



RAMSEY COUNTY

Ramsey County Board Workshop:

2020 – 2024 Transportation Improvement Program (TIP)

Economic Growth and Community Investment (EGCI) Service Team
and Public Works

March 10, 2020

Estimated Start: 9:45 a.m.

220 Courthouse, Large Conference Room

Agenda

1. Introduction

Johanna Berg,
Deputy County Manager,
EGCI

2. 2020-2024 Transportation Improvement
Program

Ted Schoenecker,
Director, Public Works

2020-2024 Transportation Improvement Program (TIP)

Board Workshop

March 10, 2020

Agenda

- Introduction
 - 2019 Recap of Projects
 - 2020 Projects
 - 2021-2024 Projects in Development
 - Themes/Direction
-

County Transportation System Overview

- 293 centerline miles
 - 842 lane miles
- Average Daily Traffic (ADT): 100 to 34,000+ vehicles per day (vpd)
 - Average ADT 9,500 vpd
- 57 bridges
- 297 miles of sidewalks / trails along county roads
- 21 miles of bicycle lanes on county roads
- Over 30,000 signs
- 365 signal systems
- Over 9,000 drainage structures/systems
- 4 Transitways
 - Green Line
 - Gold Line
 - Rush Line
 - Riverview

Transportation Capital Funding (1 year)

Source	Amount
County State Aid Highway (CSAH) Construction	\$12,800,000
Wheelage Tax	\$7,600,000
County Capital Improvement Program (CIP)	\$2,000,000
County Turnback (from flex highway account)	\$1,100,000
Regional Railroad Authority Levy	\$8,200,000
Transit Sales Tax (1/2% of 1 cent)	\$42,000,000
Other Agencies (i.e. cities, MnDOT, watersheds, etc.)	Approx. 10-15% of construction costs
State (i.e. GO bonds)	Varies
Federal	Varies

2020-2024 TIP Estimated Project Costs

	2020	2021	2022	2023	2024	Total
Roadways, bridges, sidewalks	\$51.3	\$63.1	\$52.7	\$38.7	\$53.7	\$259.5
Transitways	\$62.2	\$52.2	\$154.0	\$144.0	\$294.7	\$707.2
Total	\$113.5	\$115.3	\$206.7	\$182.7	\$348.4	\$966.7

