Regional Bicycle System Master Study

Preliminary Results Update

Transportation Committee

October 21, 2013

METROPOLITAN COUNCIL

Introduction

- Study Goals
- Guiding Principles
- Bicycle Study System Elements
- Analysis Approach
- Proposed Regional Corridors & Network
- Next Steps

Study Goals

- Improve knowledge base of regional bicycle transportation network
  - Evaluate connectivity of existing network
  - Define a set of proposed regional bicycle corridors
  - Evaluate the relative importance of regional corridors
  - Analyze regional barriers and missing links

Guiding Principles

Regional Bicycle Corridors should…..

1. Overcome physical barriers & eliminate critical gaps
2. Facilitate safe and continuous trips to regional destinations
3. Function as arteries to connect regional destinations to the transit system
4. Accommodate a broad range of cyclist abilities/preferences
5. Integrate and/or supplement existing and planned infrastructure
6. Provide improved opportunities to increase the share of trips made by bicycle

Guiding Principles

Regional Bicycle Corridors should…..

- Connect to local, state and national bikeway networks
- Consider opportunities to enhance economic development
- Be equitably distributed throughout the region
- Follow spacing guidelines to reflect established development and transportation patterns
- Consider regional priorities reflected in adopted bicycle plans

Bicycle Study System Elements

Draft Regional Bicycle Transportation Network

- Overall regional “coverage” network
- Forms regional “backbone” system connecting county and local trail systems & regional destinations
- Consist of “corridors” for implementation

Draft Priority Regional Bicycle Transportation Corridors

- Subset Regional Network overlay map
- Serves the region’s “developed” and “developing areas”
- Will connect to major regional destinations and transit
- Will consist of high use or potentially high use corridors

Bike Study System Elements (Cont.)

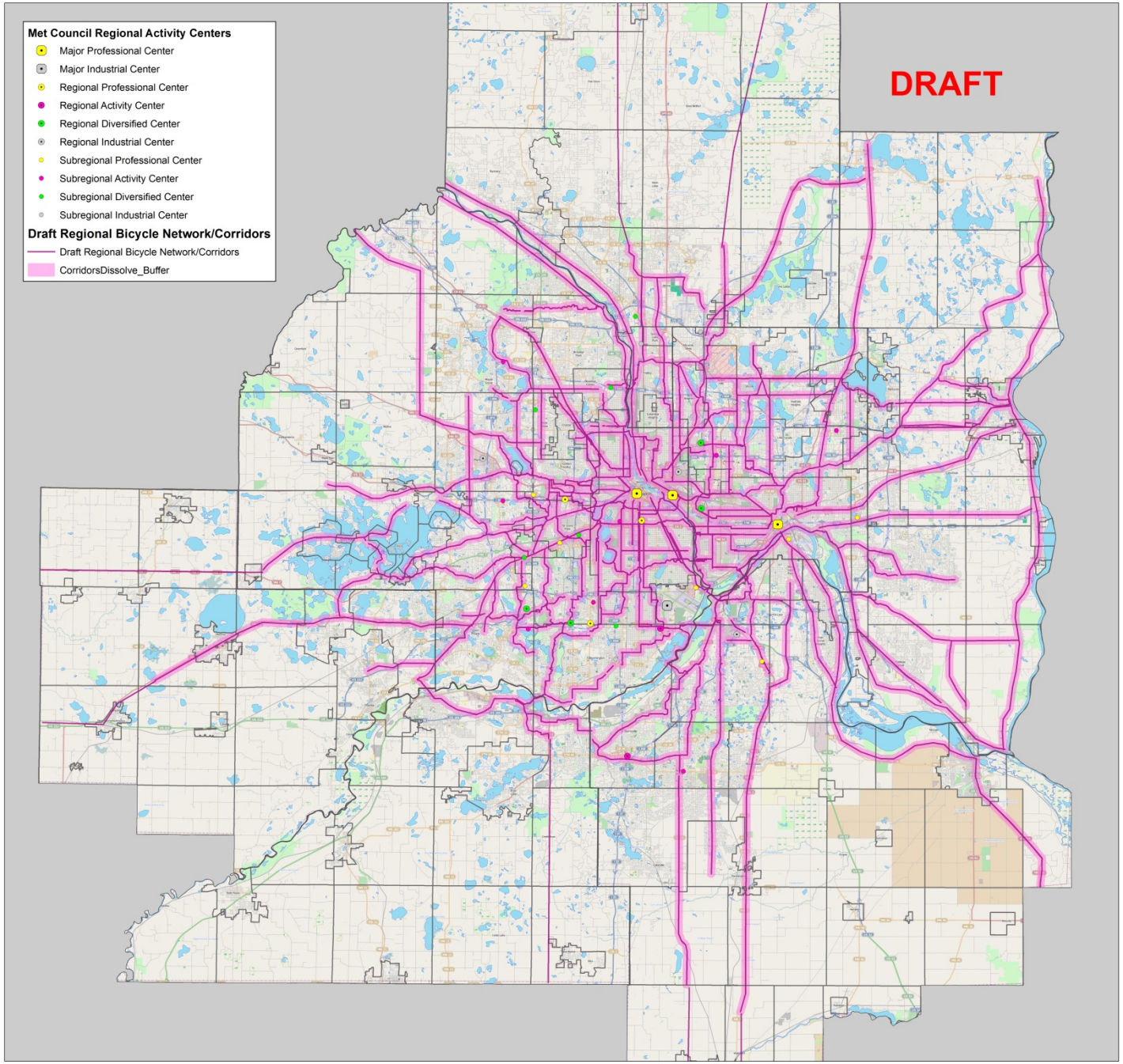
Draft Critical Bicycle Transportation Links

