ACEC – Minnesota County Forecasting Seminar

May 20, 2016



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Dakota County
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Dakota County Transportation System

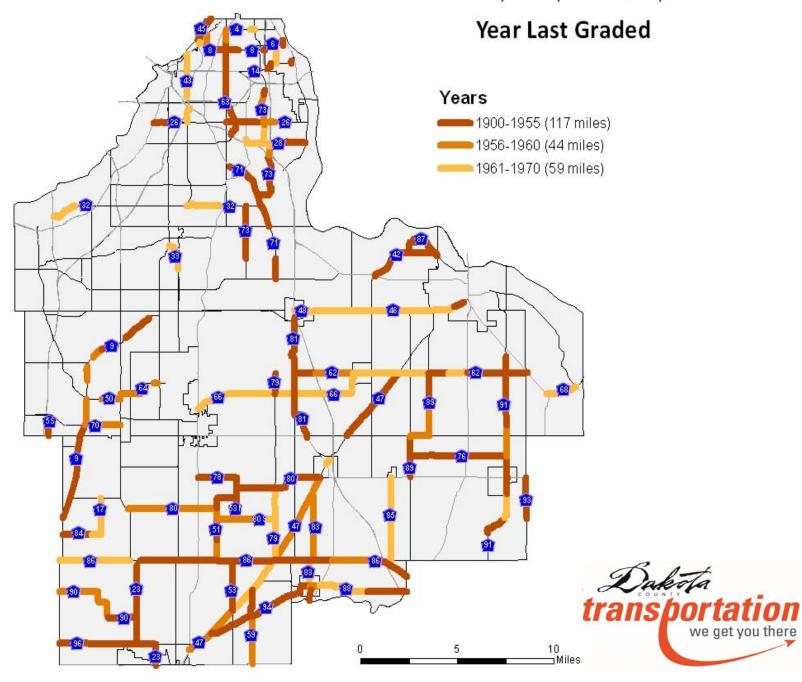
- 2014 Population: 412,529
- 2030 Projected Population: 524,000
- State Trunk Highways: 204 Miles
- County Highways: 413 Miles (340 CSAH)
- 56 Miles Gravel, 80 Bridges, 177 Signals
- 4 Regional Transitways, 2 Transit Providers

Dakota County Transportation System

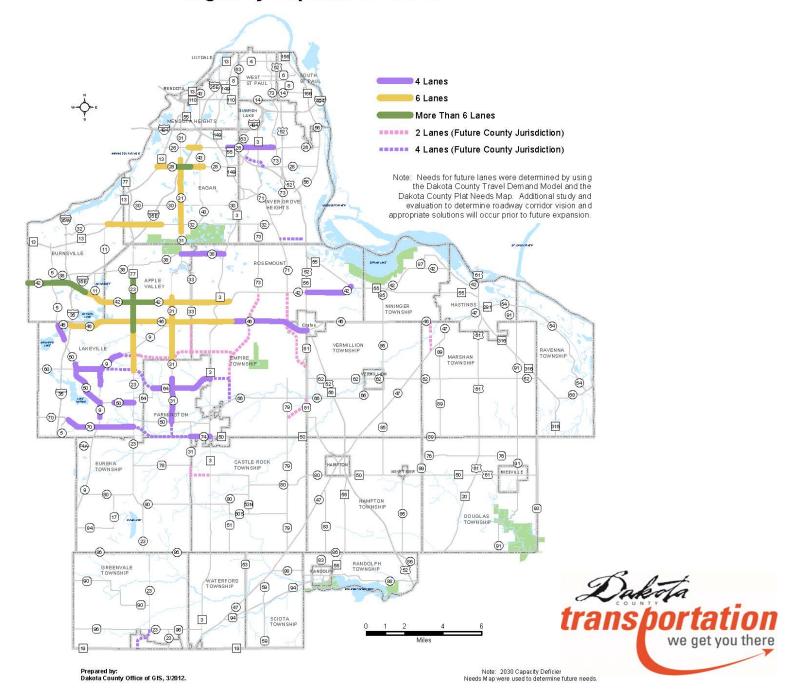
- Increasing Emphasis on Transit, Bicycling,
 Pedestrian Modes
- Pavement Condition Steady
- No Structurally Deficient Bridges
- Aging System Shifting Needs from Expansion to Replacement



