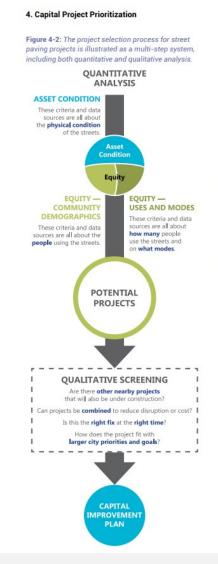
Transportation Improvement Program Process



Early Desire to Document TIP Selection

Process





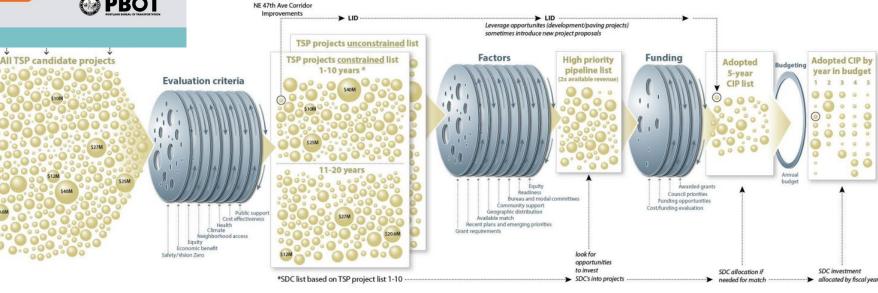




Early Desire to Document TIP Selection Process

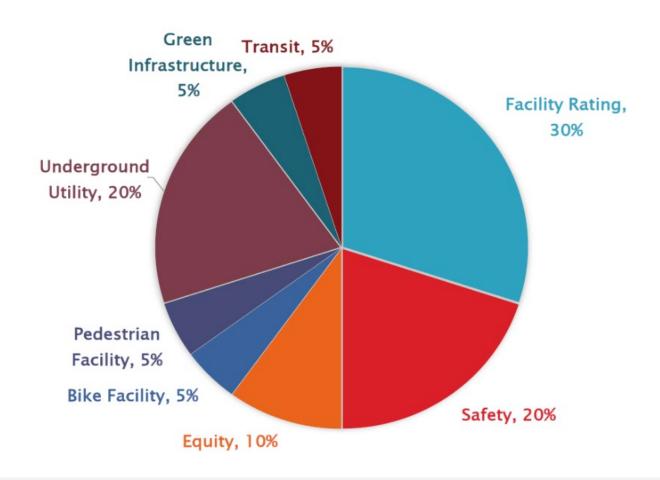


Portland





City Engineering Proposal 2020 & 2021



- Similar to one used by Minneapolis's 20-year Capital Improvement Program.
- Created multiple factors to evaluate capital projects



Challenges

- Weighting categories allowed streets without a reconstruction need to score higher than streets with a reconstruction need.
 - Defeats key objective of reconstruction program.
- Difficult to incorporate Utility reconstruction needs and utility funding ability.
- Difficult to score some categories such as "green infrastructure"
- Doesn't consider development opportunities
- Submittal of Capital Projects to Finance is due two months earlier in 2022





Proposal

2023 TIP

- Provide scores for projects already in TIP with a few modifications
 - Pavement Cond
 - Equity
 - Safety
 - Utilities
- Submit to Finance 4/22