- Serve to close a gap in Regional Network
- Improve continuity & connections between jurisdictions
- Address a physical barrier (i.e., freeway, railroad corridor, or river)

Analysis Approach & Results

- **Used Cyclopath/Cycloplan systems as background network**
- **Applied variety of data to analyze network:**
  - 2010 U.S. Census data
  - Cycle Tracks origins and destinations
  - Regional job and activity centers
  - 2030 projected population density
  - Proximity to transitways/stations
  - Public input on regional destinations & bike trip routes
  - Land use plans and Met Council development planning areas

Preliminary Draft Regional Bikeway Network/Corridors
Regional Bicycle System Master Study Project Advisory Committee
August 28, 2013



Regional Corridors for Analysis

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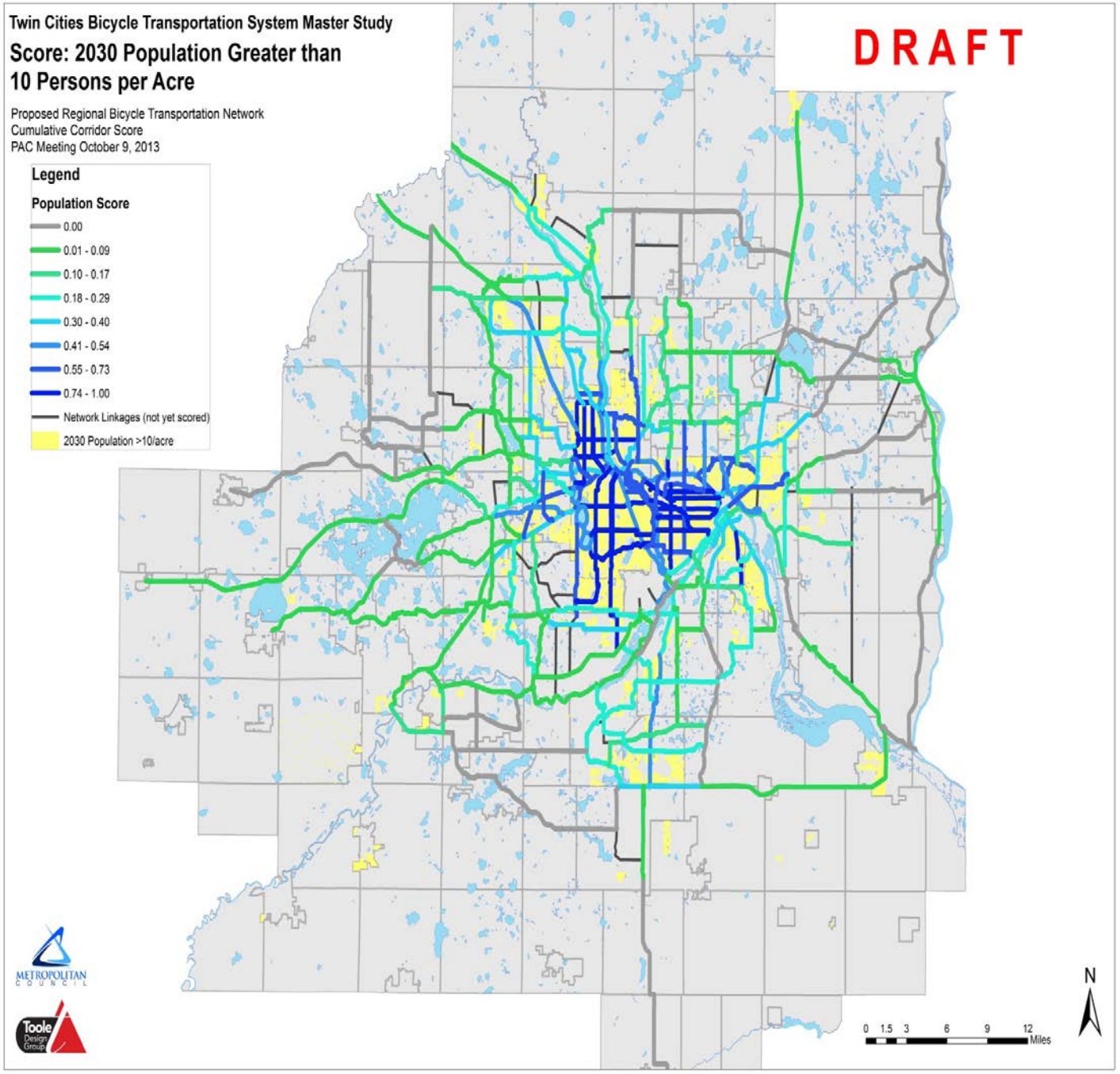

