



Board Workshop / Discussion Agenda

15 West Kellogg Blvd.
Saint Paul, MN 55102
651-266-9200

March 7, 2023 - 1:30 p.m.

Courthouse Room 220

WORKSHOP

1. 2023 - 2027 Transportation Improvement Program

[2023-059](#)

Sponsors: Public Works

Board Workshop / Discussion

Request for Board Action

Item Number: 2023-059

Meeting Date: 3/7/2023

Sponsor: Public Works

Title

2023 - 2027 Transportation Improvement Program

Attachment

1. Presentation

2023-2027 Transportation Improvement Program

March 7, 2023

Agenda

1. Introductions

- Johanna Berg, Deputy County Manager, ECGI

1. Overview

- Brian Isaacson, Director of Public Works

2. Presentation

- John R. Mazzitello, Deputy Director of Public Works & Interim County Engineer

3. Discussion and Questions – All

Presentation Topics

- Transportation System Overview and Funding
- 2022 Recap of Projects
- 2023 Upcoming Projects
- 2023-2027 Projects in Development
- Transportation Funding Sources
- On-Going & Future Initiatives

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
- 60 county owned bridges
- 300+ miles of sidewalks / trails along county roads
- 25+ miles of bicycle lanes on county roads
- Over 30,000 signs
- 413 traffic signal systems
- 30+ rectangular rapid flashing beacons
- Over 12,000 drainage structures/systems
- 4 Transitways
 - Green Line
 - Gold Line
 - Purple Line
 - Riverview

Transportation Capital Funding Revenue (1 year)

Source	2022	2023
County State Aid Highway (CSAH) Construction	\$12,100,000	\$13,264,832
Wheelage Tax	\$6,800,000	\$6,122,000
County Capital Improvement Program (CIP)	\$2,000,000	\$2,000,000
County Turnback (from flex highway account)*	\$0	\$0
Motor Vehicle Leased Sales Tax (MVLST)	\$0	\$0
Regional Railroad Authority Levy	\$29,598,065	\$30,408,198
Transit Sales Tax (1/2% of 1 cent)	\$43,000,000	\$44,829,000
Other Agency (cities, MnDOT, watersheds, etc.)	10-15% of construction costs	10-15% of construction costs
State (i.e. General Obligation bonds)	Varies	Varies
Federal	Varies	Varies