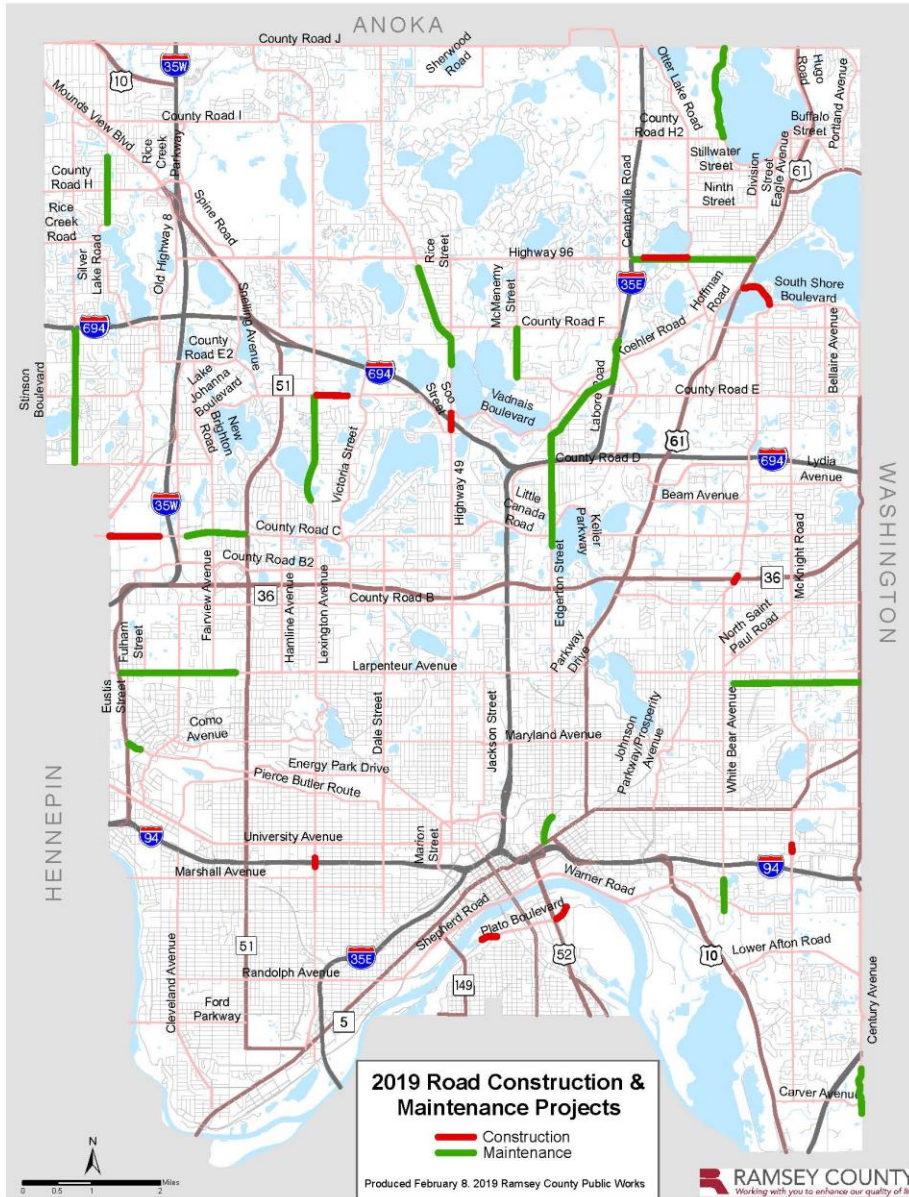
Amounts shown are in millions

2020-2024 TIP Overprogrammed – County Road and Bridge Funding

	2020	2021	2022	2023	2024	Total
Roadways, bridges, sidewalks costs	\$22.5	\$41.4	\$27.0	\$19.0	\$27.6	\$137.5
CSAH, Wheelage, County Bond Funding	\$21.4	\$21.4	\$21.4	\$21.4	\$21.4	\$107.0
Under / Over Programmed	-\$1.1	-\$20.0	-\$5.6	\$2.4	-\$6.2	-\$30.5

Amounts shown are in millions

2019 Transportation Projects



2019 Transportation Projects Recap

Reconstruction

- County Road C- CSAH 88 to Long Lake Road
 - Concrete pavement
 - 3 traffic signals
 - Trail
- Rice Street / I-694 - Country Dr. to Vadnais Blvd.
 - 3 roundabouts
 - 3 bridges

Pavement Preservation

- 12 separate locations
- 14.5 miles of bituminous road resurfaced
- 4.5 miles of concrete roads rehabbed
- 4 roads striped with bike lanes
 - Larpenteur Ave.- Hazel St. to McKnight Rd.
 - Payne Ave.- 7th St. to Edgerton St.
 - Edgerton St.- Little Canada Rd. to CR H2
 - Long Lake Rd.- Rice Creek to CR H2
- 13 accessible signals
 - Silver Lake Rd- CR E, Windsor Ln., 3rd St., 5th St., 7th St.
 - County Road C- CSAH 88, Walnut St., Long Lake Rd., Fairview Ave., Lincoln Dr.
 - Larpenteur Ave.- Cleveland Ave., Gortner St.
- 133 pedestrian ramps