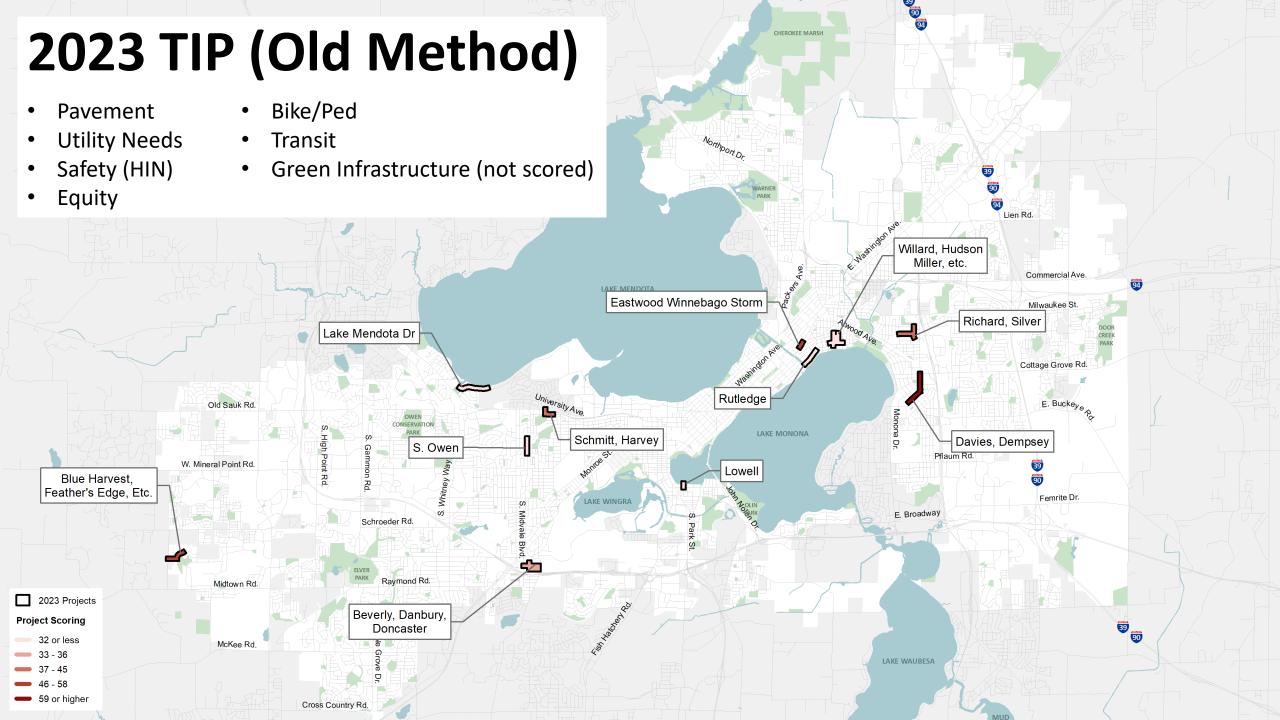
Refining criteria

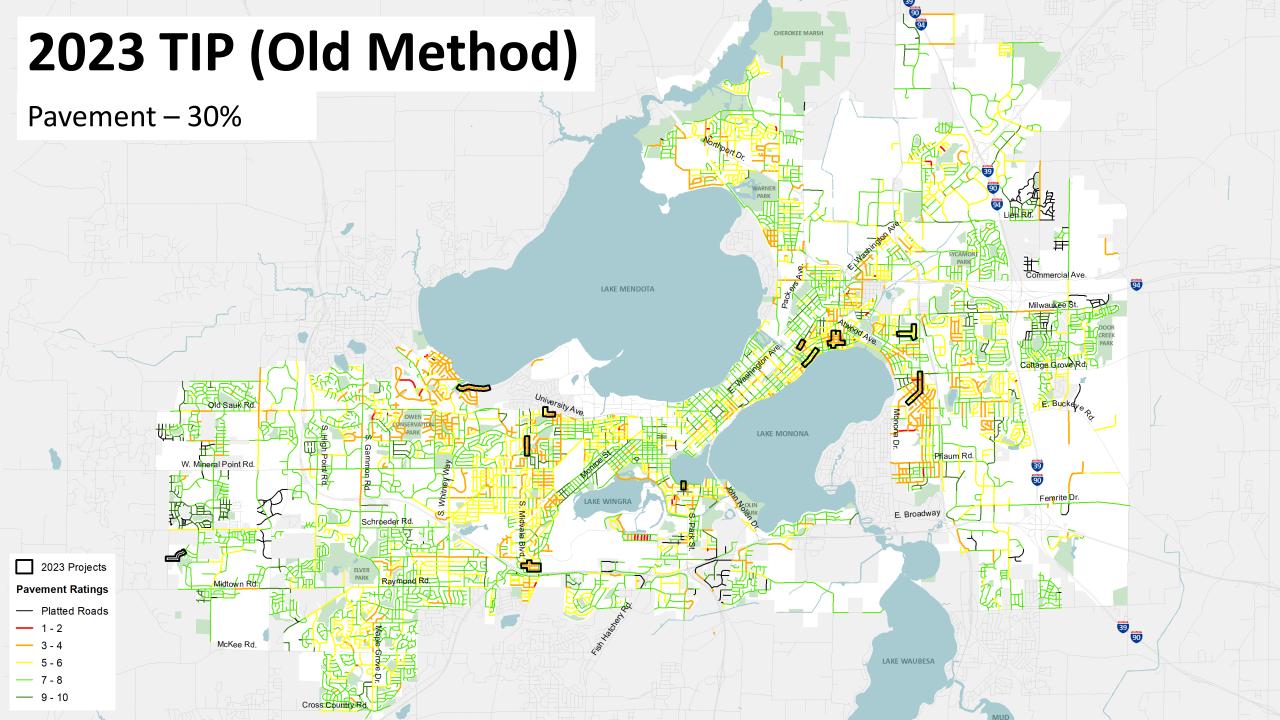
2024-2028 TIP

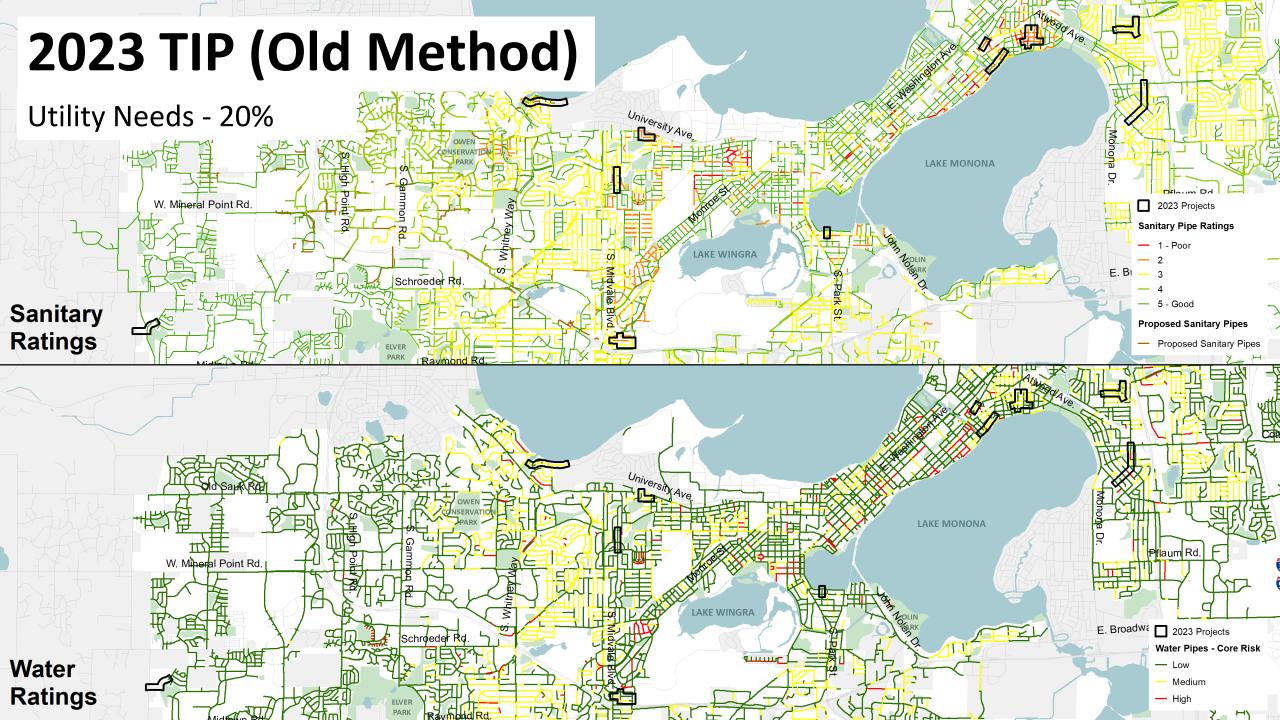
- Pilot a multi-stage process
- Provide interim results to policymakers in spring/summer
- Use for TIP submittal in 2023

