Working together:

Ramsey-Washington Metro W.D. Efforts

Themes in North St. Paul’s Comprehensive Plan
RWMWD Studies

RWMWD Watershed District’s:
1. Kohlman Lake TMDL, and
2. Kohlman Creek Subwatershed
   Infiltration Study
Themes in North St. Paul’s Comprehensive Plan

1. Active/healthy living through increases in bicycling and walking.

2. Create greater connections between neighborhoods, commercial areas, downtown and community facilities.

3. Improving the aesthetic image of the City both in neighborhoods and in the new Diversified Development District.
A task force of North St. Paul citizens and City staff was formed to reinvent their streets.
Goals developed in the Task Force process:
Stormwater capture and use
Trees
Pedestrians movement
Pedestrian safety
Bikes
Community
Aesthetic character

Traffic
Speed
Sewers
Gas
Electric
Telecom
Storm water drainage
Stormwater capture and use
Trees
Pedestrians movement
Pedestrian safety
Bikes
Community
Aesthetic character

Traffic
Speed
Sewers
Gas
Electric
Telecom
Storm water drainage

GREEN

GREY

INFRASTRUCTURE
1) Improve stormwater runoff quality (Environmental Goal & RWMWD Goal)
   • Infiltrate at least the first inch of rainfall
2) **Reduce Impervious Surfaces (Environmental Goal)**
   - Utilize some parking lanes for water treatment & bike/pedestrian circulation.
   - Retain enough parking to meet existing demand
3) **Calm Traffic (Active Living & Transportation Goals)**

- Use rainwater gardens, curb bump outs and other techniques as appropriate to slow traffic.
4) Improve Bike & Pedestrian Connectivity
(Transportation & Active Living Goals)

- Create bike lanes on collector streets
- Add sidewalks where necessary
5) Protect and enhance the urban forest

• Protect and retain existing trees
• Sidewalks may meander around existing trees in order to protect them.
6) Street construction costs equal to or less than traditional street construction costs

- Pavement reduction results in a cost reduction
- New features like rainwater gardens result in an overall break even cost compared to typical replacement
7) Minimize long-term maintenance costs
   • Reduce amount of pavement necessary to maintain and replace
   • Design for ease of maintenance
15th Avenue as it exists today.
Residential Streets Concept

- Bituminous Roadway
- Concrete Curb and Gutter
- Existing Street Edge
- Right-Of-Way
- Retaining Wall
- Sidewalk
- Rainwater Garden
- Public Art Component
East/West Corridors;
e.g. 17th Ave.
East/West Collector Concept
Benefits of Living Streets
Benefits of Living Streets

**Economic**
- Lower construction and long term maintenance costs
- Spark economic revitalization

**Build Community**
- Get children active – combat obesity
- Enhanced neighborhood beauty and strengthen sense of community
- Traffic calming

**Environmental**
- Improve water quality in Kohlman Lake and Lake Phalen
- Improve air quality
- Reduce urban heat island affect
Neighborhood Outreach Campaign
Next Steps & Implementation
Implementation Steps for 2010 & 2011

• Prepare draft Living Streets Ordinance and Policy for adoption by Council
• Seek grants and funding for demo street project
• Implement neighborhood outreach for demo street – develop branding and key messaging
• Construct demo street project and use as example for future annual street replacement projects
• Develop City street replacement phasing program and funding strategy.
North St. Paul’s Future Neighborhoods?

QUESTIONS?