- Available Fund Balance

2022-2026 TIP Estimated Project Costs

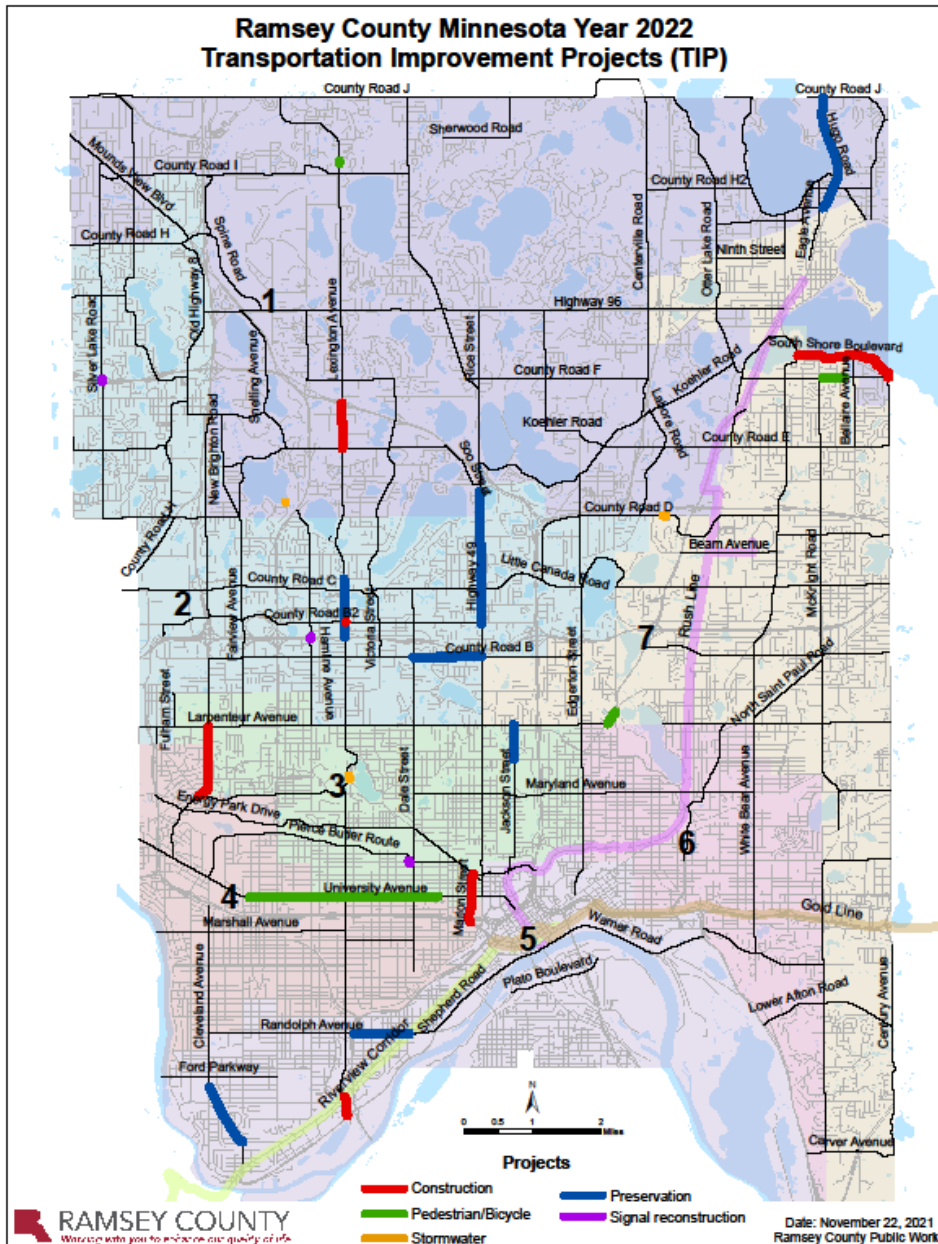
	2023	2024	2025	2026	2027	Total
Roadways, bridges, sidewalks	\$32,822	\$55,020	\$64,360	\$37,250	\$78,405	\$269,977
Transitways	\$209,473	\$233,811	\$158,237	\$213,834	\$213,834	\$1,029,189
Total	\$242,295	\$288,831	\$222,597	\$251,084	\$292,239	\$1,299,166

Amounts shown are in thousands

2022

Transportation Projects

- Busy & Complicated Year
 - Larger pavement preservation projects
 - Supply Chain, Utility, & Labor Issues
- Infrastructure priorities
 - Pavement preservation
 - Stormwater management
 - Traffic signal infrastructure
 - Corridor studies
- CSAH/County Road Assessment Completed
- 2050 All Abilities Transportation Plan



2022 Transportation Projects Recap

Reconstruction

- South Shore Boulevard*
- Lexington Ave (County Road E to I-694*)
- Cleveland Avenue (Como Ave to Larpenteur Ave)*
- County Road B2 at Lexington

* To be completed in 2023

Stormwater

- Various culvert replacements

Pavement Preservation

- 8 separate locations
- 8 miles of bituminous road resurfaced
- 2.25 miles of bike lanes
- 2 accessible signals
- 111 ADA ramps

