Draft MTP

TAC – April 4th 2023

Chittenden County RPC
Communities Planning Together

Metropolitan Transportation Plan (MTP)

- The MTP is the region's **principal long-term transportation plan** that sets the regional transportation **vision and goals**.
- The MTP is one of four key responsibilities of an MPO in addition to the TIP, UPWP and PPP
- The MTP is updated every five years and is a fiscally constrained document
- Federal Regulations (23 CFR 450.324(f)) mandate what needs to be included in the document

Transportation Vision & Goals

Vision: A regional transportation system that is **safe, efficient, reliable, and resilient**; provides for interconnected and sustainable **mobility choices** in support of **livable, equitable, and healthy communities**; addresses the **climate crisis**; and supports the **economy** of the region.

Goals: Safety; Livable and Healthy Communities; Mobility & Efficiency; Equity; Environment and Resilience; Economy; Existing Transportation System

MTP - Financial Plan

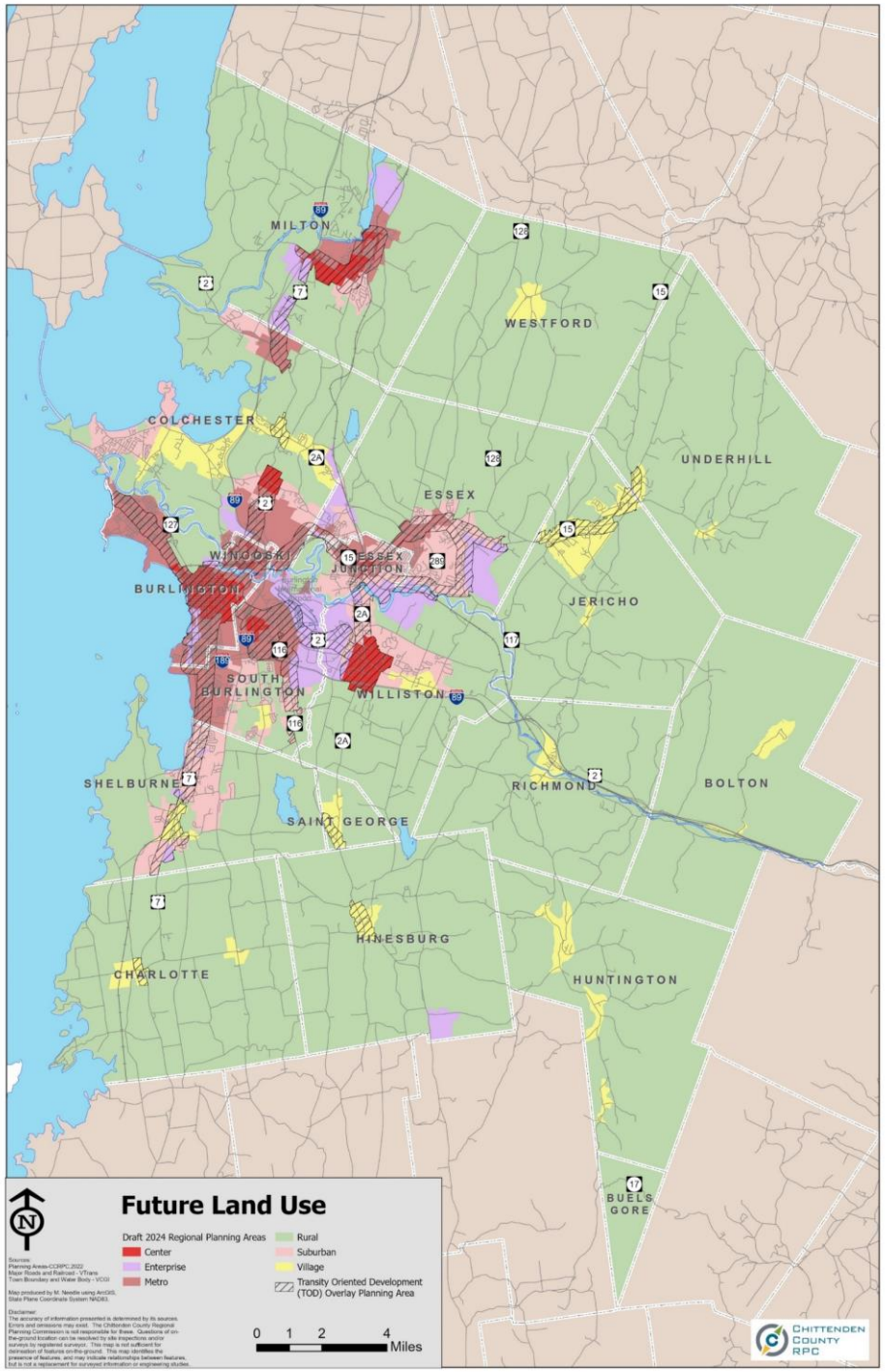
- The MTP is fiscally constrained – plan projects and programs must have funds available.
- The MTP Financial Plan estimates how much money we expect to have available by 2050 in Chittenden County for plan implementation.
- The Financial Plan also estimates percent of funding that goes towards maintaining our transportation system and implementing new projects.
- The MTP Financial Plan estimates for 2050:
  - **$1,028.1** million *or* **70%** of the funding goes to maintenance
  - **$440.6** million *or* **30%** of funding goes to new modernization and enhancement projects