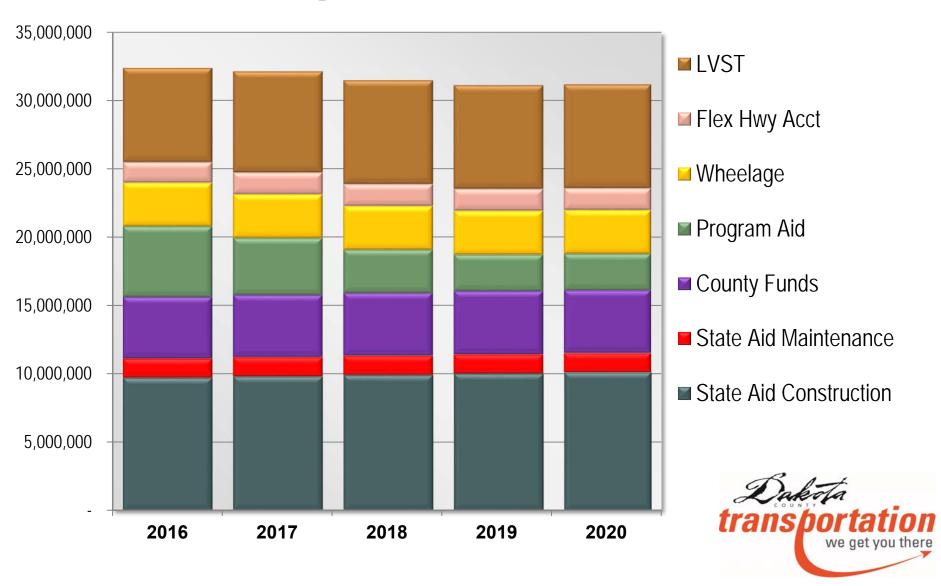
Dakota County Transportation Department



Highway Expansion Needs



Dakota County Transportation Anticipated CIP Revenues



Dakota County Transportation CIP Projects by Plan Goal

Preservation	\$38.3
Management	53.2
Replacement	93.5
Improvement/Expansion	108.9
Resources/Other	23.2
	\$317.1



Dakota County CIP 2016-2020 CIP

	5-Year Total	Percent
Transportation	\$317,053,536	72
Regional Rail	21,032,264	5
Parks	75,435,478	17
Facilities	<u>25,442,116</u>	6
	\$438,963,394	
		Dakola transportation

Typical Consultant Projects

- System Planning Studies
- Expansion and Interchange Projects
 - Preliminary Engineering
 - Final Design
 - Right of Way Acquisition
 - Construction Inspection
- Bridge Design
- Transitway Planning



Consultants – What We Look For

- Project Team It's about the people
- Best Fit What are your firm's strengths?
- Value What are we getting for the cost? It's not unusual for us not to take the lowest cost. Cost/hr?
- Approach What are we missing? Is there a better way than included in the RFP?
- Quality Proposal How badly do you want the job?
- Past Success/Experience

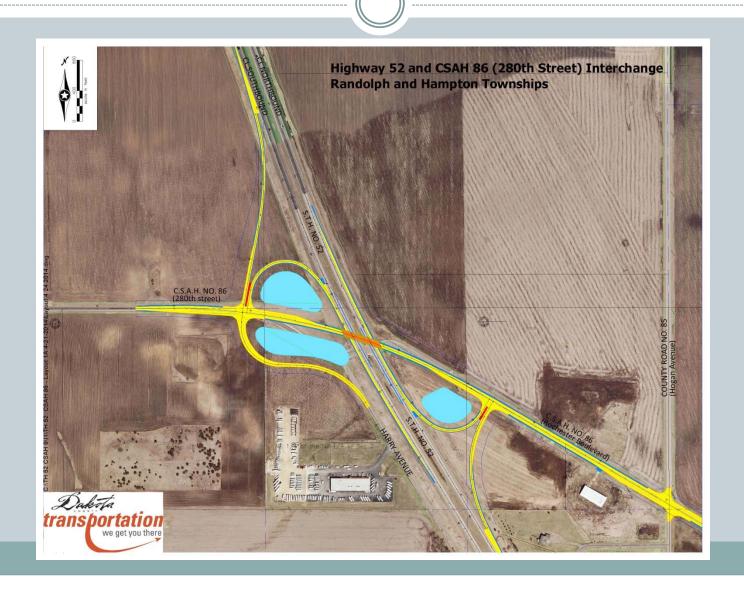


Consultants – How We Work

- Partnerships Role of the cities in Dakota County
- Typically Limit Proposals to 3-5 Firms
- Getting to know you is important to us
 - We're happy to meet to get to know you better
 - Typically will start with smaller projects with firms/teams we are getting to know
- Always open to suggestions!