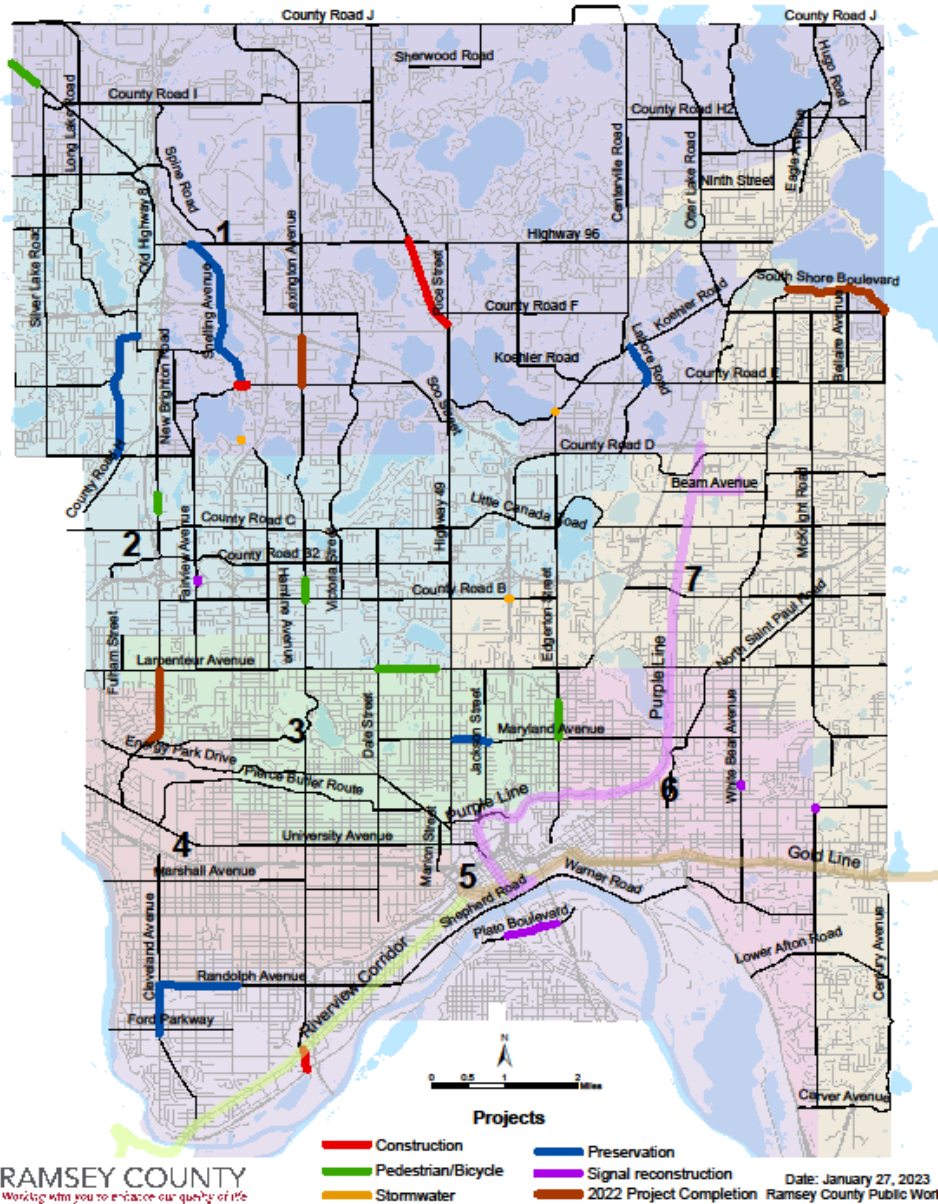
Pedestrian / Bicycle

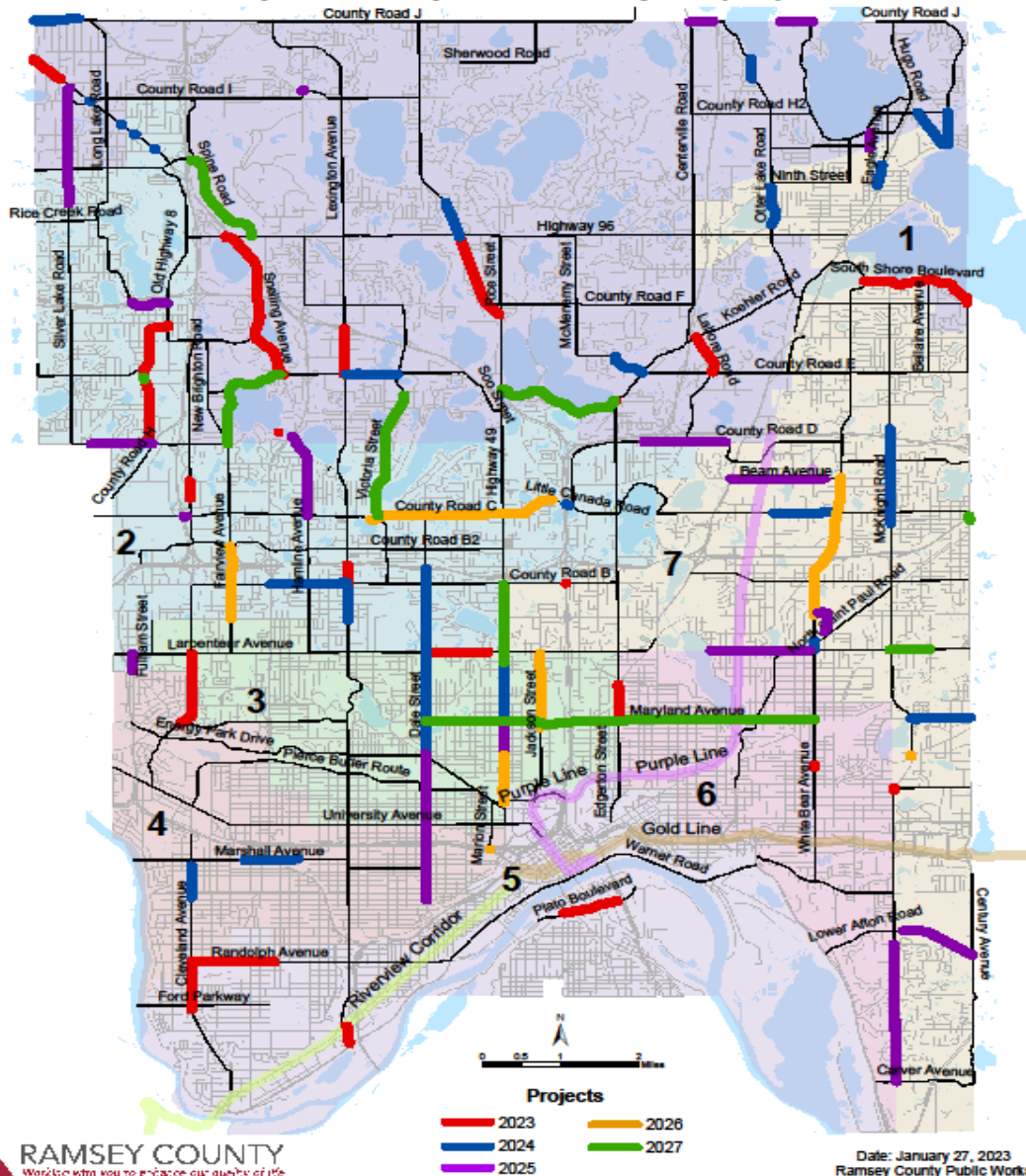
- 6 separate locations
- 1 Pedestrian refuge median
- 19 Rectangular Rapid Flashing Beacons (RRFBs)

2023 Transportation Projects

- 2022 Project Completion
- County Road E (at Old Snelling)
- Hodgson Road (Gramsie St to Hwy 96)
- Lexington Pkwy (Shepard Rd to W. 7th St – Phase II)
- 2050 All Abilities Transportation Plan
- Local Project Solicitation for 2025 Construction Year
- 2 projects moved to 2024 to accommodate 2022 Project Completion

**Ramsey County Minnesota Year 2023
Transportation Improvement Projects (TIP)**





2023-2027 Transportation Improvement Program

Transportation and Transit Funding Sources for Local Agencies

- Federal funding
- State funding
- County funding
- Regional Rail Authority
- Local / Other funding

Federal Funding for Transportation - Infrastructure Investment and Jobs Act (IIJA)

- New discretionary grants and grant programs (including, but not limited to)
 - Bridge Investment Program (in addition to bridge formula program)
 - Safe Streets and Roads for All (vision zero)
 - Congestion Relief
 - Electric Charging and Fueling Infrastructure
 - Rural Surface Transportation
 - Reduction of Truck Emissions
 - PROTECT Program (Anti-Defamation League)
 - Healthy Streets
 - Reconnecting Communities
 - Wildlife Crossings
 - Culverts
 - Strengthening Mobility and Revolutionizing Transportation
 - Climate Change
 - Resiliency
 - Equity