Future Land Use

- **2013 & 2018 ECOS:** 80% of households in existing areas planned for growth
- **2018 MTP**: 90% of households in existing areas planned for growth with concentration in the urban center and village planning areas.
- **2023 MTP**: 90% of households in existing areas planned for growth & add a Transit Oriented Development Overlay (TOD) to the future land use map to reinforce the need for more dense development around primary transit routes.

Future Land Use Map

TOD Planning Areas are generally within a quarter mile from Green Mountain Transit's primary and commuter routes that are also located in areas within the County's areas planned for growth.

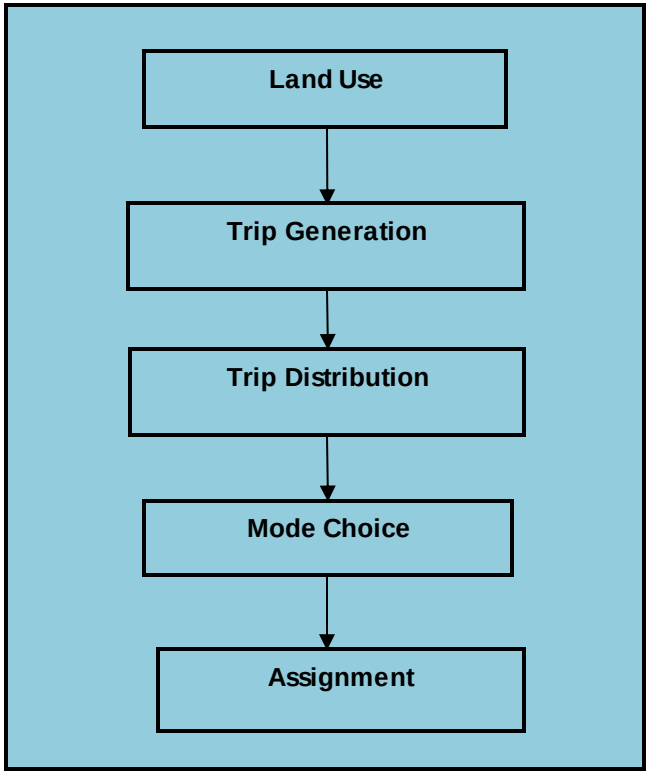


CHITTENDEN COUNTY RPC
Communities Planning Together

Evaluated Scenarios

Regional Transportation Model was used to evaluate the following scenarios:

- 2020 Base
- 2050 Base with Planned Projects
- 2050 MTP (2018 Plan)
- I-89 2050 Study

