3 and 5



Three route alternatives remain under study. The overall length and service connections are similar among these three options. A more detailed route map is on display today showing preliminary station locations and route details.

Schedule

- Route, vehicle type, stations & frequency
- Environmental & land use analysis
- Ridership forecasts
- Funding & organizational structure
- Federal “New Starts” application



The project team is working to finalize project details, including routes, vehicle types, stations, ridership and funding. Later this year, a draft Locally Preferred Alternative, or LPA, will be decided upon. Following the LPA, study sponsors will submit a Federal “New Starts” application, requesting permission from the Federal Transit Administration to enter the next phase of study. A draft Environmental Impact Statement will be completed in mid-2007.

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Your comments and questions are important to us. Project staff are available to talk one-on-one with you today about Transport 2020. Once again, thanks for coming.