State Funding for Local Transportation

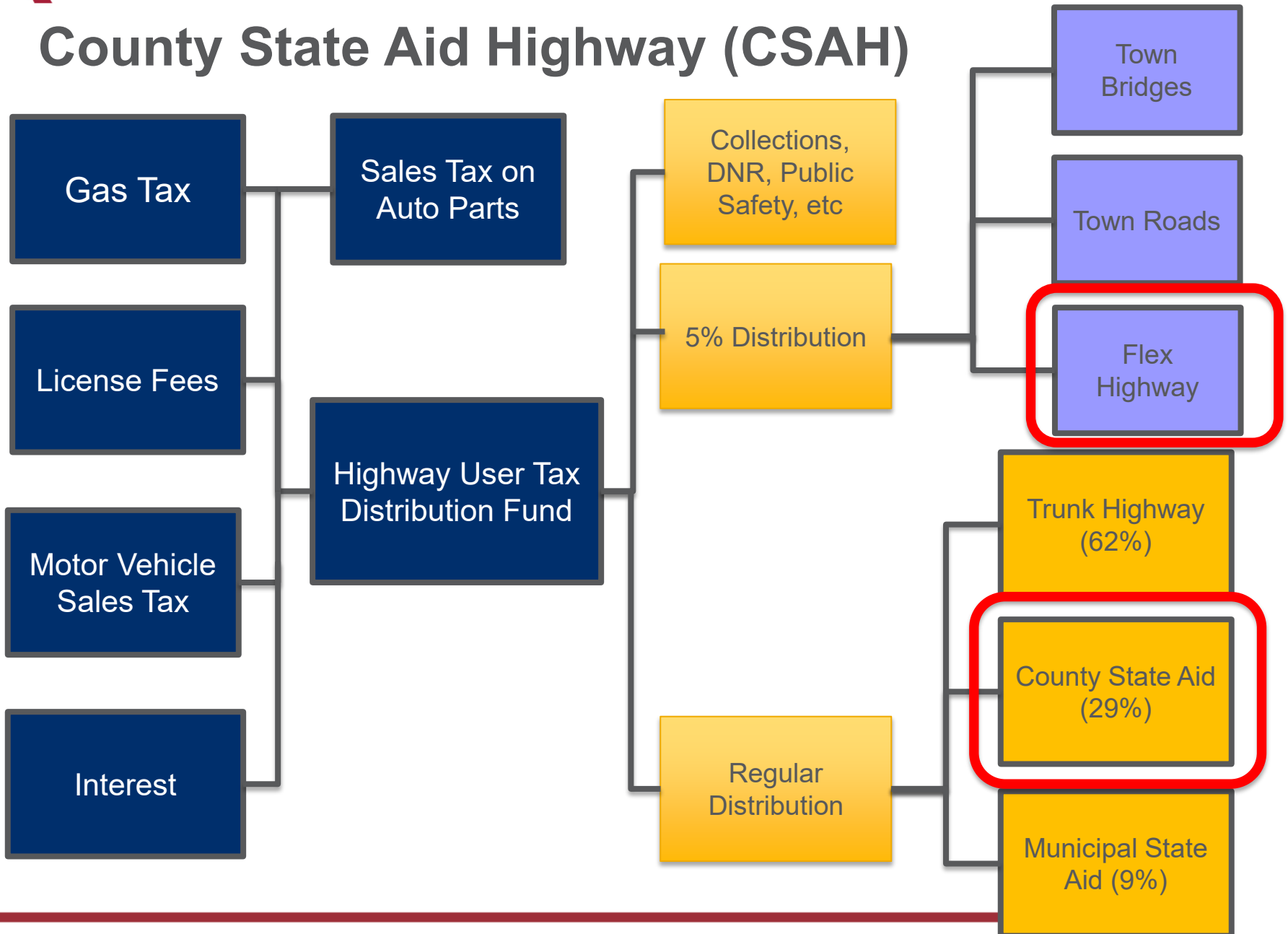


- General Obligation (GO) Bond Funds or General Funds
- Transportation programs via statutes
 - Local road improvement program (competitive)
 - Local bridge replacement program (first-in, first-out)
 - Safe Routes to School (competitive)
 - Active Transportation Program (competitive)
- Direct appropriation from legislature