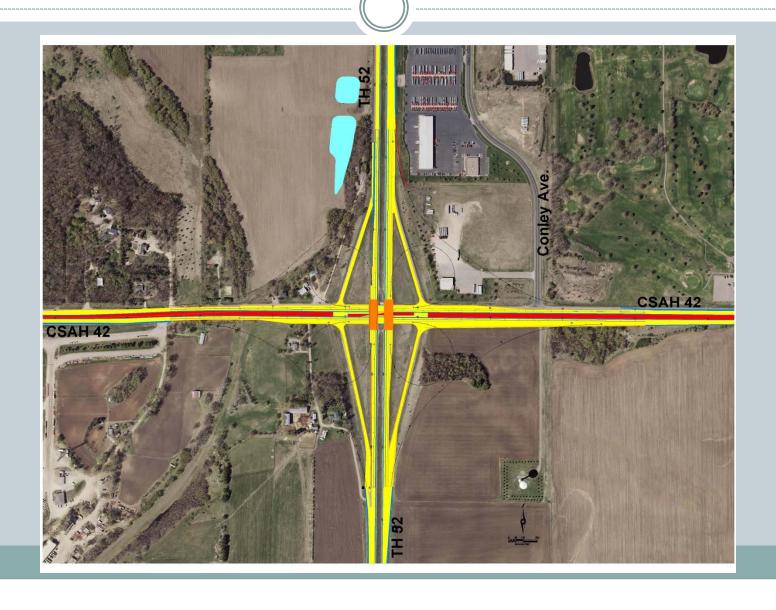
CSAH 86 & TH 52 Randolph Township (2016)



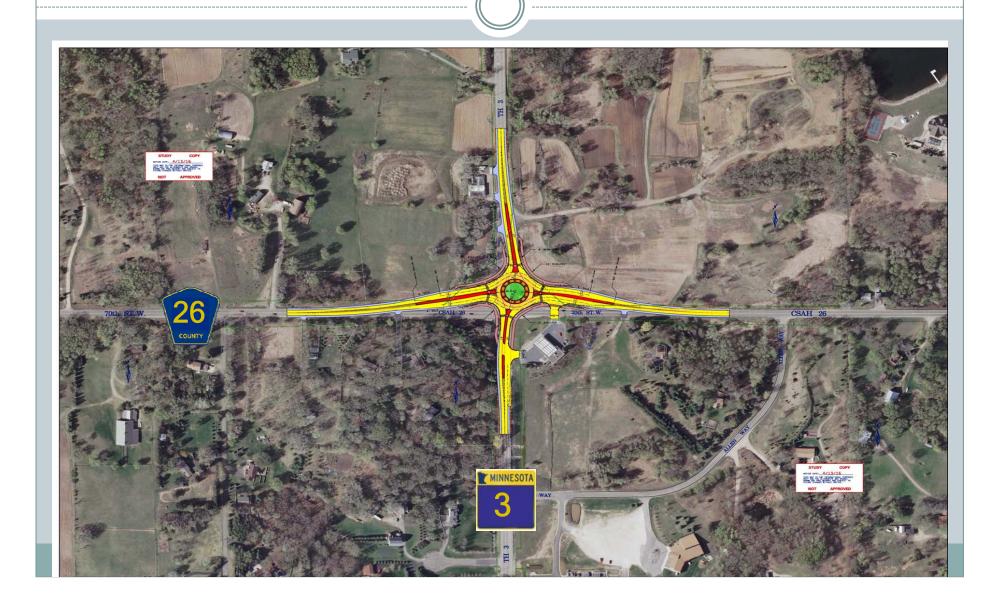
CSAH 14 (Southview Blvd) South St Paul (2017/2018)



CSAH 42 & TH 52 Rosemount (2017)