Future Population Density Analysis

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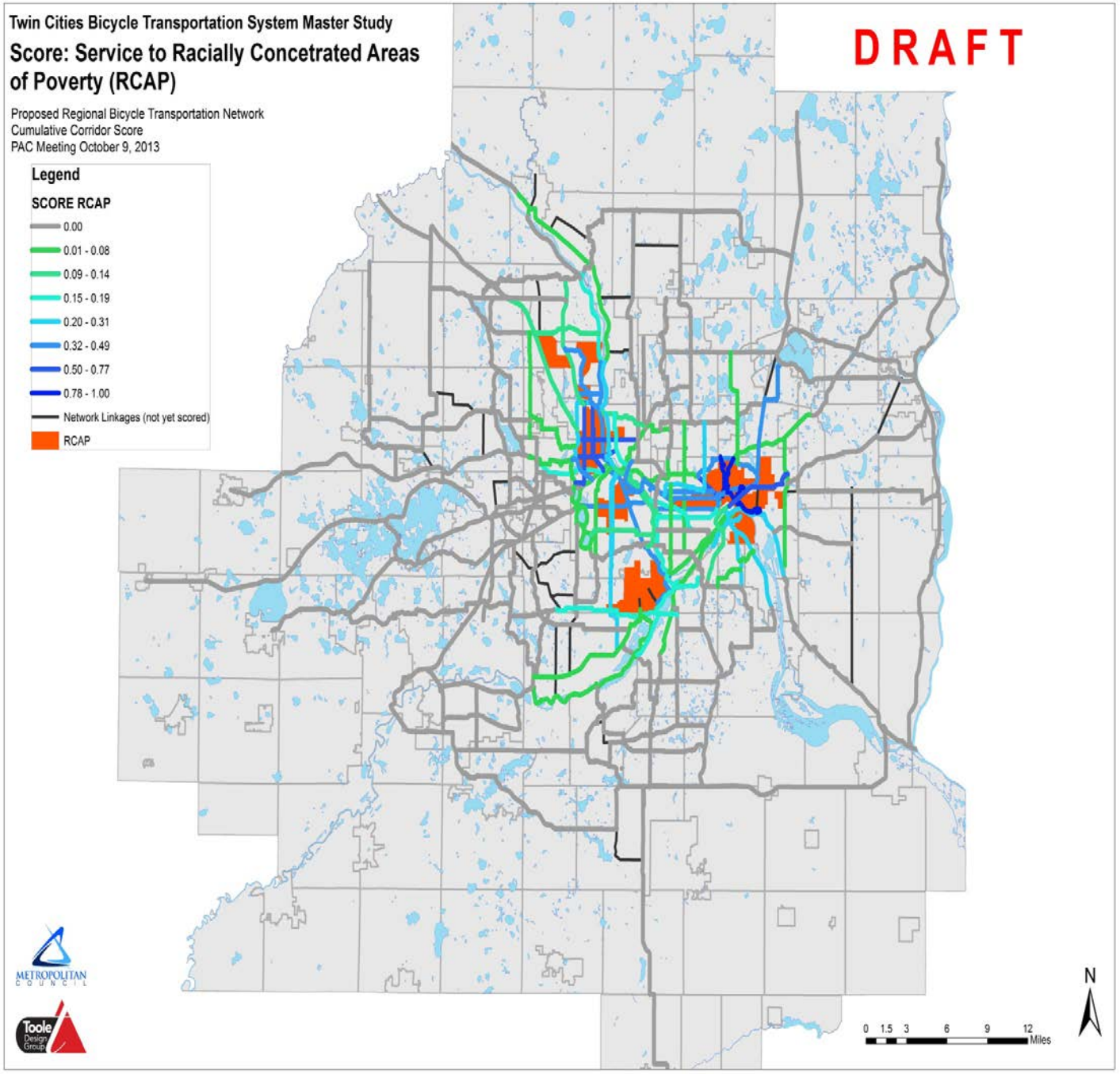