2019 Transportation Projects Recap



Photos – Mill and overlay with bike lanes, concrete rehab, County Rd C, Rice/694

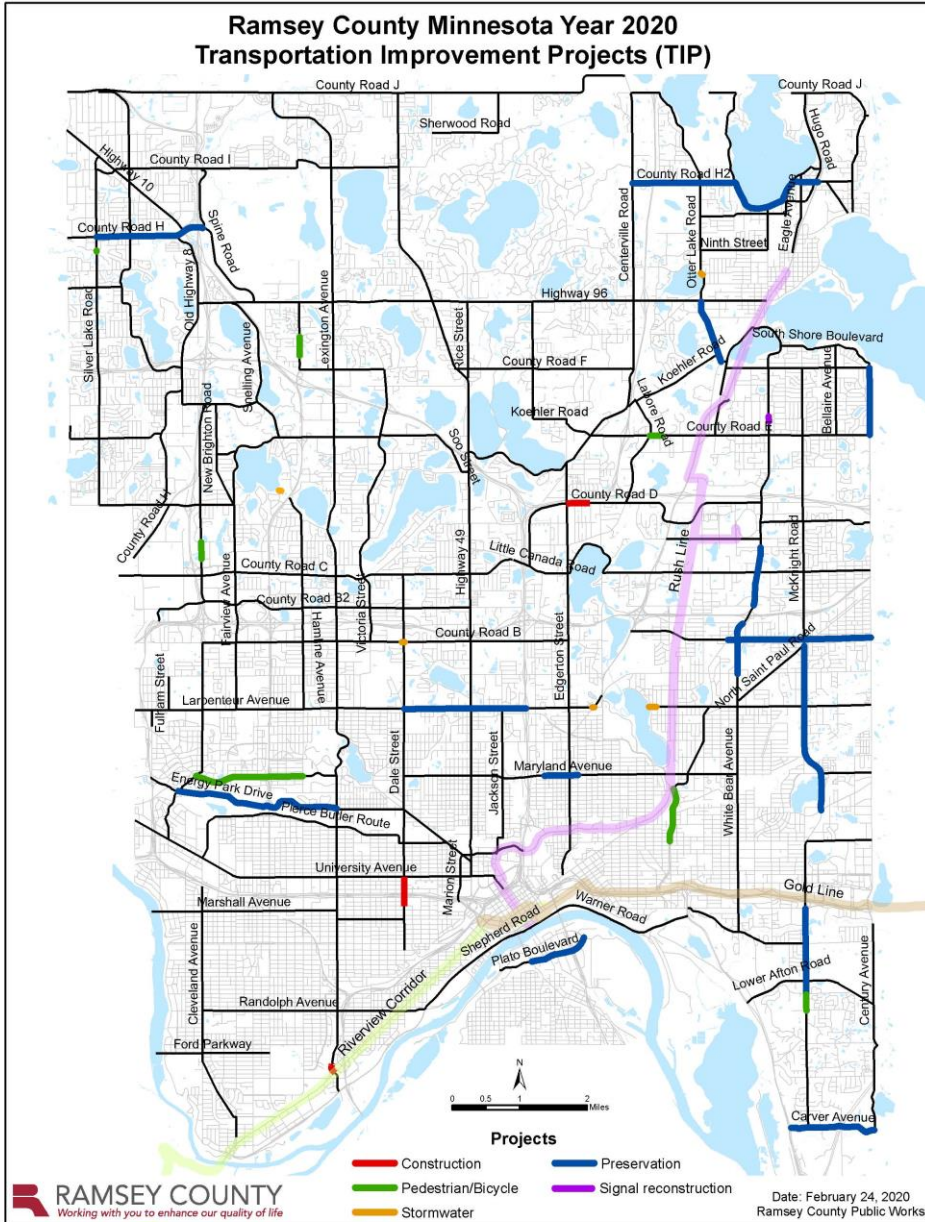
2019 4-Lane to 3-Lane Pilot Projects



Maryland Ave from
Arkwright St to Payne Ave

