



# **TRANSPORTATION** **POLICY PLAN**

## **Bicycling & Walking in the Twin Cities** ***TPP Bike/Ped Chapter Overview***

Land Use Advisory Committee  
September 21, 2017

# Presentation Outline

- **Current TPP**
  - Purpose of bike/ped chapter
  - New developments
- **Bike/Ped Investment Direction**
- **Likely changes for  
TPP Bike/Ped Chapter update**

# Current TPP

## Purpose of Bike/Ped Chapter to:

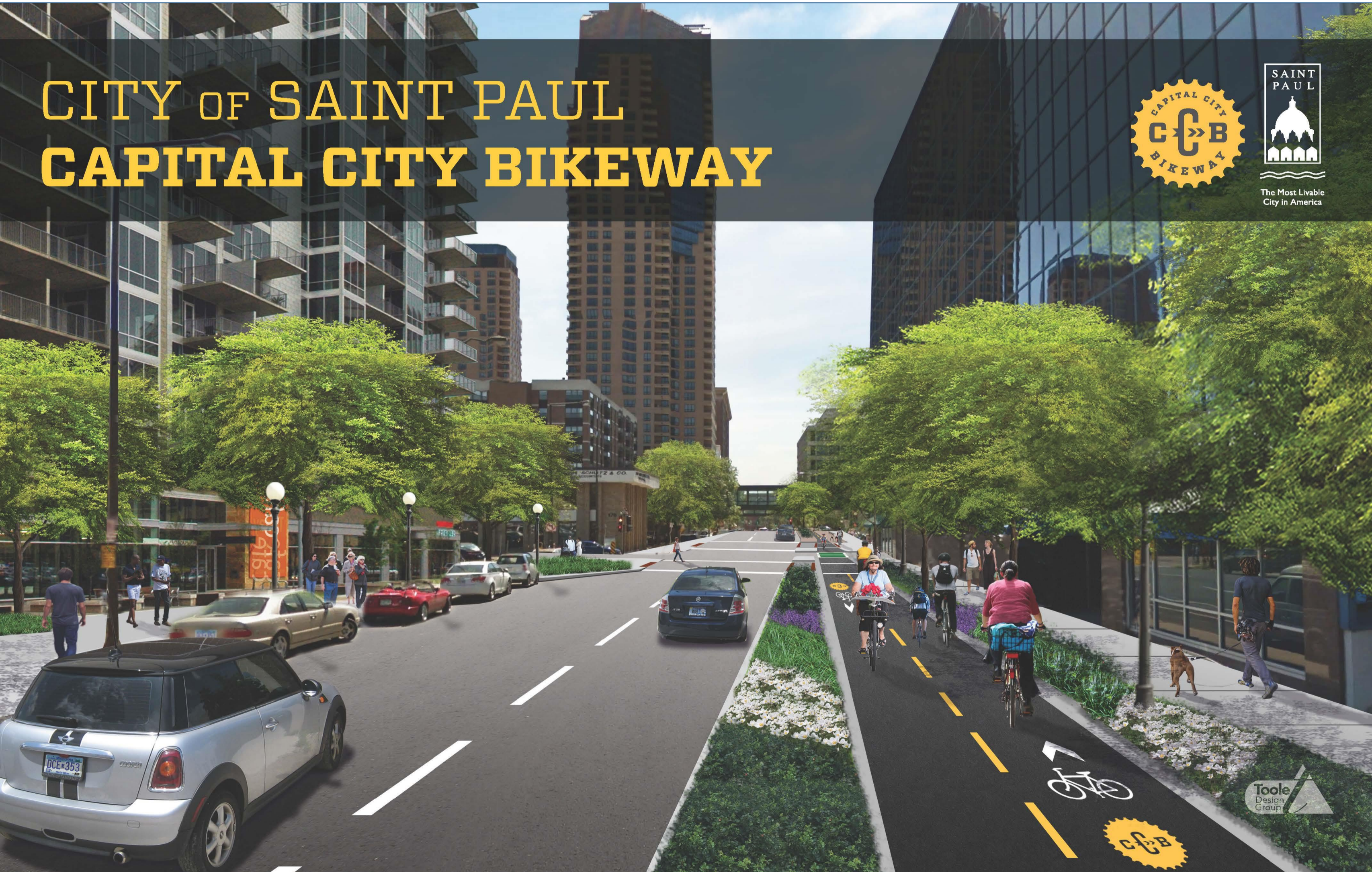
- Describe trends in biking/walking for transportation
- Report new developments in planning and infrastructure
- Set region's vision for bicycle infrastructure planning and investment.
- Provide/highlight pedestrian/bike planning best practices
- Provide regional guidelines for investment through city, county, state & Regional Solicitation funds.