RCAP Analysis

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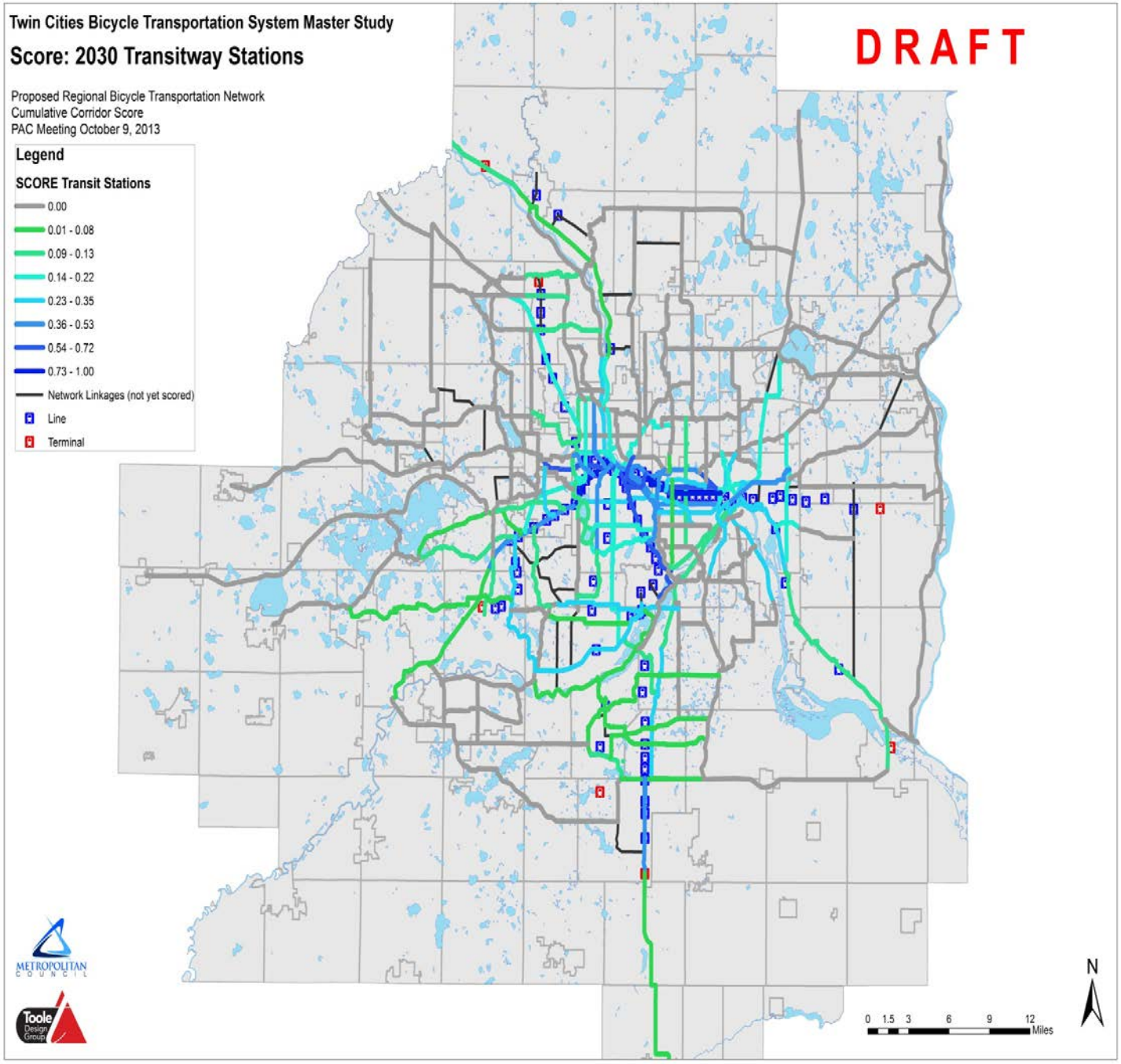

Existing and Future Transitways Analysis

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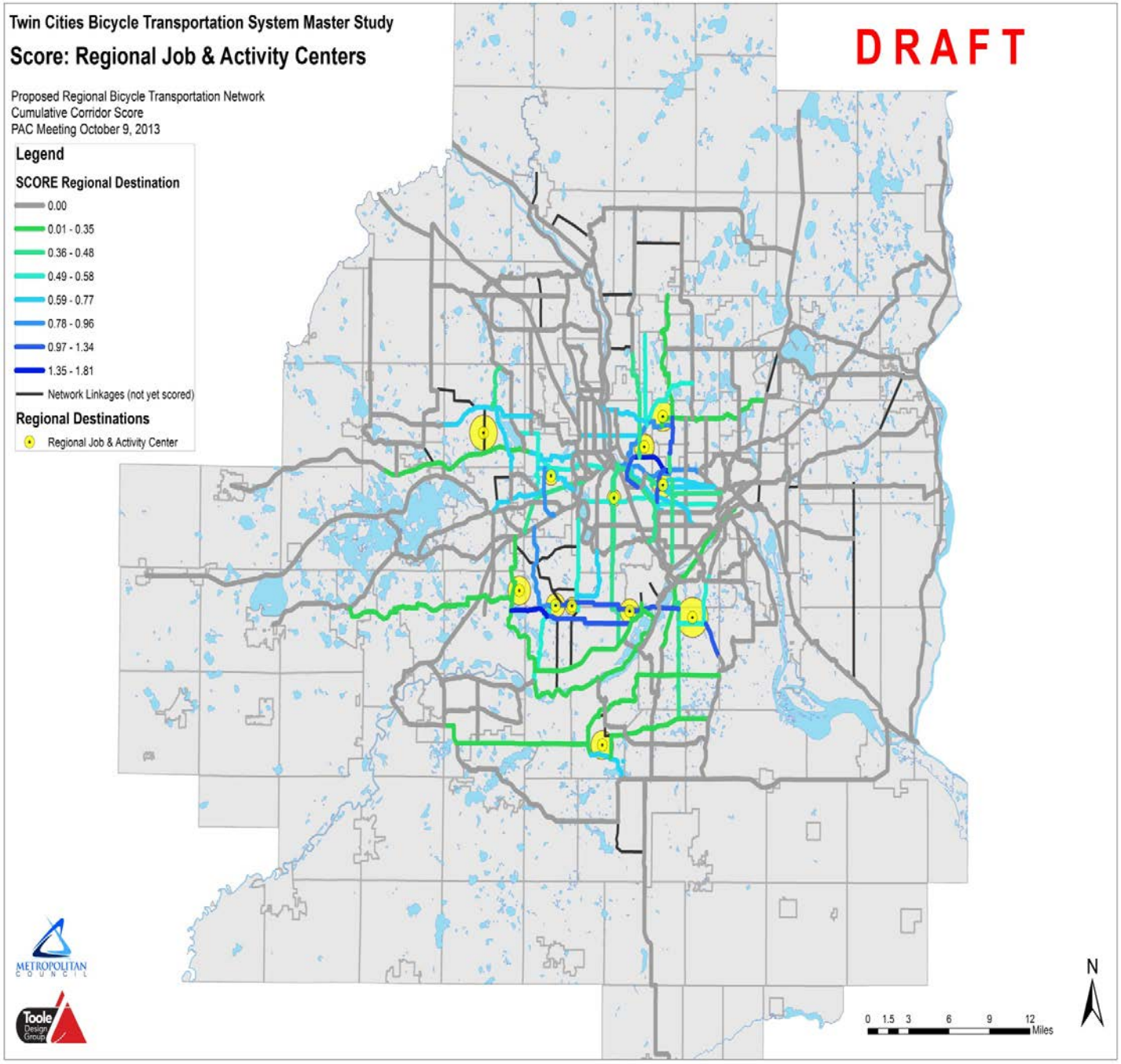