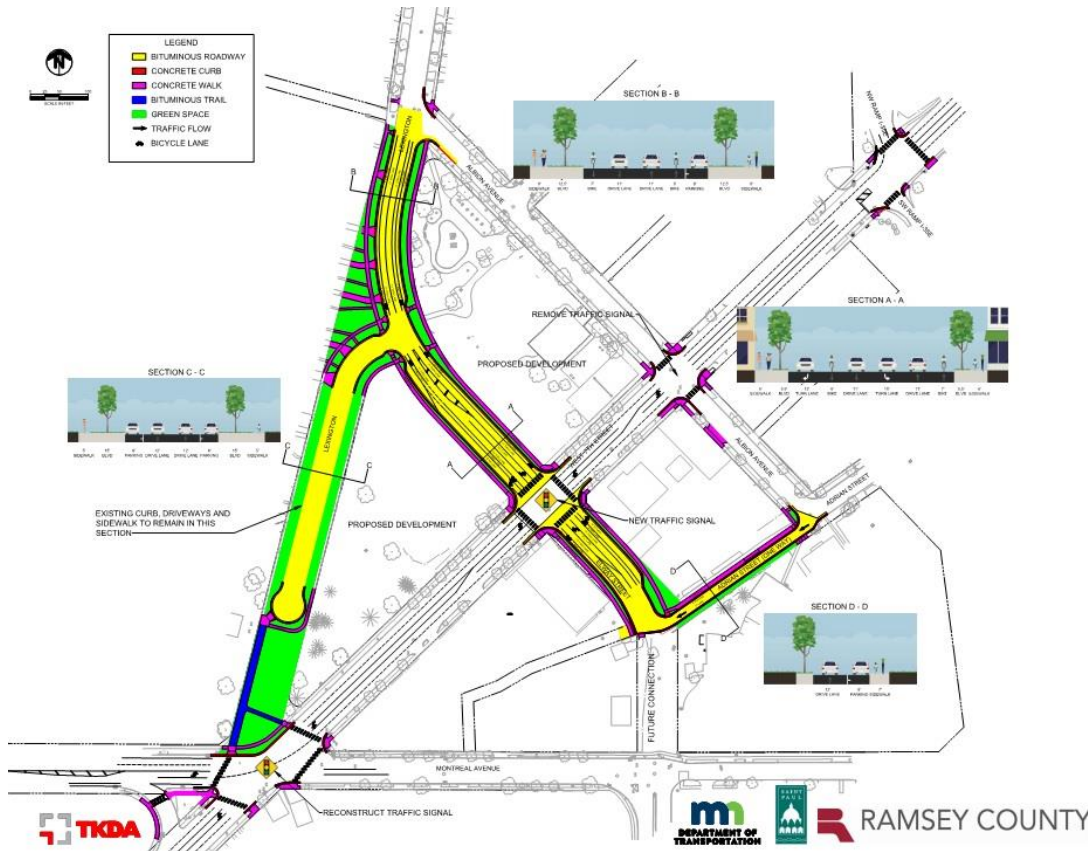
Larpenteur Ave from
Dale St to Rice St





2020 Transportation Projects

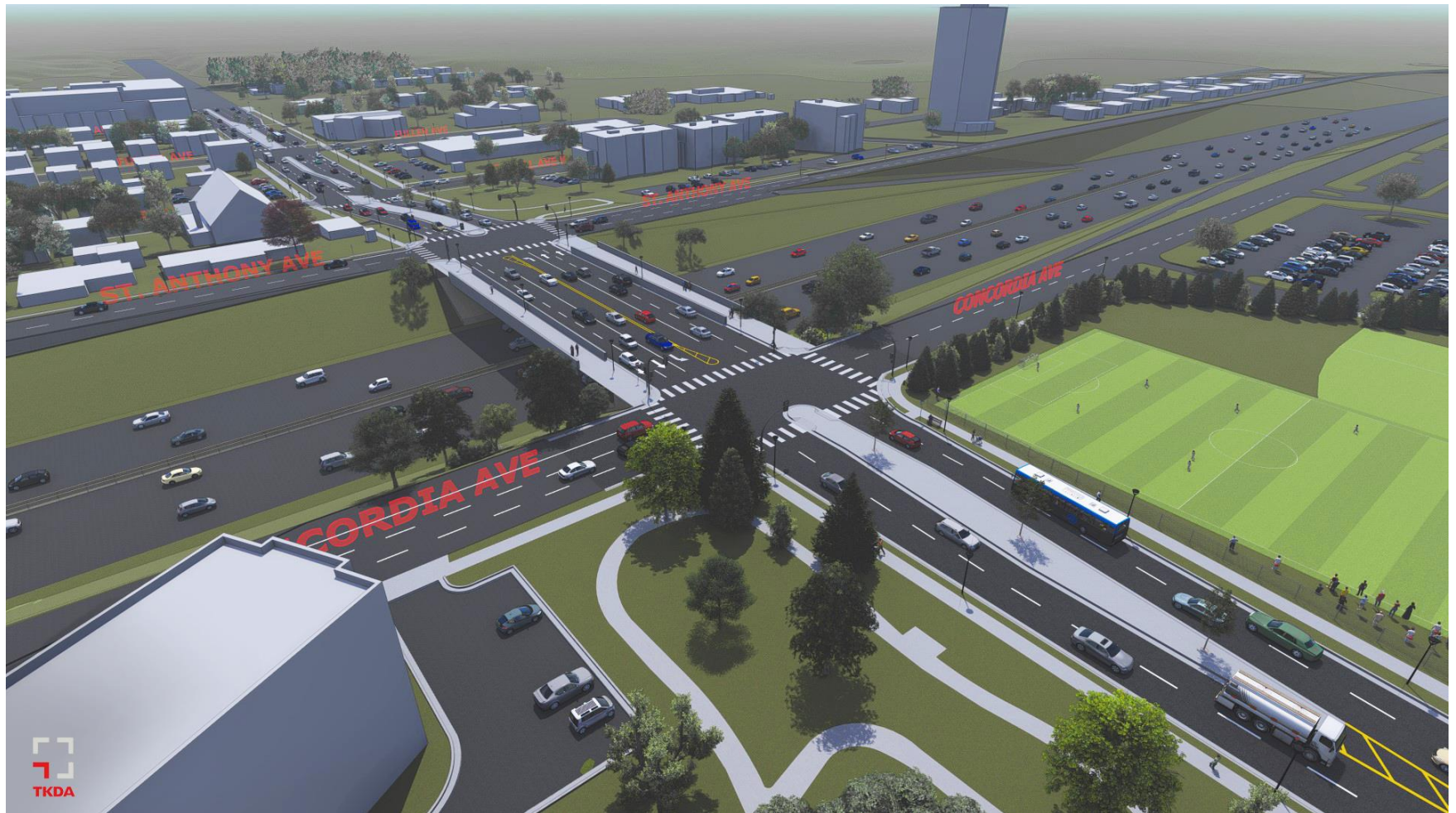
- 3 reconstruction
- 15 pavement preservation
 - 6.7 mi. bike lanes
- 8 sidewalk / trail
- Various stormwater
- 3 transitways