# New Developments

## CITY OF SAINT PAUL CAPITAL CITY BIKEWAY



The Most Livable  
City in America



# New Developments

## Bicycle Infrastructure

- Minneapolis and Hennepin County have included protected or separated bike facilities in their updated bike plans
- Major bridges over the Mississippi & Minnesota Rivers were constructed with new bikeways
  - Lafayette Bridge, St Paul
  - US 169 Bridge, Shakopee & Eden Prairie
  - New TH 36 Bridge

# New Developments

## Pedestrian/Bike Data Collection

- Statewide Bicycle & Pedestrian Counting Initiative (MnDOT)
  - Trainings for agency planners/public works staff
  - Permanent count stations (10-12 in Twin Cities)
  - Encourages automated counts – equipment loan program
  - Data collection manual to supplement the federal Traffic Monitoring Guide



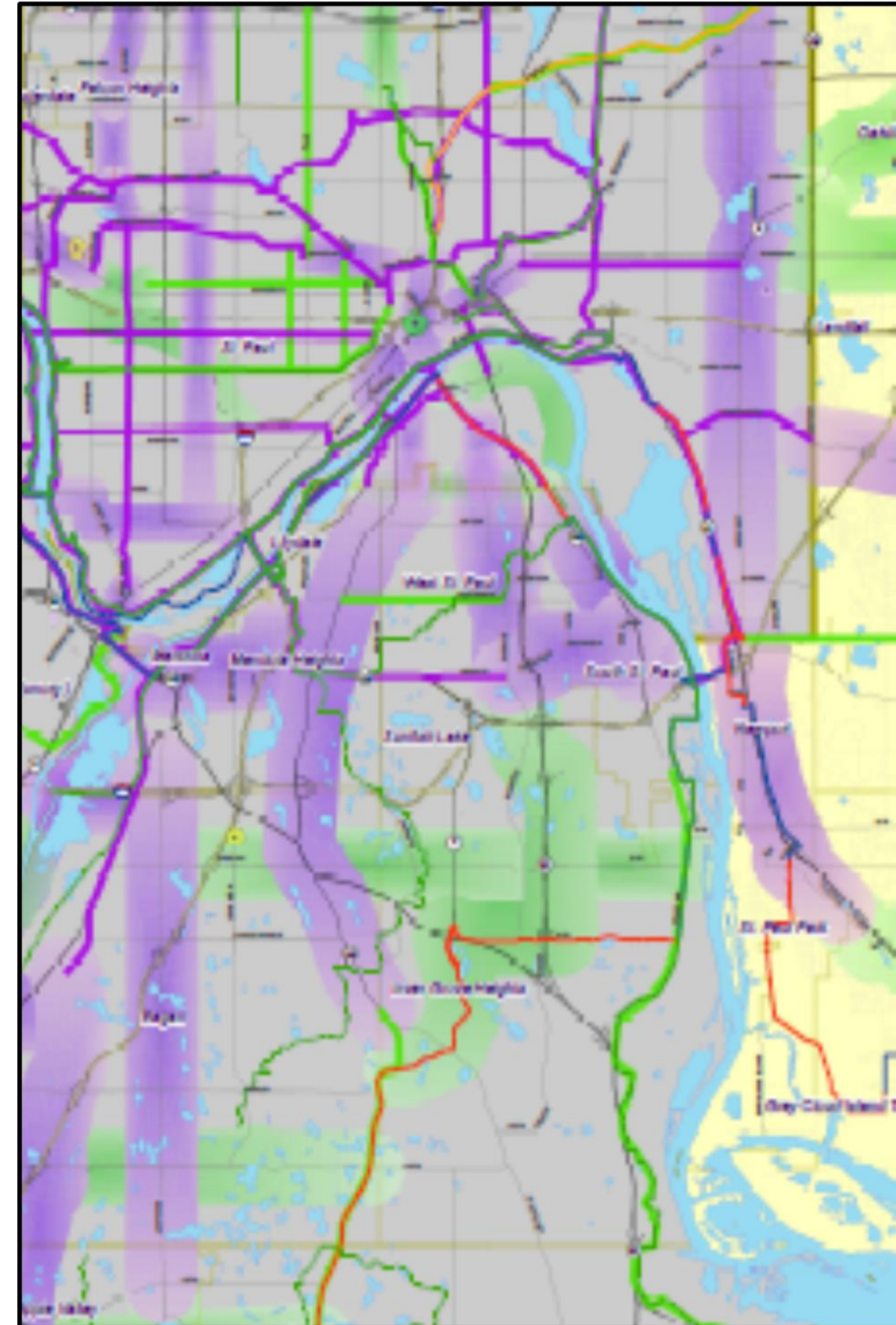
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# Bicycle/Pedestrian Investment Direction