Regional Centers Analysis

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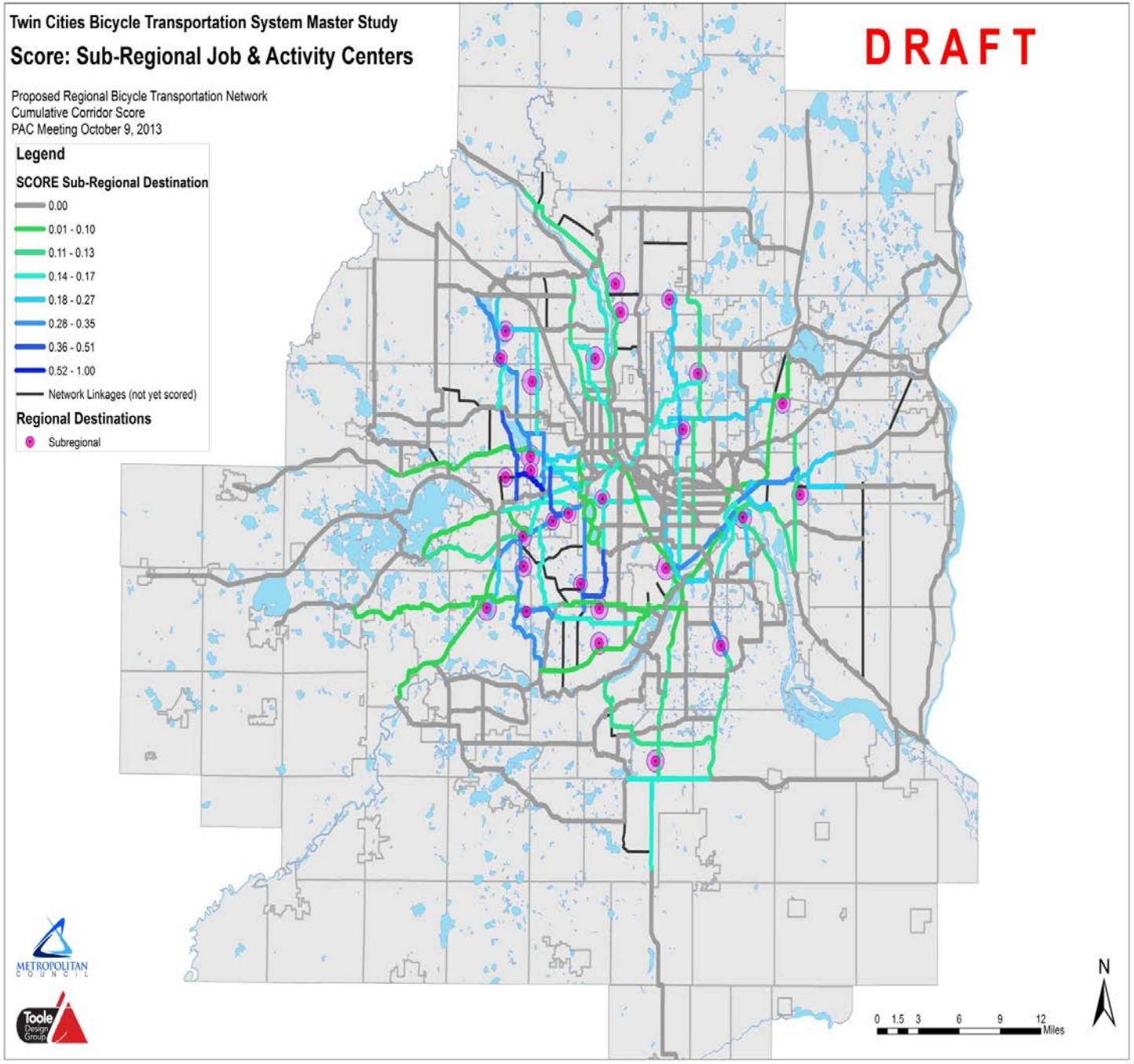