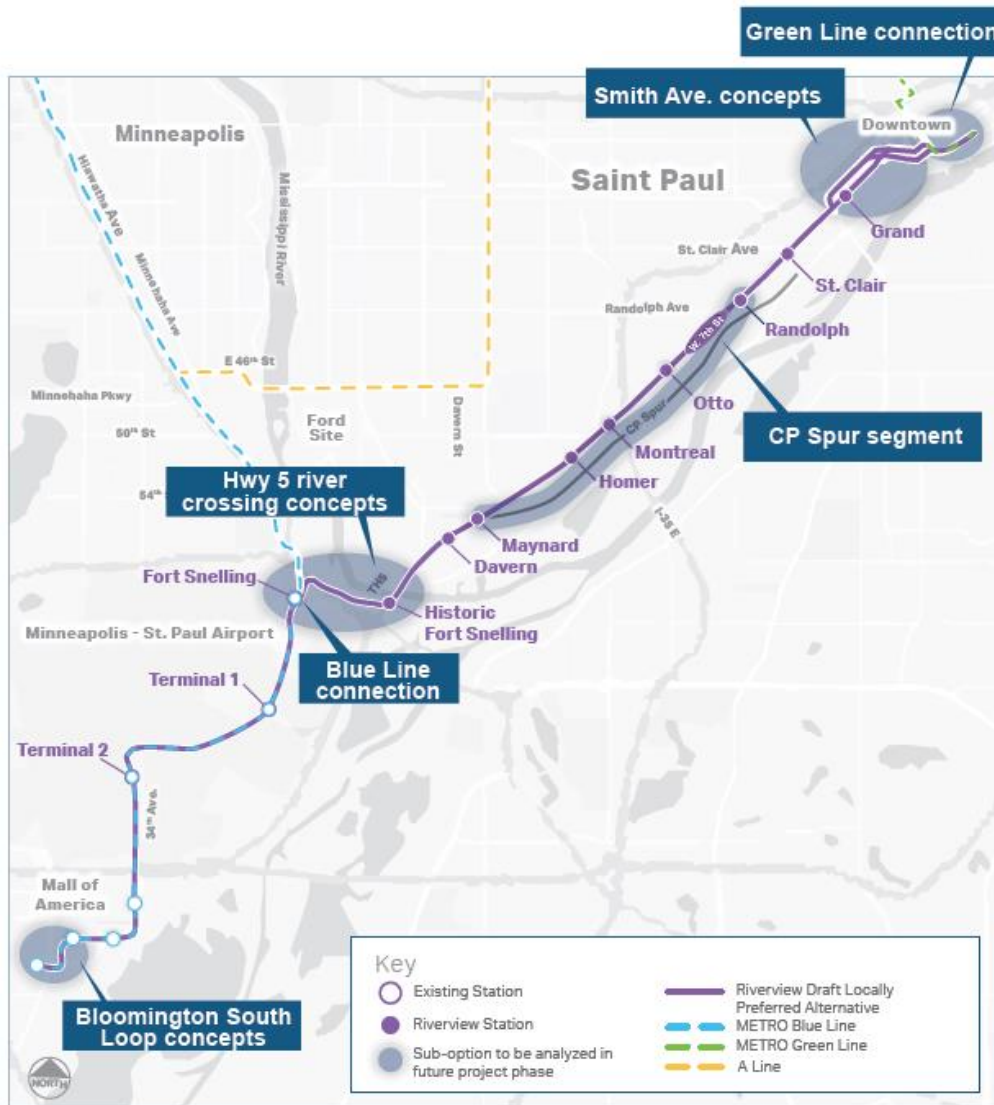


Lexington Pkwy at West 7th Street St Paul

- Realign Lexington Pkwy to Elway St
- Cul-de-sac old Lexington Pkwy at Montreal Ave
- Remove traffic signal at Albion Ave