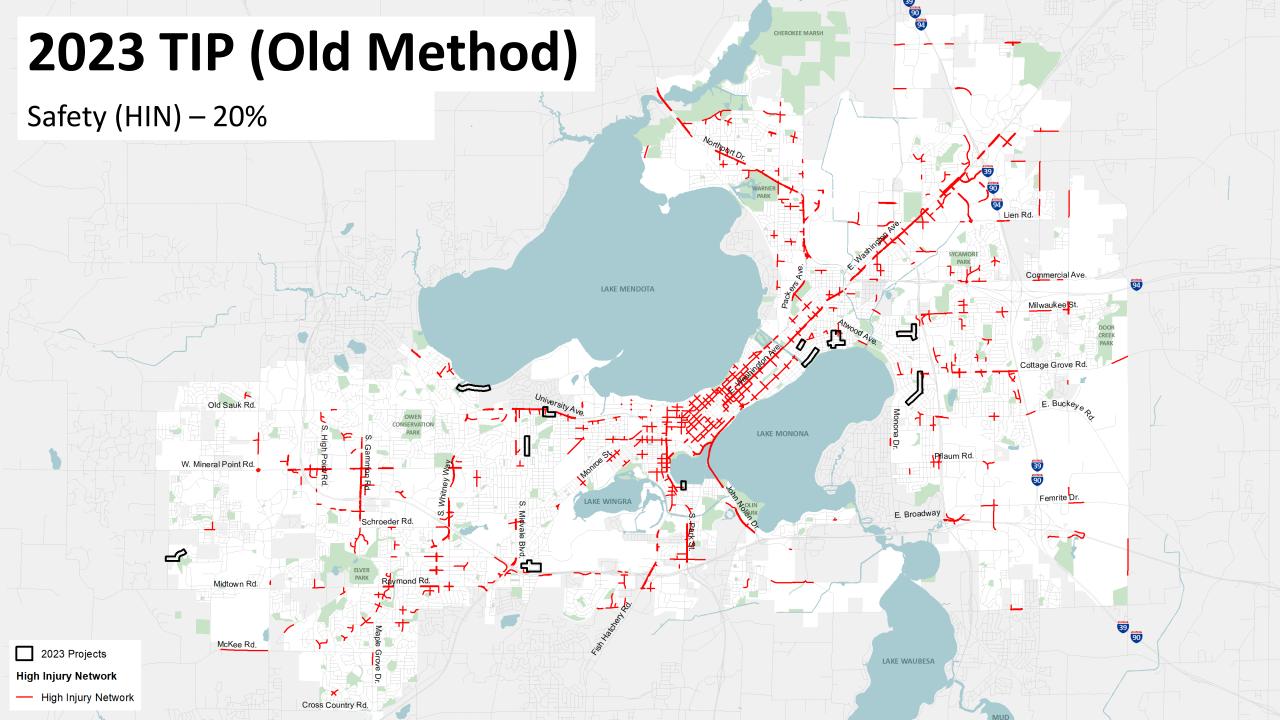


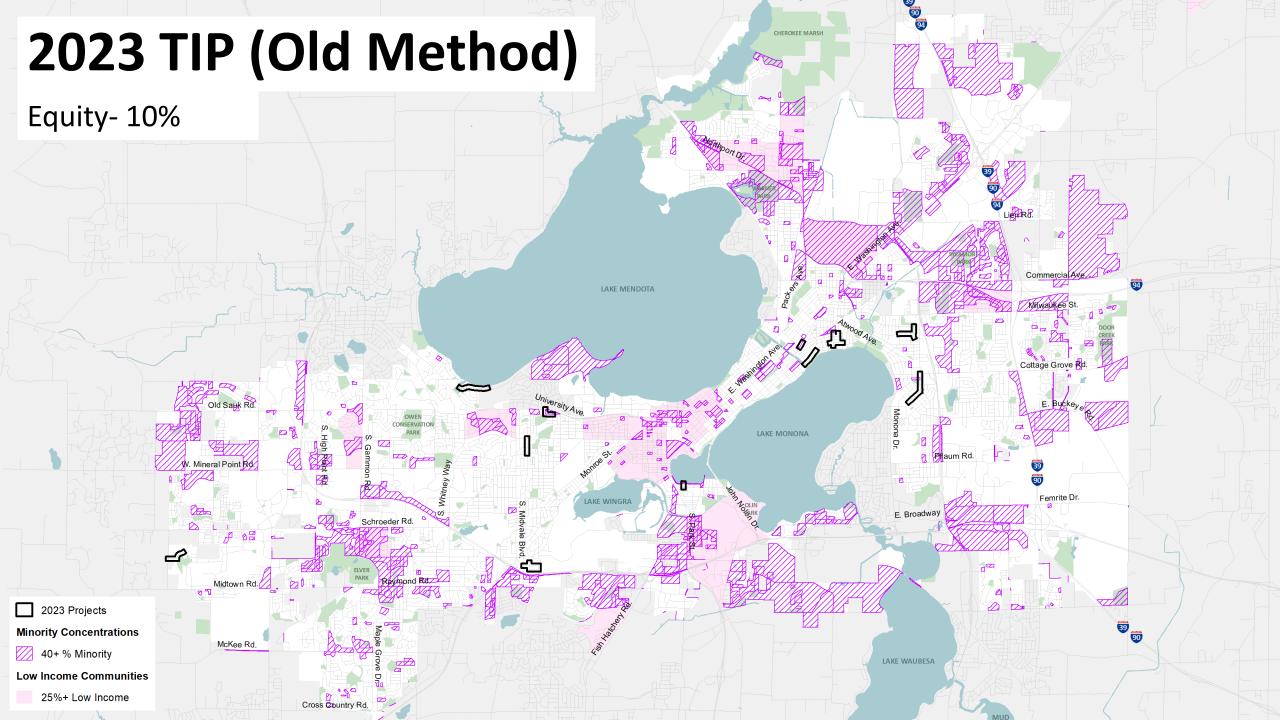


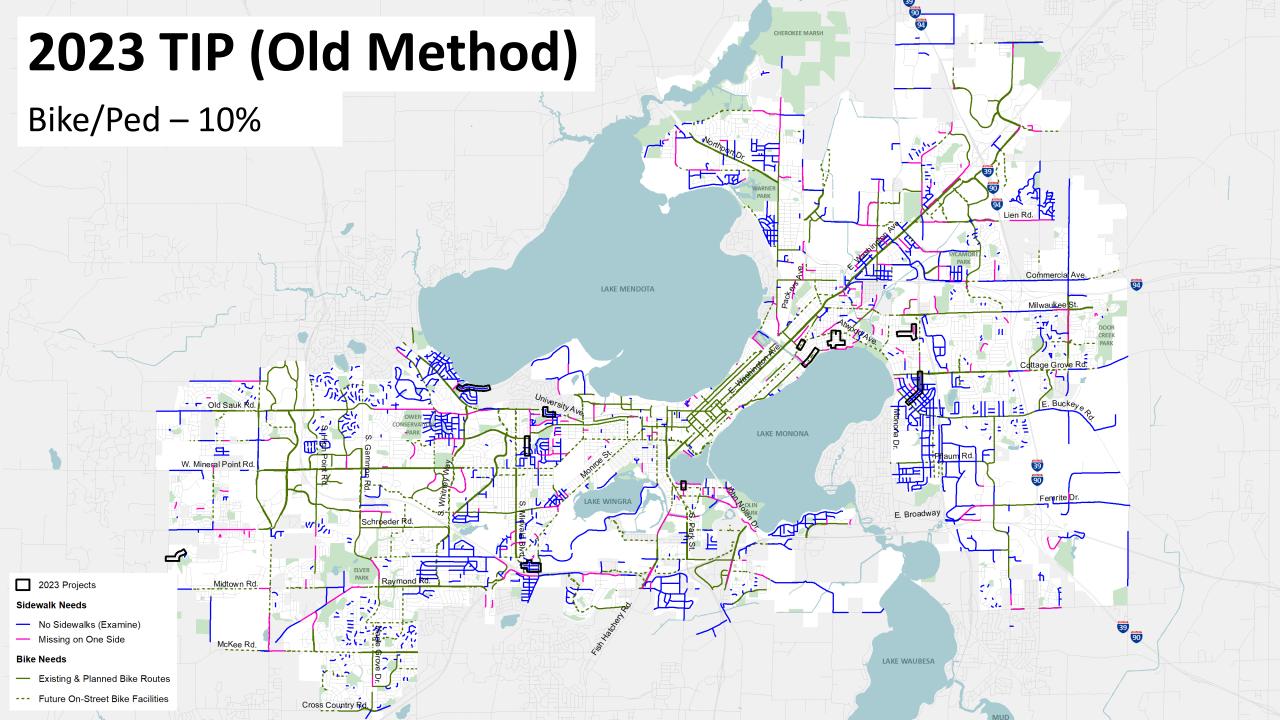


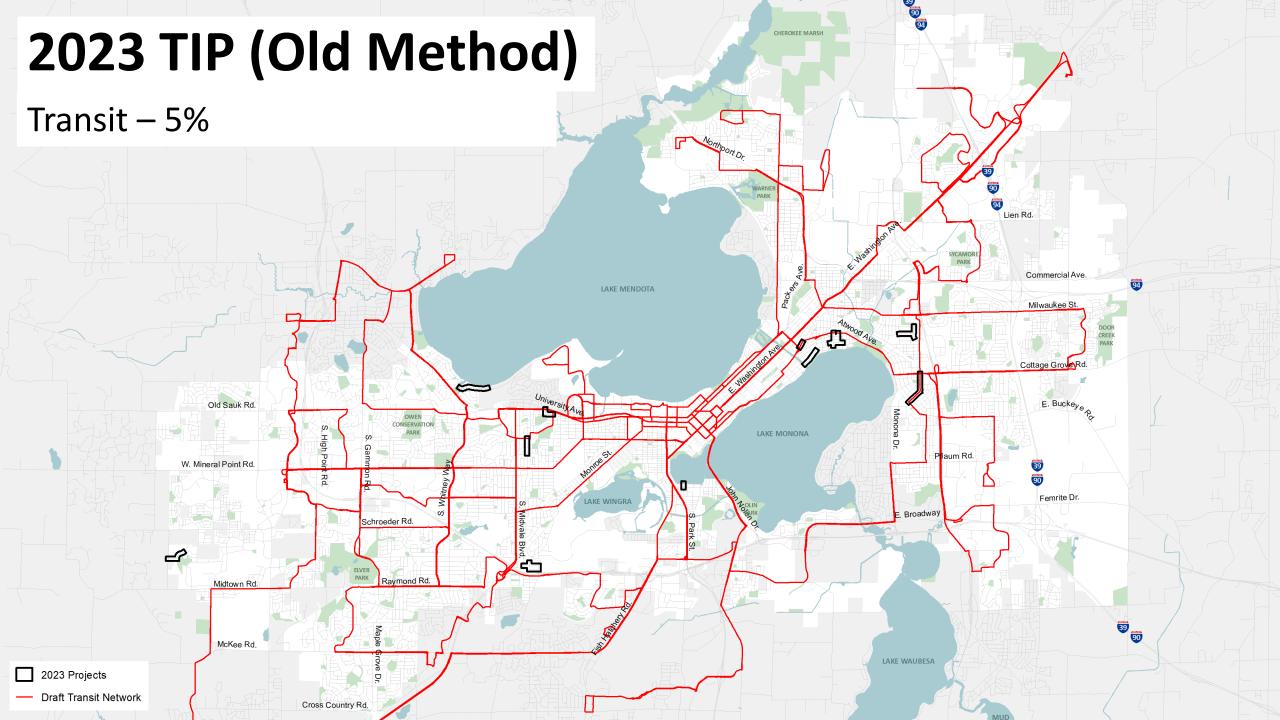










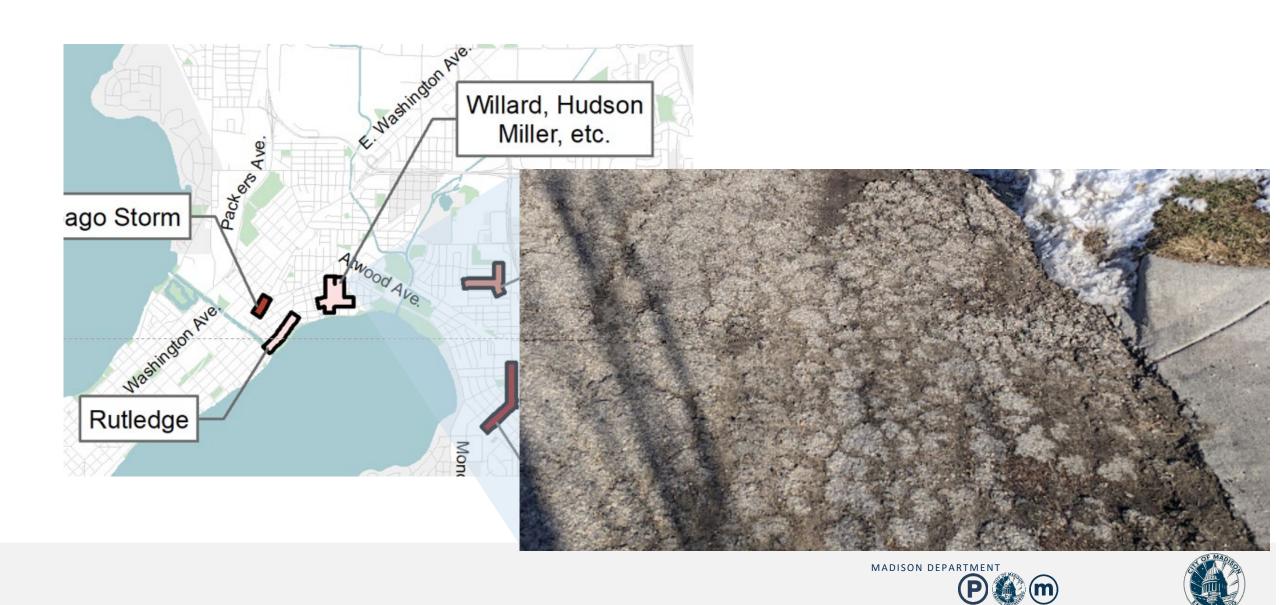


Challenges

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 - Defeats key objective of reconstruction program.
- Difficult to incorporate Utility reconstruction needs and utility funding ability.
- Difficult to score some categories such as "green infrastructure"
- Submittal of Capital Projects to Finance is due two months earlier in
 2022







OF TRANSPORTATION

We want to reconstruct streets that have a reconstruction need (Pavement and Utilities). But once these have been identified, we want to advance projects with a equity, safety, bike/ped need.