# Current TPP

## Regional Bicycle Trans. Network (RBTN) Goals



- Establish an integrated/seamless network of on- and off-street bikeways
- Provide vision for a “backbone” arterial network for daily bicycle transportation
- Encourage cities, counties, parks agencies, and the state to plan and implement future bikeways






# Regional Bicycle Transportation Network Vision

## RBTN Alignments

-  Tier 1 Alignments
-  Tier 2 Alignments

## RBTN Corridors (Alignments Undefined)

-  Tier 1 Priority Regional Bicycle Transportation Corridor
-  Tier 2 Regional Bicycle Transportation Corridors






## Other Trail Systems

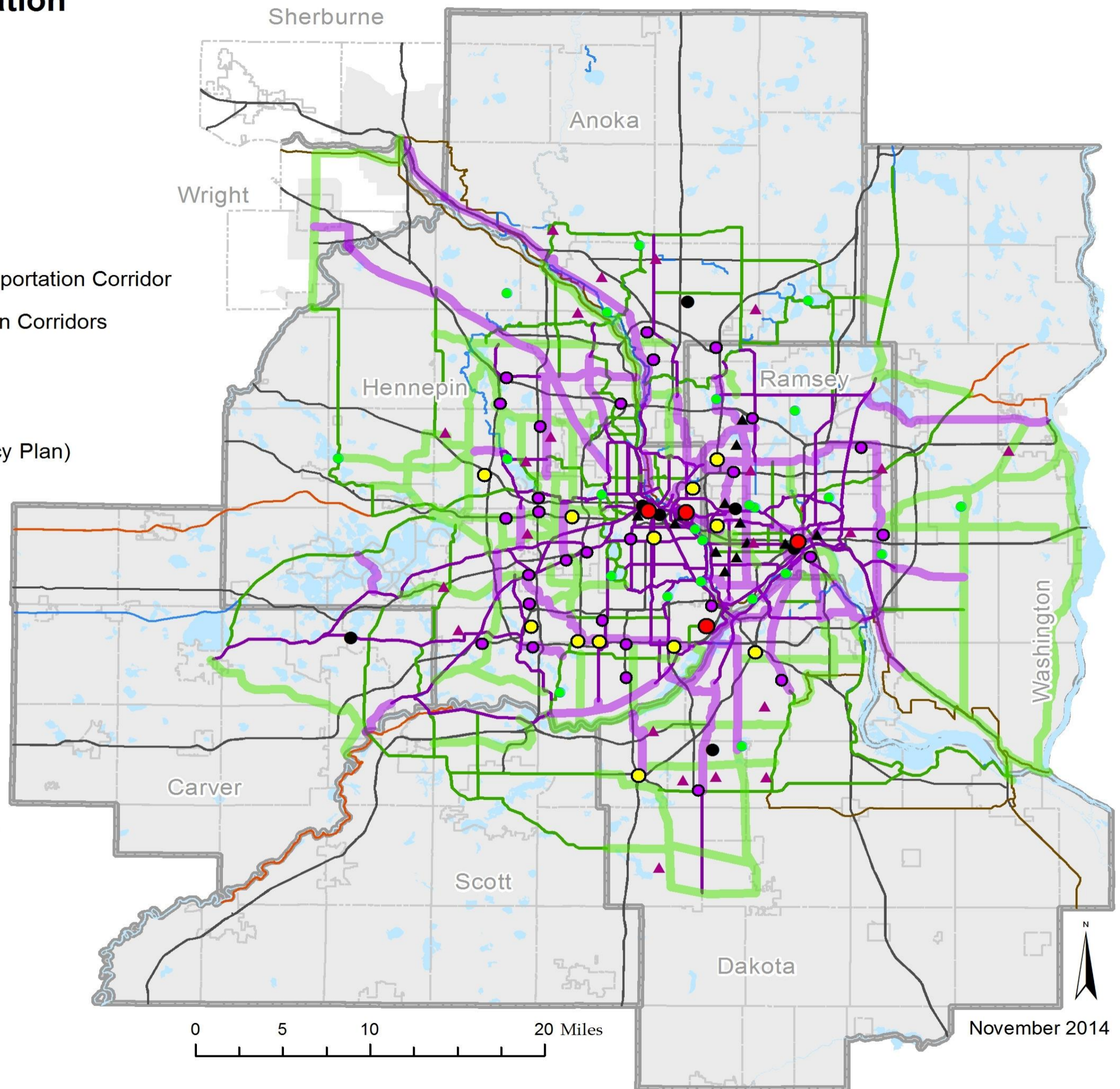
-  Regional Trails (Regional Parks Policy Plan)
-  Mississippi River Trail (US Route 45)
-  State Trails (DNR)