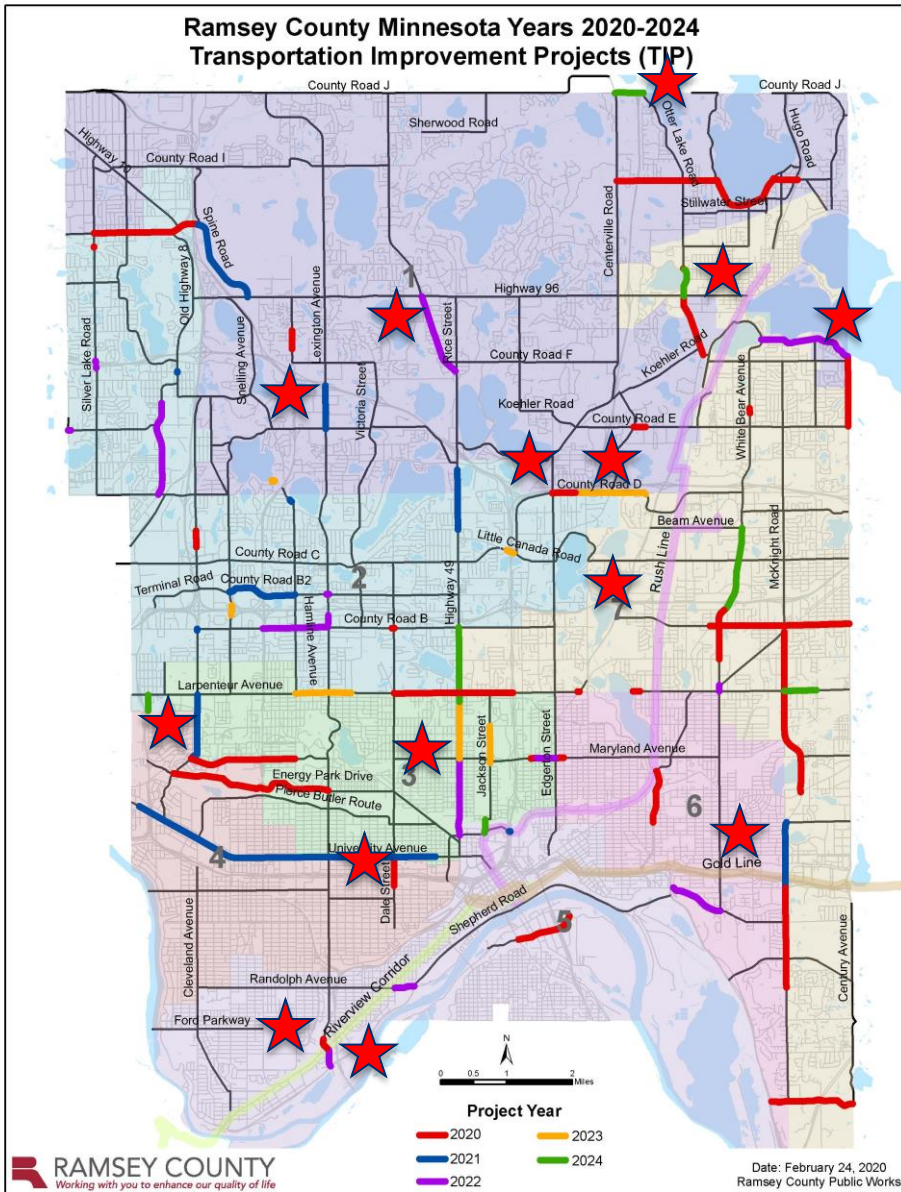
Dale St / I-94 – St Paul





Riverview Corridor

- Riverview Engineering and Pre-Environmental (EPE) Analysis
- Riverview Communications and Community Engagement for EPE
- Riverview Cultural Resources Analysis for EPE Analysis Phase
- Riverview Station Area Planning for EPE



2020-2024 Transportation Improvement Program

= Reconstruction Projects

2021-2024 Notable Projects

- Cleveland Ave from Raymond Ave to Larpenteur Ave
- County Rd D from Greenbrier to County Rd D Ct
- County Rd J / I-35E
- Hodgson Rd from Gramsie to County Rd 96
- Lexington Ave from County Rd E to I-694
- Lexington Pkwy Extension from W 7th St to Shepard Rd
- Otter Lake Rd from County Rd 96 to 4th St
- Rice St from Pennsylvania to County Rd B – multiple phases
- South Shore Blvd from White Bear Ave to County Rd F
- Gold Line – Construction in 2022
- Rush Line – Construction in 2024
- Riverview – Engineering and Pre-environmental in 2020

2020 Themes / Direction

- Safety
- Construction Certified Small Business Enterprise (CERT SBE) Contractors and Workforce Goals
- Integrated Planning

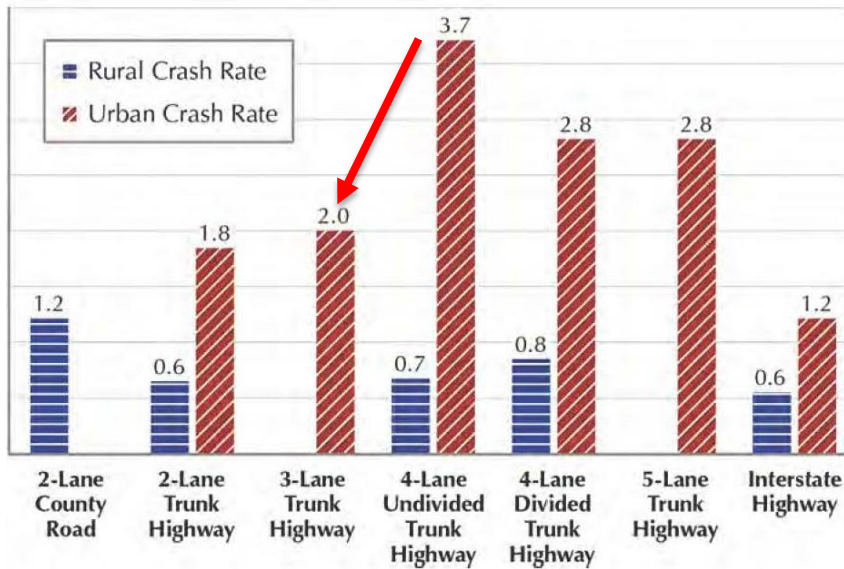
Safety



Safety Performance

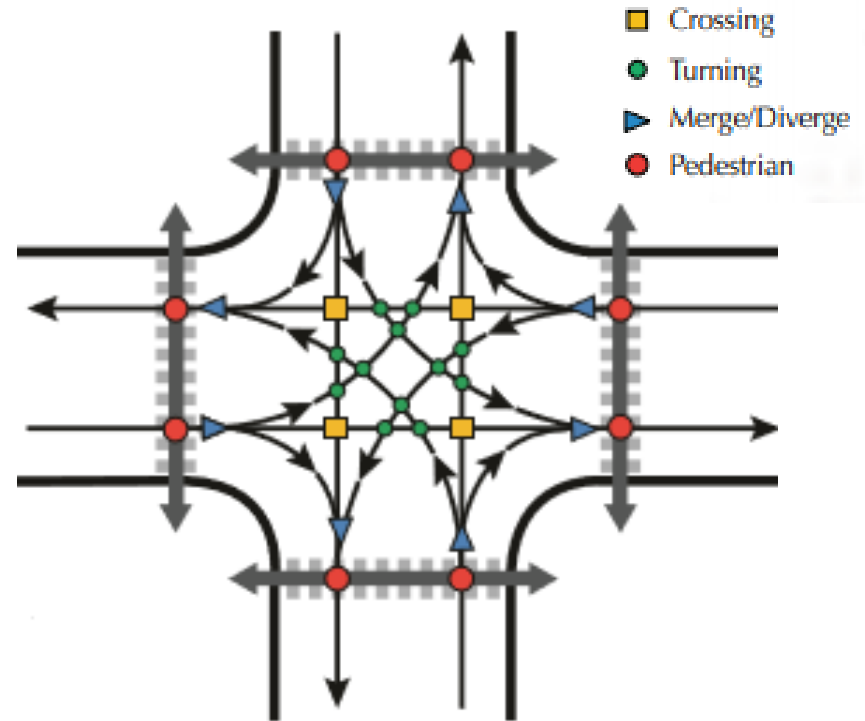
COUNTY	Rates				
	CRASHES Total	BY VEHICLE MILES TRAVELED		BY POPULATION	
		Fatalities (per 100 MVMT)	Crashes (per MVMT)	Fatalities (per 100K pop.)	Crashes (per 100K pop.)
RAMSEY	16,847	0.5	3.5	5.0	3,231.9
HENNEPIN	28,381	0.7	2.8	5.5	2,356.9
DAKOTA	8,674	0.5	1.7	6.4	2,139.0
WASHINGTON	3,066	0.5	1.4	4.9	1,256.0
SHERBURNE	1,888	1.3	1.4	18.9	2,103.2
CARVER	1,661	1.6	1.4	20.2	1,763.0
BLUE EARTH	1,114	1.3	1.4	15.5	1,721.3
BENTON	751	2.5	1.4	35.9	1,926.6
OLMSTED	1,958	0.7	1.3	7.5	1,328.1
LE SUEUR	639	2.3	1.3	39.7	2,305.4
STEARNS	3,322	0.6	1.2	11.2	2,189.4
GOODHUE	697	3.0	1.2	38.8	1,504.2
STEELE	680	1.4	1.2	21.9	1,864.4