TIP Process Being Explored

RECONSTRUCTS

Pavements and Utilities with Critical Needs

NON-RECONSTRUCTS

Pavements without critical needs

TIP

Safety and Complete Green
Streets met within context of TIP reconstructions

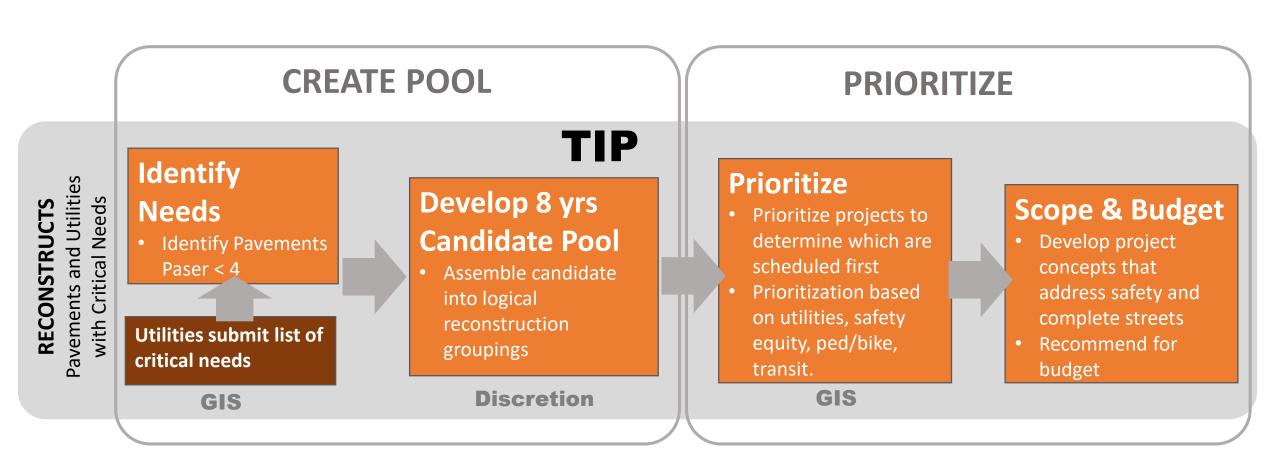
SAFE STREETS

Safety and Complete Green Streets met within context of Safe Streets Program





Revised TIP Process Being Explored



TIP Process w/ Safe Streets Process

RECONSTRUCTS
Pavements and Utilities
with Critical Needs

Identify Needs

• Identify Pavements Paser < 4

Utilities submit list of critical needs

GIS

TIP

Develop 8 yrs Candidate Pool

Assemble candidate into logical reconstruction groupings

Discretion

Prioritize

- Prioritize projects to determine which are scheduled first
- Prioritization based on utilities, safety equity, ped/bike, transit.

GIS

Scope & Budget

- Develop project concepts that address safety and complete streets
- Recommend for budget

Identify Needs

Candidate projects
 identified through
 community input, NRTs,
 HIN, and staff observations



Evaluate Projects & Solution

SAFE STREETS

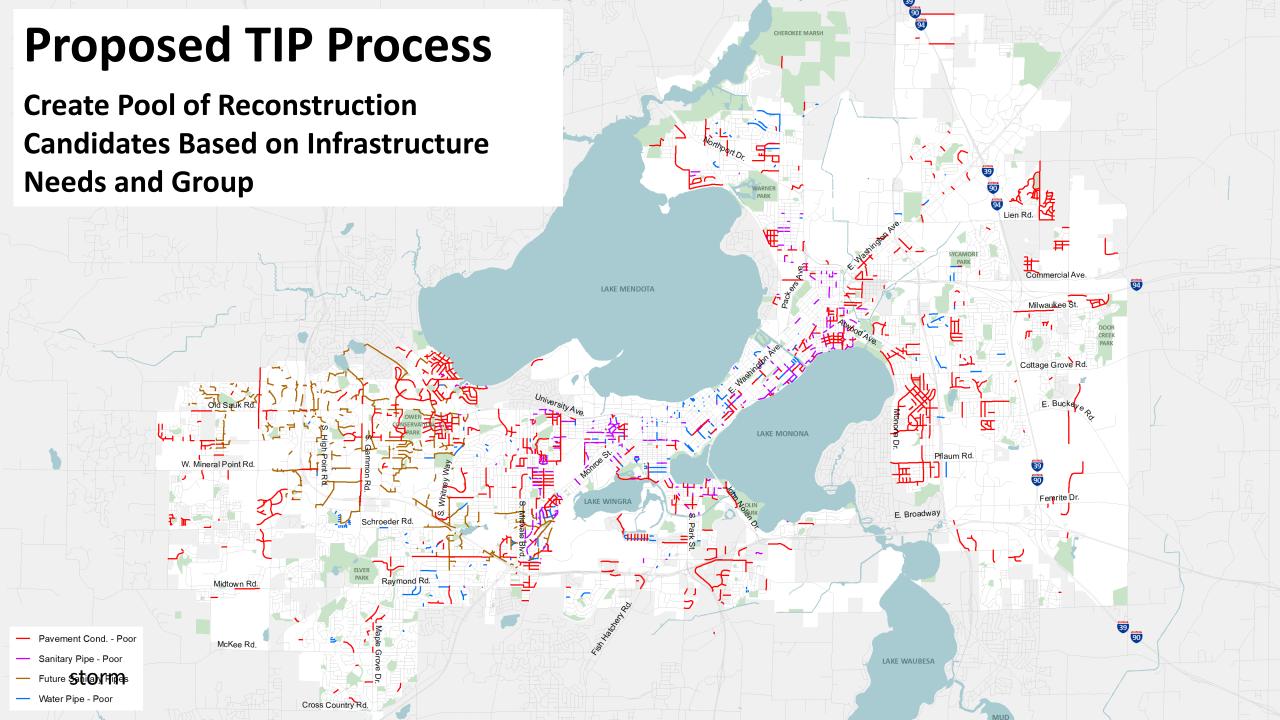
- Evaluate candidate projects using safety, equity, ability to fill gaps, cost as metrics
- Prioritize