## Regional Destinations

-  Metropolitan Job Centers
-  Regional Job Centers
-  Subregional Job Centers
-  Large High Schools
-  Colleges & Universities
-  Major Sport & Entertainment Centers
-  Highly Visited Regional Parks

## Reference Items

-  Principal Arterial Roads
-  Lakes and Rivers
-  City Boundary
-  County Boundary
-  2040 Municipal Urban Service Area MPO Area



November 2014

# Investment Direction

## Regional Priorities

- RBTN investment
  - Proposed projects that “enhance or complete new segments or connections of the RBTN”
  - Tier 1: Priority regional transportation corridors & alignments
  - Tier 2: RBTN corridors/alignments = 2<sup>nd</sup> highest priority for transportation investment

# Investment Direction

## Regional Priorities

- Critical bicycle transportation links
  - Closes a gap in RBTN
  - Improves continuity/connections between jurisdictions  
(on or off RBTN)
  - Removes a physical barrier (e.g., river, rail line, freeway) & can be on or off RBTN

# Investment Direction

## Regional Priorities

- Other key prioritization factors
  - Stand-alone pedestrian projects connecting to transit or regional job centers
  - Safety enhancements
  - Cost effectiveness for construction and/or maintenance
  - Multimodal benefits incorporated in roadway projects
  - Bicycle connections to transit



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# **Bicycle/Pedestrian chapter: Anticipated Changes**

# TPP Changes

## Regional Bicycle Barriers Study

- Map of regional barriers
  - Includes streams & rivers, major rail lines, freeways & expressways
- Map of ~ top 150 regional barrier crossing improvement locations (tiered)
- Map of major rivers with existing/planned bikeway crossings
- Update guidelines for regional investment

# TPP Changes

## RBTN Updates

- Designated alignments w/in existing corridors will be added
- Other changes resulting from county/city meetings and other communications since last update
- RBTN Corridor and Alignment adjustments will be proposed
  - New proposed RBTN map to show changes
  - List of changes and planning rationale

# TPP Changes

## Other Text Revisions

- Strengthen and add prominence to
  - Complete streets policies & principles
  - Bike & ped data collection & application
- Provide direction for local bikeways data updates for regional system inventory
- Add information on improving pedestrian safety
  - Bike/ped safety related to traffic speeds
- Reinforce importance for ADA compliance



# Possible Work Plan Items

- RBTN Protected Bikeway Corridors Study
- Analysis of pedestrian connections to regional transit system
- Analysis of RBTN and local bikeway connections to regional transit system
- Regional pedestrian & bicycle crash data analysis

Thank you

Questions/Comments?

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