Systemwide Safety Contributors



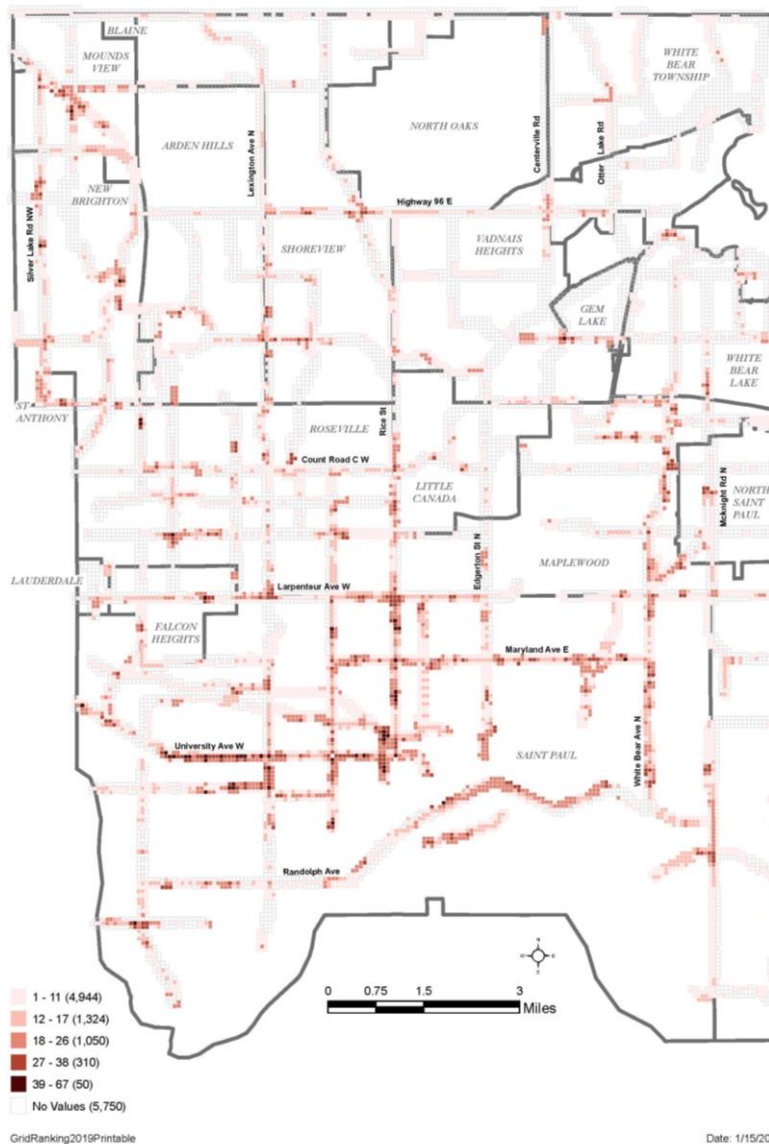
*a County Road Safety Plans, Data 2007-2011
DOT Crash Data Toolkit, 2009-2013*