County Funding for Transportation

- CSAH Funds
- Wheelage Tax
- Regional Railroad Authority Levy
- Local Option Sales Tax for Transportation and Transit
- CIP Bond Funds
- Motor Vehicle Leased Sales Tax

County State Aid Highway (CSAH)



County Wheelage Tax



- Counties given authority to adopt tax for transportation
- Tax per registered vehicle in the county in which it resides
- Ramsey County Board adoption in 2013 (\$10) and 2017 (increased to \$20)
- Priorities of pavement preservation, ped/bike, ADA, traffic signals, drainage, bridge maintenance, roadway appurtenances
- Capital and operating budgets

Regional Railroad Authority (RRA) Levy



- Ramsey County RRA was created in 1987
- Dedicated to a long-range vision of transit services to meet changing needs for today and for subsequent generations
- Primary focus on Green Line, Gold Line, Purple Line, and the Riverview Corridor
- Capital and operating budgets

Local Option Sales Tax (LOST) for Transportation and Transit

- Counties given authority to adopt 0.5% sales tax and \$20 per motor vehicle
- Must identify specific projects for use of funds
- Ramsey County Board adoption in 2008 as part of Counties Transit Improvement Board (CTIB) and then in 2017 as part of CTIB dissolution
- Primarily capital budget
- Adopted uses include: Green Line; Gold Line; Purple Line; Riverview Corridor; Pedestrian, bike and trail projects; and any project included in the TIP

Capital Improvement Program (CIP) Bond Funds

- \$2M annually for pavement preservation

County	2022 Pavement Quality Index (PQI)
Anoka	69
Dakota	70
Carver	74
Hennepin	65
Ramsey	61
Scott	71
Washington	68

Motor Vehicle Leased Sales Tax (MVLST)

- Created in 2008
- Distribution
 - 38% to the county state-aid highway fund;
 - 38% to the greater Minnesota transit account;
 - 13% to the Minnesota state transportation fund; and
 - 11% to the highway user tax distribution fund.
- 38% to CSAH fund – goes to 7 metro counties, excluding Hennepin and Ramsey Counties, based on population percentages

County	Current 2022 Distribution	Add Hennepin and Ramsey
Anoka	\$8,310,573	\$3,464,760
Carver	\$2,456,153	\$1,023,994
Dakota	\$9,929,706	\$4,139,792
Hennepin	\$0	\$12,229,013
Ramsey	\$0	\$5,333,535
Scott	\$3,402,118	\$1,418,377
Washington	\$6,021,229	\$2,510,309

Other Funding Participation

- Cost participation from cities, counties, watersheds, MnDOT, or other agencies
- Cost participation policy is adopted every year with the approval of the 5-year TIP.
- Typical cost sharing items:
 - Right of way acquisition
 - Storm sewer (by contributing flow)
 - Traffic signals
 - Retaining walls
 - Sidewalks/trails
 - Engineering and construction administration

On-Going/Future Items for Public Works

On-Going	Future
4-Lane to 3-Lane Conversion Study Implementation	Asset Management Implementation
Access Management & Site Development Review	CERT/SBE Utilization and Workforce Goals in Construction Contracting
CERT/SBE Vendor Usage	Best Value Contracting
Workforce Utilization Tracking	Increased Collaboration With Cities
2050 All Abilities Transportation Plan	City lead project solicitation process
On-Time Bidding & Project Delivery	Cost Participation Policy Review

Discussion and Next Steps

- Adoption of 2023-2027 TIP – March 21, 2023 County Board meeting
- Includes previous authority delegations
- New delegation of authority requested
 - Authorize the County Manager to issue letters of support in place of an official Board Resolution for constituent cities' grant applications
- Includes definitions of various TIP programs and project scopes that are contained within
- Adjusts Cost Participation Policy to include new items
- Completion of 2050 All Abilities Transportation Plan

Questions?

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