TH 3/CSAH 26 Roundabout Inver Grove Heights



CITY PROJECT 2014-11

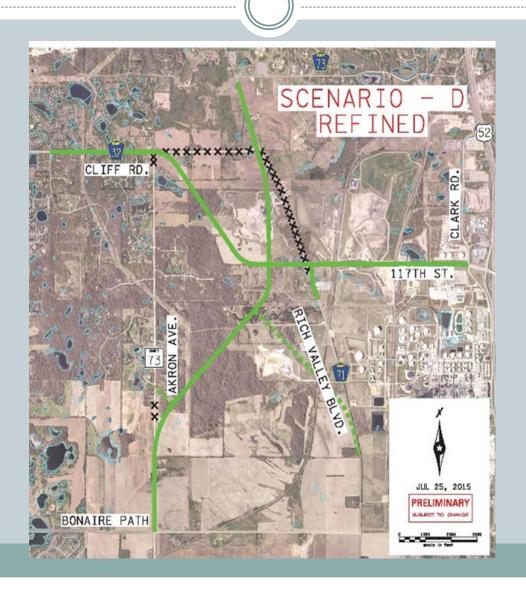
Argenta Trail Inver Grove Heights

- Long Term Plan adopted by Dakota County, Eagan, Inver Grove Heights
- Future Interchange on I-494
 between TH 149 & TH 3
- Coordination with developer determined through public involvement process
- Future environmental work through NEPA process

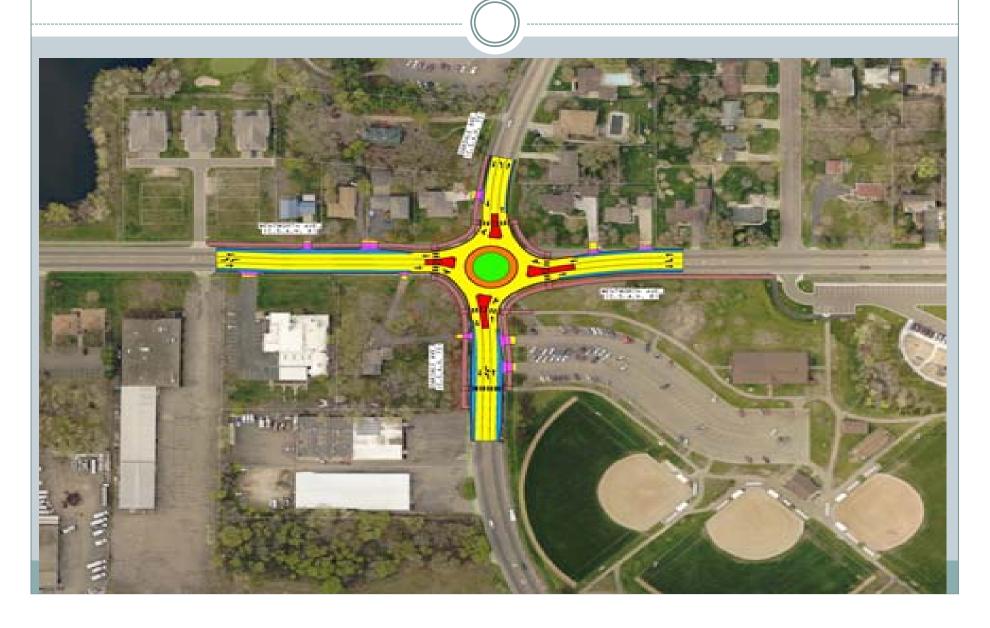
CSAH 26 Study: Eagan and Inver Grove Heights



Arterial Connector Study Inver Grove Heights/Rosemount



CSAH 8 & CSAH 73 Roundabout West St Paul



Construction Administration

2017 Construction

CSAH 8 & CSAH 73 Roundabout (West St Paul)