4-Lane to 3-Lane Conversion



Access Management

High Volume Pedestrian Crossing Study
for preliminary discussion



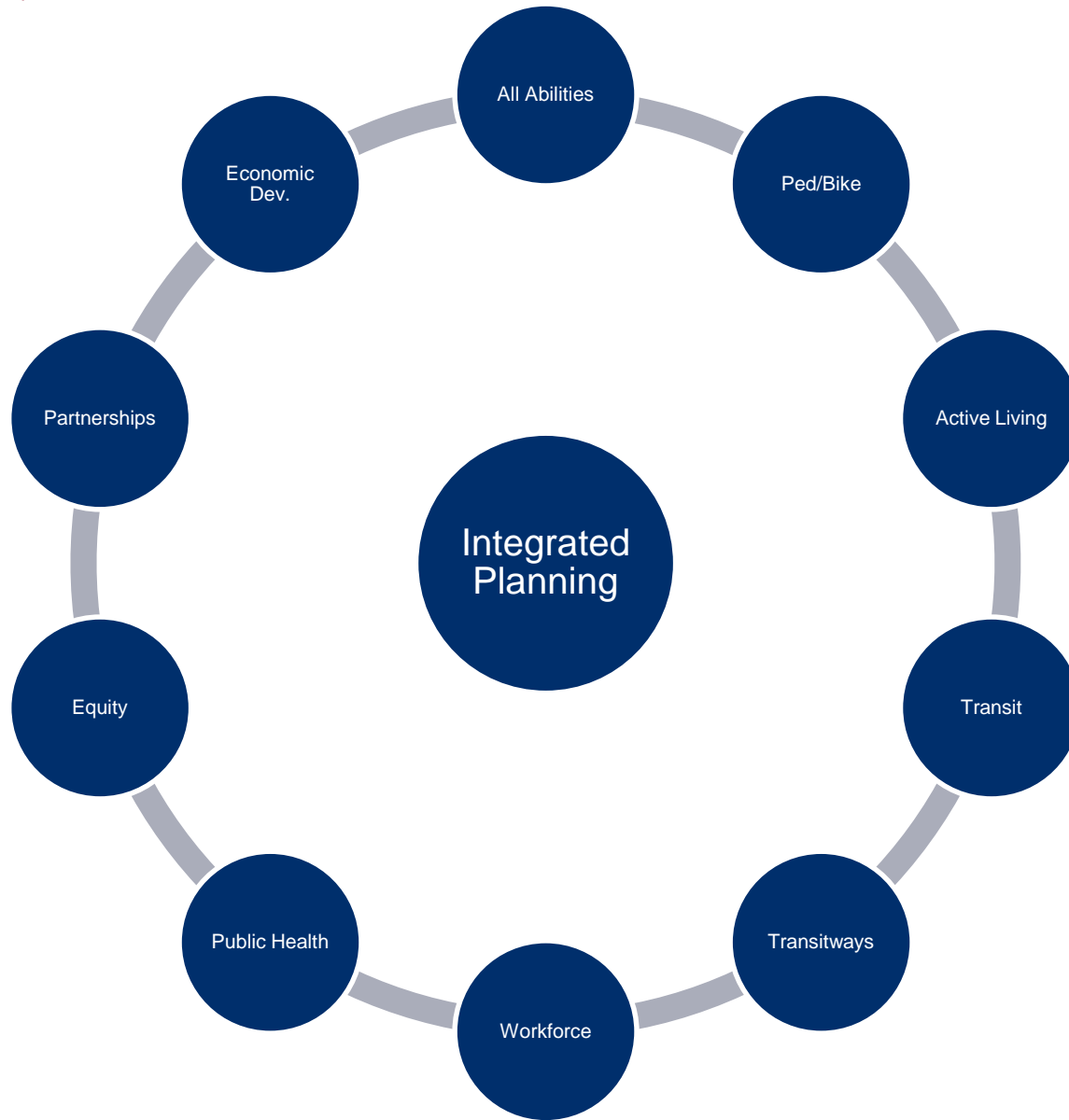
Safety – Pedestrian Crossing Priority

- Schools
- Shopping Centers
- Number Multi-Family Housing Units
- Park
- Grocery Store
- Pedestrian Crashes
- Nursing Homes
- Medical Clinic/Hospital
- Poverty Measurement
- 4 Lane Roadway
- Transit Boarding

Contracting and Workforce Inclusion

- CERT SBE/SMBE/SWBE/SWMBE construction contracts
 - Debundling of Americans with Disabilities Act (ADA) Ramp construction. More manageable project. Request quotes from minority and woman owned SBE's
- Workforce goals in contracts
 - Goals, not requirements
- Consultant contracts
 - Use of CERT SBE consultants as prime
 - Use of CERT SBE sub consultants
 - Use of community representatives
- Reporting of data
- Partnering with Workforce Solutions
- Examples
 - Dale / I-94 – construction inspection consultant
 - Dale / I-94 – construction contract and work with Workforce Solutions
 - Rice Street Visioning Study
 - Job fair participation / Young Adult Career Academy

SMBE – Small Minority Business Enterprise
SWBE – Small Woman Business Enterprise
SWMBE – Small Woman Minority Business Enterprise



On-Going/Future Items for Public Works

- 4-Lane to 3-Lane Study of County Roads
- Access Management Guideline/Policy Development
- CERT SBE Spending and Workforce Goals
- Asset Management Implementation
- All Abilities Transportation Network Policy implementation
- St Paul Maintenance Agreement of County Roads
- Refined project selection for projects included in future TIP's
- Fleet management and energy governance
- Continuing to do awesome work

2020-2024 Transportation Improvement Program - Submission to Board for Approval March 17, 2020