Sub-Regional Centers Analysis

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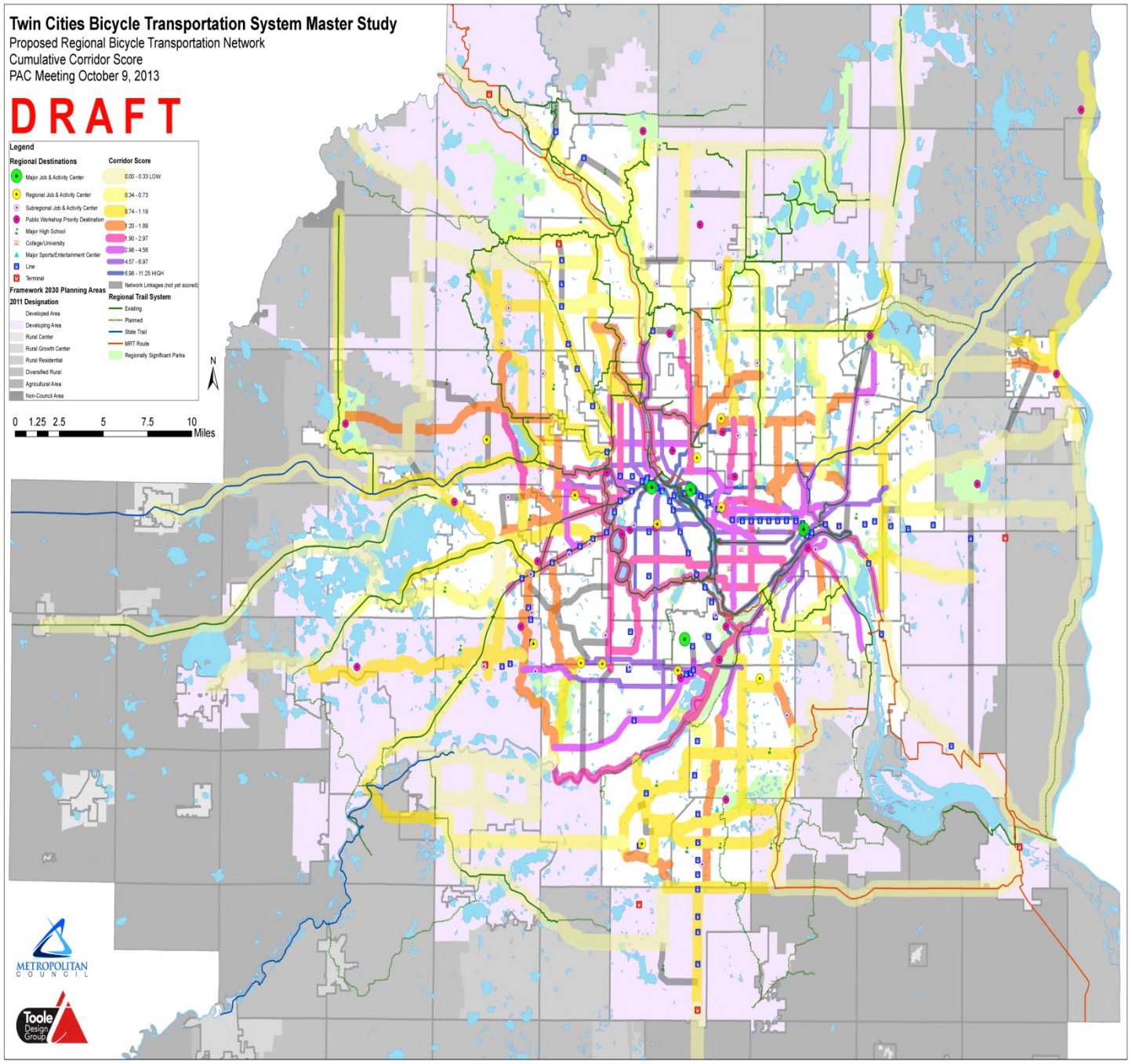

Regional Corridors Cumulative Scores

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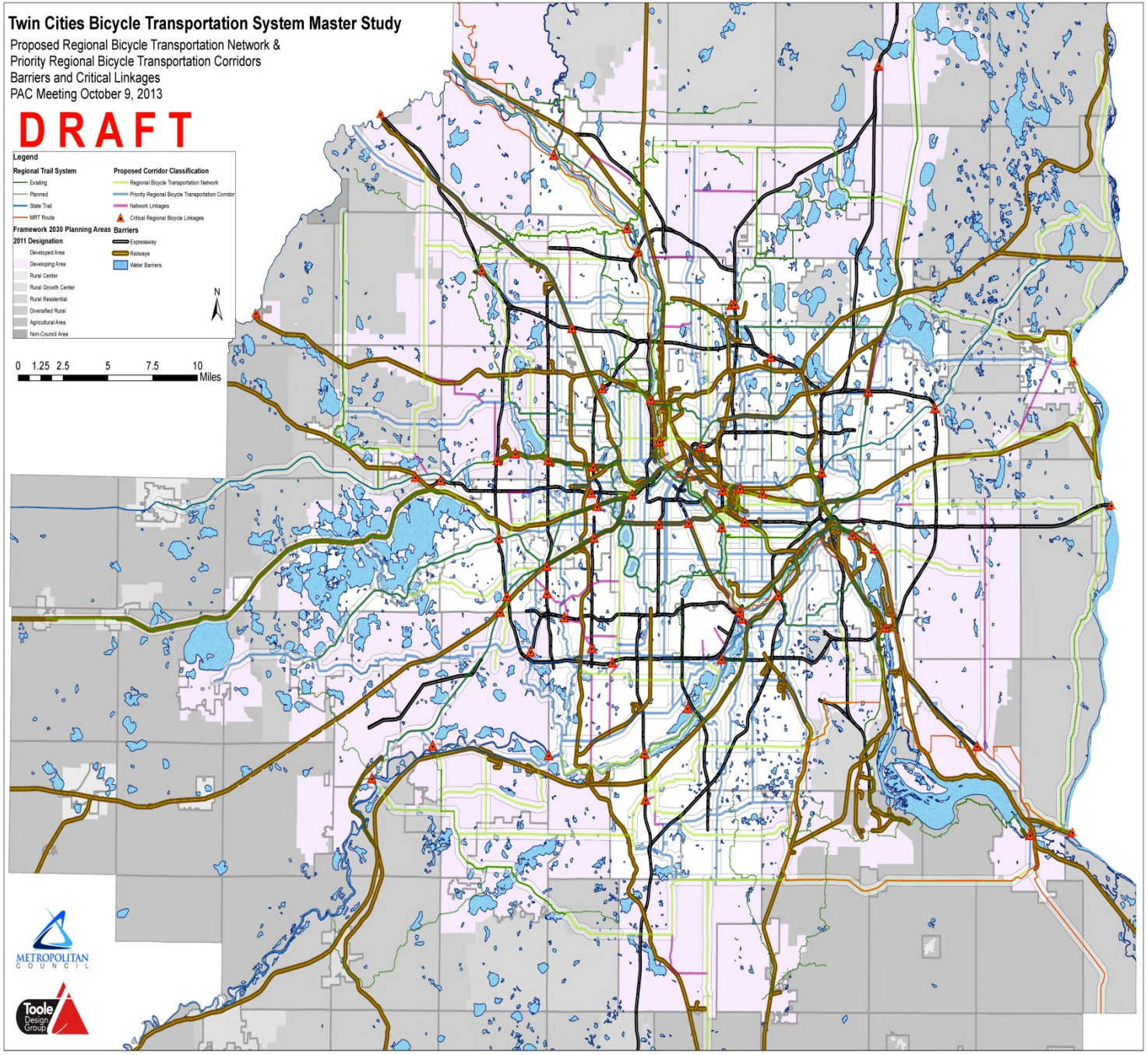