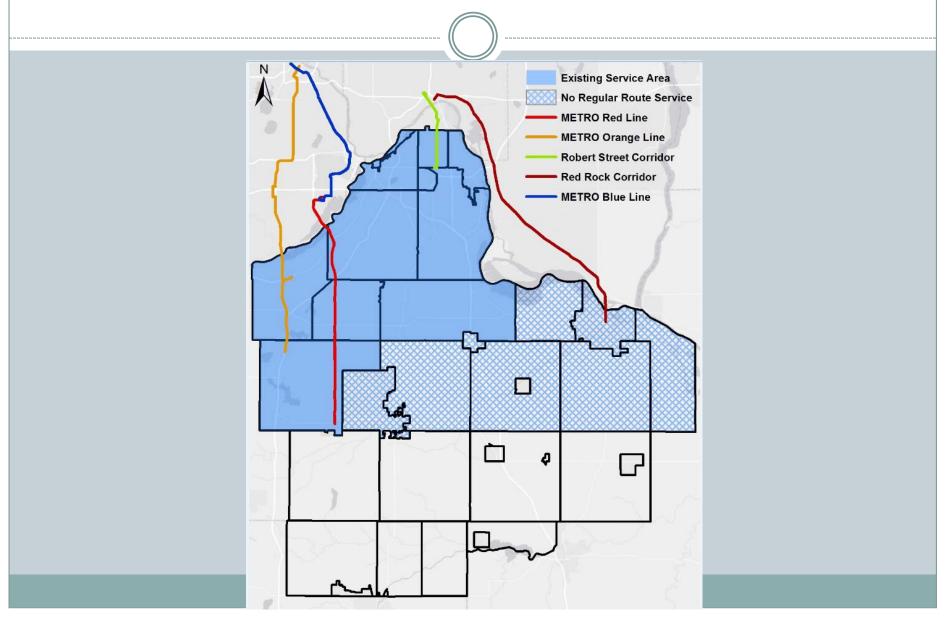
2018 Construction

- CSAH 26 & TH 3 Roundabout (IGH)
- CSAH 86: TH 3 to CSAH 47 (Townships)

Specific projects subject to change. Setaside for construction administration available.



East – West Transit Study



2016 - CSAH 42 Pedestrian Study Burnsville, Apple Valley, Rosemount

 Assess existing & future pedestrian crossing locations

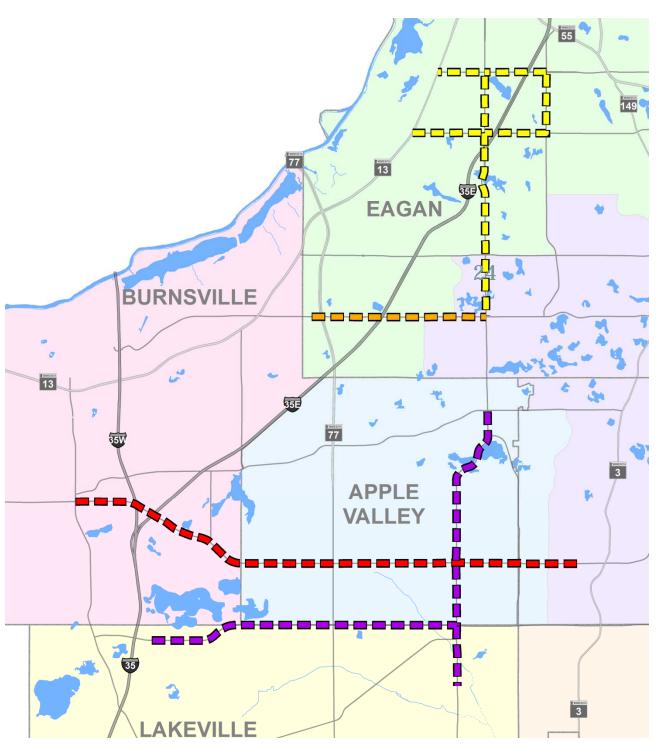
Implications Countywide



Future Studies Legend **Future Study Areas** 52/66 North-South Principal Arterial North-South Arterial Connection 117th Street 52/86 Hastings Area Roadway System East-West Principal Arterials Study Area #3 Study Area Prepared by: Dakota County Office of GIS, 9/2011.

2017 Future Principal Arterial Study

Dakota County 2030 Transportation Plan - Figure 46



2016-2020 Automated Traffic Management Systems

CSAH 32 CSAH 42

Future

CSAH 31,46 CSAH 26,28,31,43

Dakota County Facilities

2017

- Judicial Center Emergency Generator Replacement
- Judicial Center Tier III Data Center Improvements

2018

- Heritage Library Renovation (Lakeville)
- Pleasant Hill Library Renovation (Hastings)

Dakota County Parks

2017

- Whitetail Woods Master Plan
 - Dike Feasibility Study
- Judicial Center Tier III Data Center Improvements

2018

Thompson Park Master Plan

NOTE: Greenway Projects contingent on State Bonding and/or Regional Solicitation

Dakota County Parks, Lakes, Trails and Greenways Vision, 2030

What's New?

