



Solicitation for 2012

Competitive Federal Grants:

State of Good Repair, Bus Livability, Clean Fuels

Transportation Committee
March 12, 2012

Marilyn Porter/Maurice Roers
Engineering & Facilities, Metro Transit

Federal Competitive Grant Programs

- **State of Good Repair** – maintain bus assets in good condition
- **Bus Livability** - fostering livable communities and promoting sustainable development
- **Clean Fuels** - improving environment through clean energy

Reflective of shift in Federal funding – no earmarks and greater emphasis on planned, shovel-ready projects.

State of Good Repair

Heywood Bus Garage

- Undersized office spaces
- Inefficient layout
- Outdated maintenance equipment

\$10 million request – scalable to two areas



Bus Operations Improvements

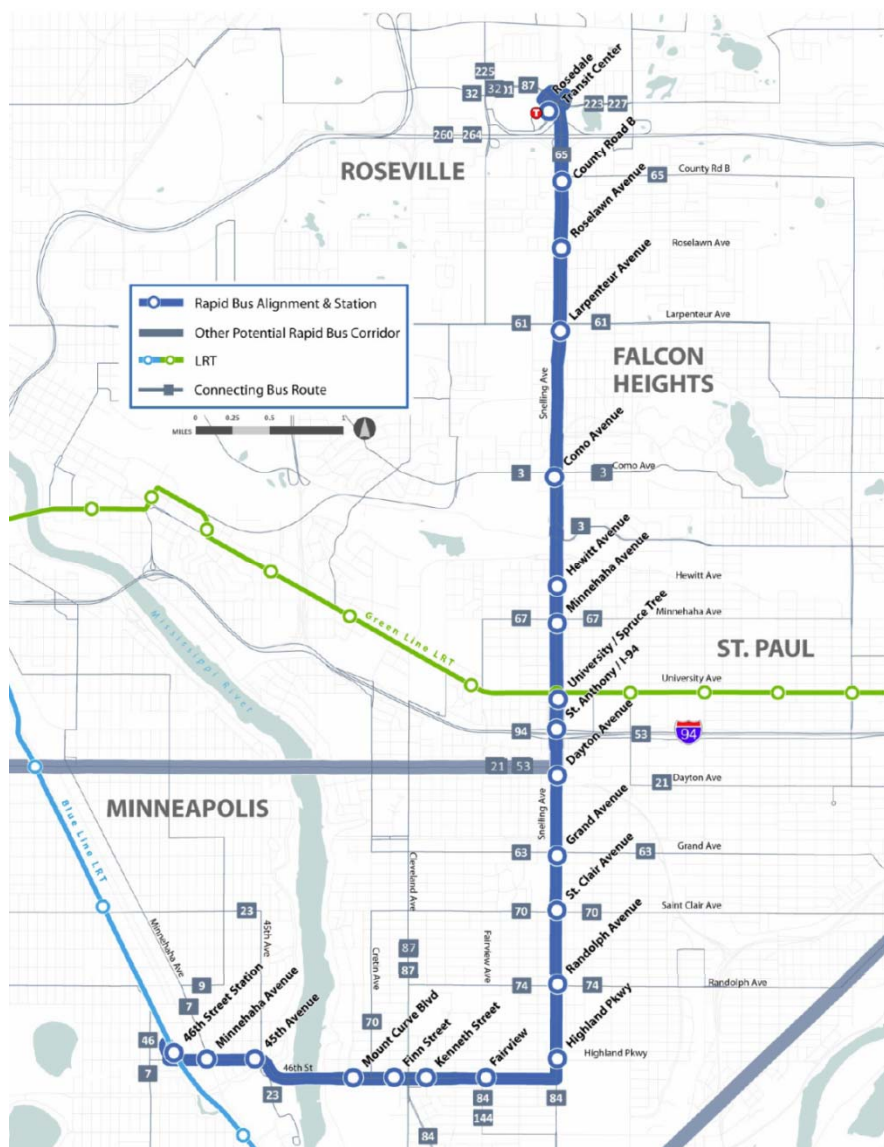
- New bus operations area
- Expand revenue room
- Renovate human resources
- Renovate customer service

Bus Maintenance Improvements

- New managers' offices
- Expand materials management space
- Install new parallelogram lifts



Bus Livability



Grant focuses on:

- Linkages to livability principles (e.g. increased choice, equity, competitiveness, etc.)
- Environmental sustainability
- Leveraging other investment

Snelling Rapid Bus is a good match to grant criteria

- Green/Blue LRT connections
- Air quality
- Diversity of neighborhoods

Request for \$8,000,000



Bus Livability



Project elements – Bus Livability:

- Rapid Bus stations
- Off-board fare collection
- Curb extensions
- Lighting and security cameras

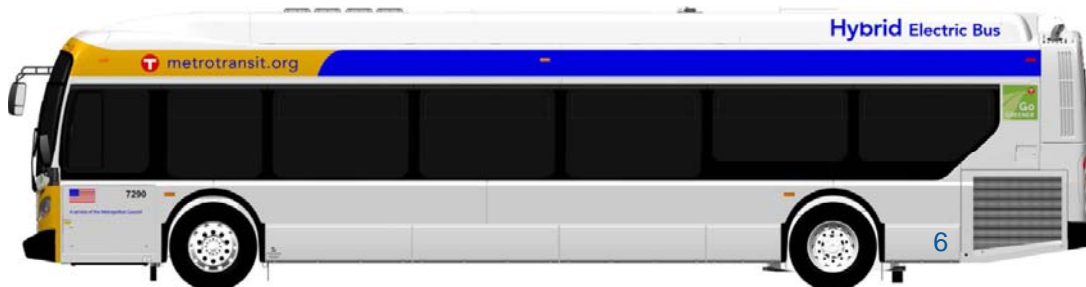
Project elements – other sources:

- Buses
- Transit signal priority
- Real time arrival information

Corridor	Route Segment	Distance	Corridor Run Time w/out Enhancements		Corridor Run Time w/ Enhancements		Total Time Savings
			Run Time	Avg Speed	Run Time	Avg Speed	
Snelling Avenue (South/Westbound)	Rosedale Transit Center to 46th Street Station	9.69	0:47:30	12.2	0:34:57	16.6	0:12:33

Clean Fuels

- 11 buses needed for Snelling Avenue Rapid Bus service
- Snelling is an air quality hotspot in regional maintenance area
- Grant to fund cost Δ between hybrid vs. standard bus
- Technology upgrades include:
 - Hybrid drive
 - Electric accessories
 - Potential all-electric operation for portions the route
- \$2,860,000 request for upgrades to 11 buses





Next Steps

Prepare and submit applications

- **State of Good Repair** – due March 22
- **Bus Livability** - due March 29
- **Clean Fuels** - due April 5