TC Approval

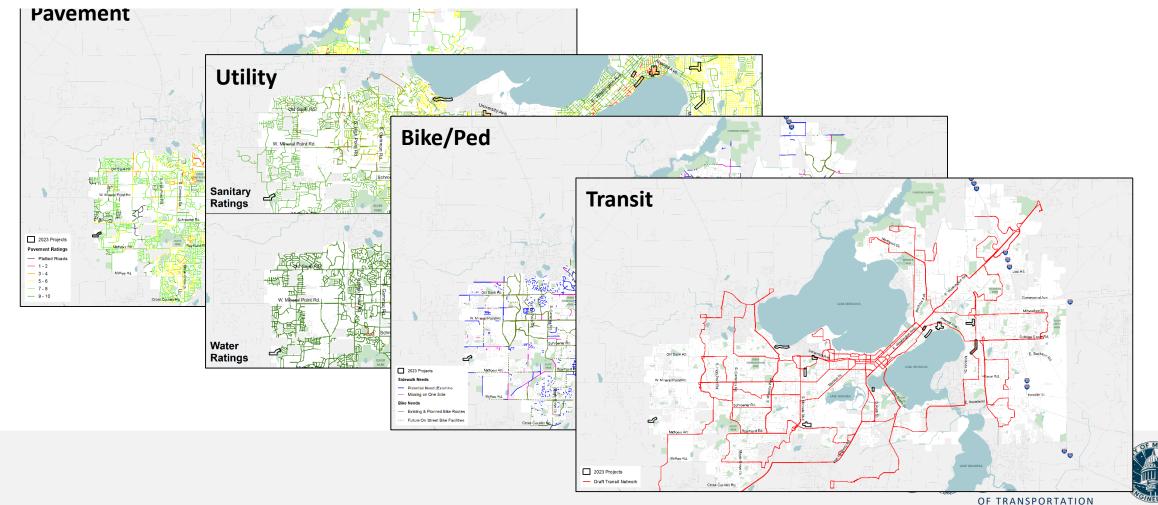
- Review evaluation
- Modify prioritization as appropriate
- Approve

NON-RECONSTRUCTS
Pavements without
critical needs



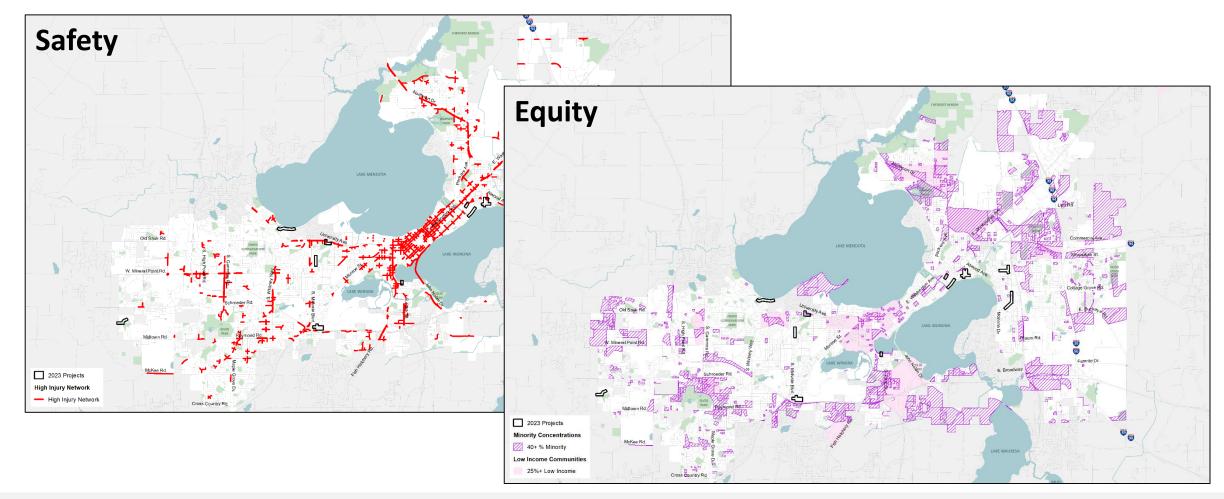
Proposed TIP Process

After candidate pool is established, Prioritize Based on Safety, Equity, Bike, Ped, and Transit (with consideration for eminent utility and pavement risks)



Proposed TIP Process

Weight Scores Based Safety & Equity







Proposed TIP Process – Next Steps

- Determine appropriate scoring for Pavement Condition, Utility Needs, Bike, Ped, and Transit
- Determine appropriate weighting for safety and equity
- Run process on and prioritize approximately 8 years of projects
- Report Results to TPPB in April/May 2022



2023 TIP Slides