Regional Barriers and Critical Linkages

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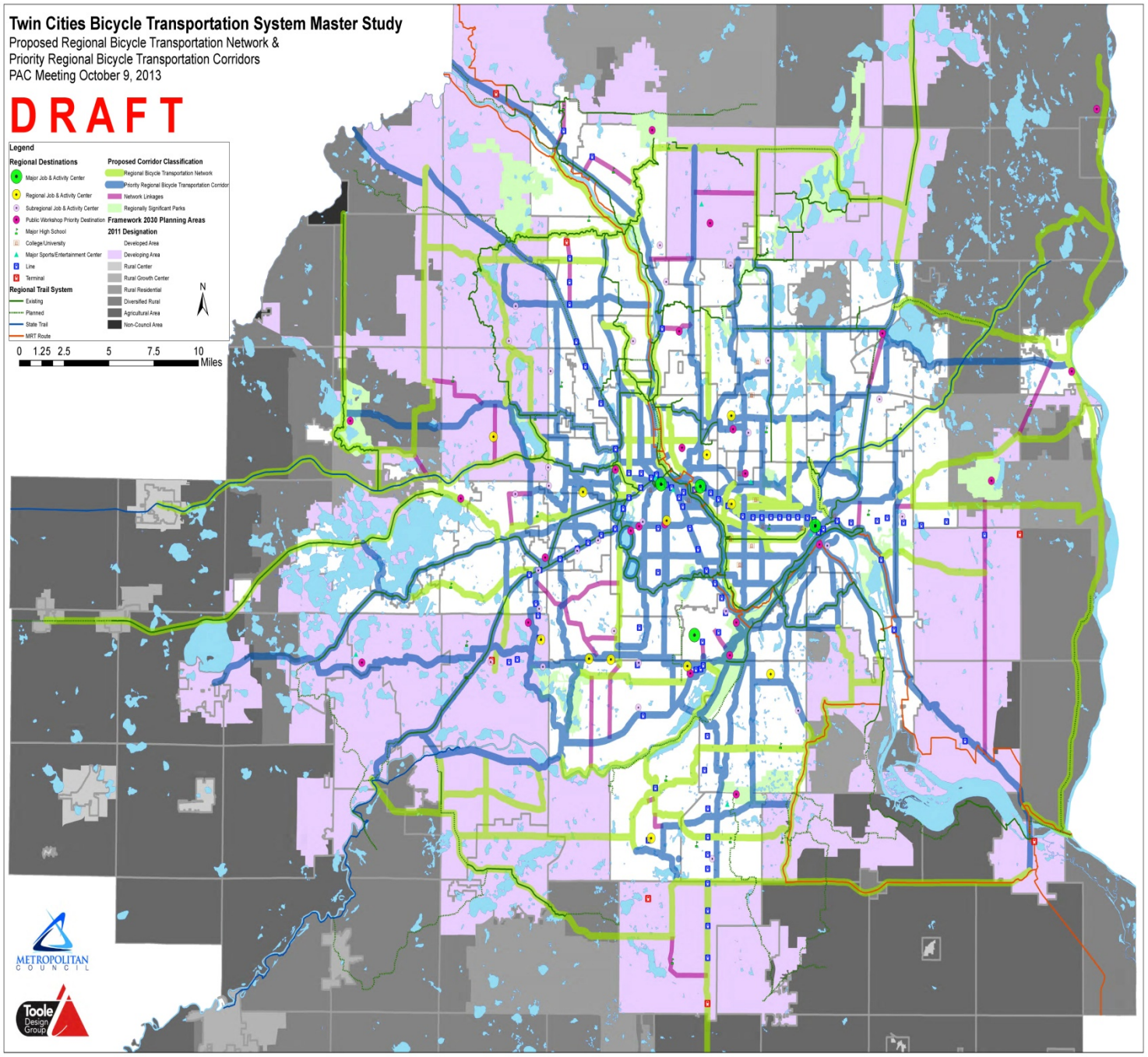