GREAT PLACES: Destination Parks

- * New Regional Park in Vermillion Highlands
- * More things to do in parks
- Winter activity area
- Gathering and celebration areas
- Swimming and water play areas
- * More popular "park basics"
- Enhanced picnicking
- Biking and accessible trail loops

CONNECTED PLACES: Greenway Trails

- * "Bring parks to people" -- Linear parks connect parks, schools, lake trails, playgrounds, libraries, and the Minnesota and Mississippi Rivers.
- * Walking, biking, and in-line skating
- Public agencies work together to create 200 miles of greenways using mostly publicly-owned land.

PROTECTED PLACES: Green Infrastructure

- * Enhance and protect park resources
- * Protect stream corridors in public/private partnerships
- * Protect natural areas and open space in public/private partnerships

DAKOTA COUNTY PARK SYSTEM and COLLABORATIVE OPEN SPACE PROTECTION



Federal, State, and Other Regional Open Space

Existing and Planned Regional Greenways

Regional Status Discussion with Metropolitan Council

Example City Greenways (route concepts)

Stream Conservation Corridors and Greenways

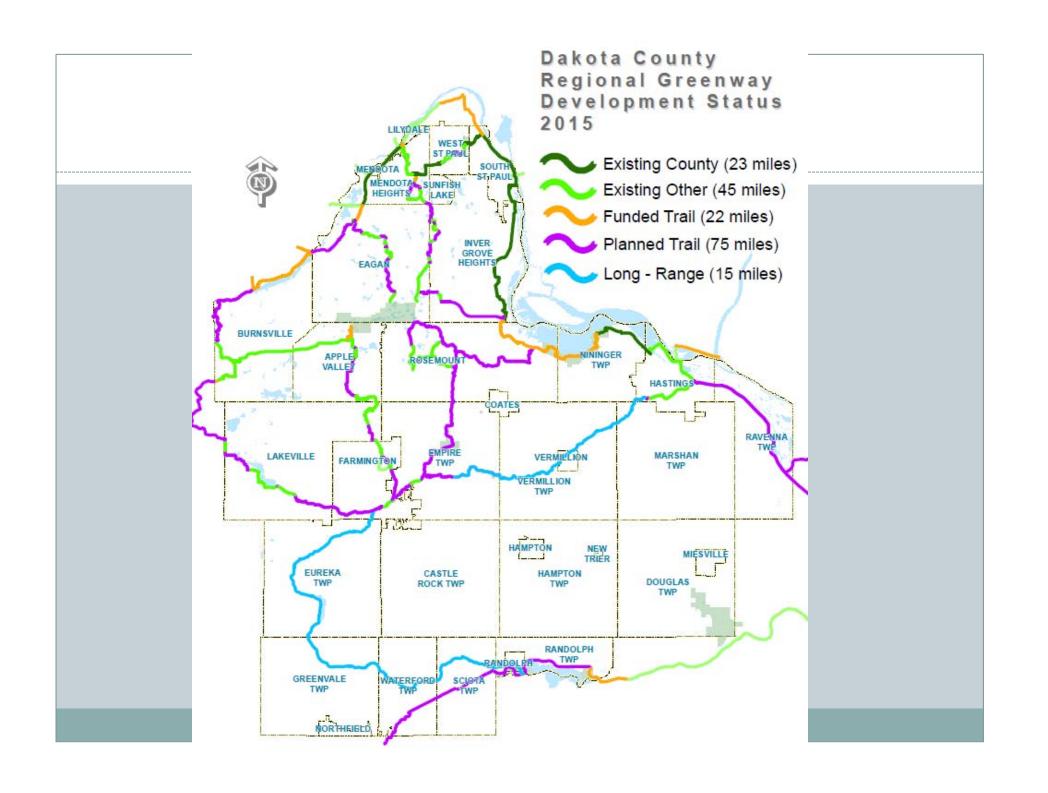
Destinations: City Parks, Schools, Lakes, Libraries

Privately-Owned Protected Farmland (FNAP)

Private/Public Protected Natural Areas (FNAP)

Potential Rail to Trail Opportunities





Dakota County Contacts

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