Draft Proposed Regional Bicycle Corridors and Trans. Network

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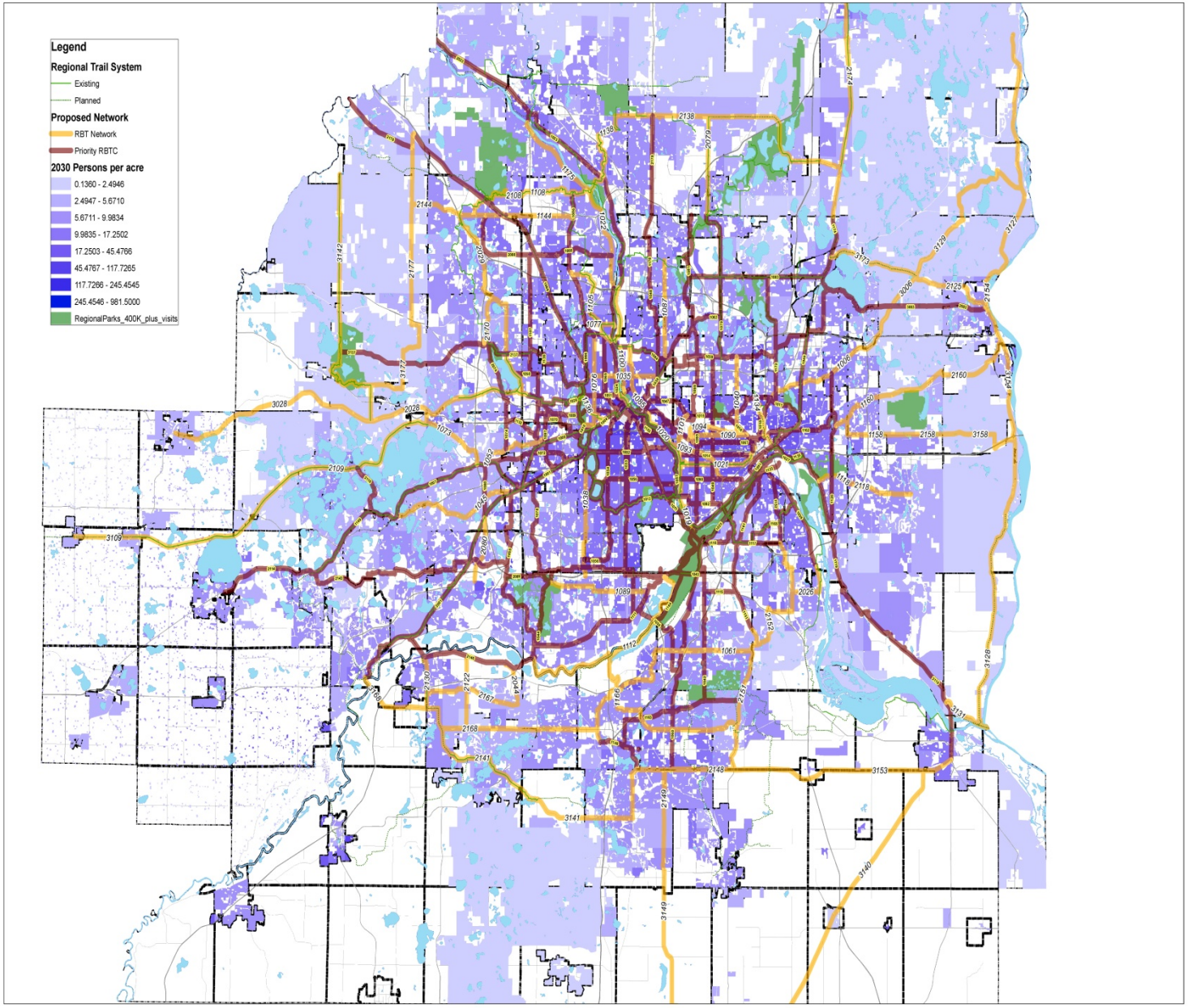
Regional Corridors for Analysis
Preliminary score results October 7 2013
Proposed Regional Bicycle Transportation Network &
Priority Regional Bicycle Transportation Corridors with Population Density

DRAFT



Regional Corridors vs. 2030 Pop. Density

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Next Steps

Regional Bicycle System Study

Public Workshops

- Saint Paul: Oct. 23rd, 6:30 – 8:00 pm at Hallie Q. Brown Center
- Minneapolis: Oct. 24th 6:30 – 8:00 pm at U of M Urban Research and Outreach Center

Final PAC meeting (November)

- Review study findings and recommendations

Complete Final Study Report (late November)

Next Steps

Transportation Policy Plan Update

- Refine Regional Network/Priority Corridors (Dec. 2013 to Mar. 2014)
  - Seek input from counties/park agencies
- Develop/write draft Trans. Policy Plan update
- Release draft TPP for public review (summer 2014)
- Host numerous public workshops and other public engagement forums (summer/fall 2014)
- Met Council adopts 2040 TPP (late 2014)