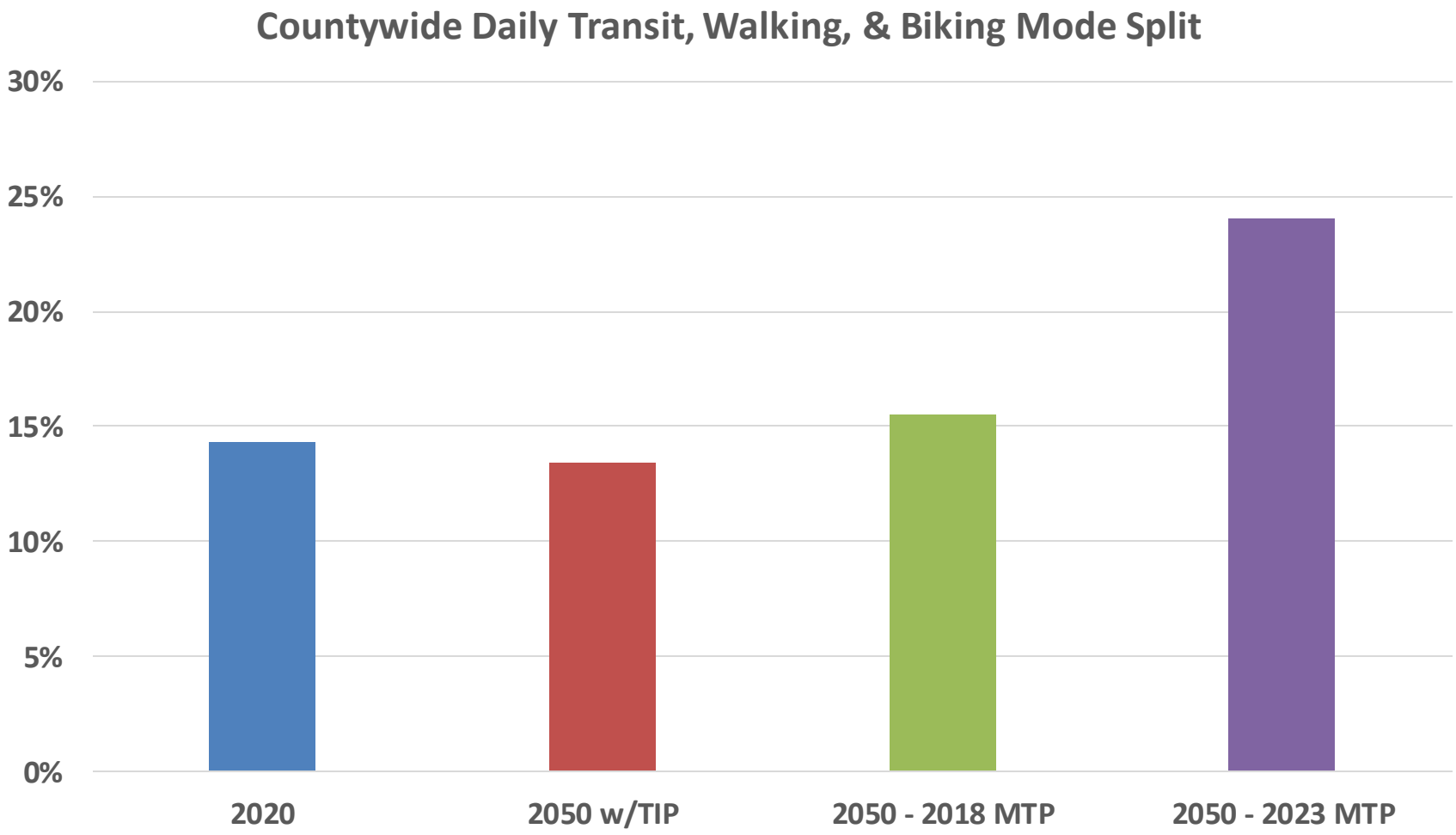


MTP Scenario

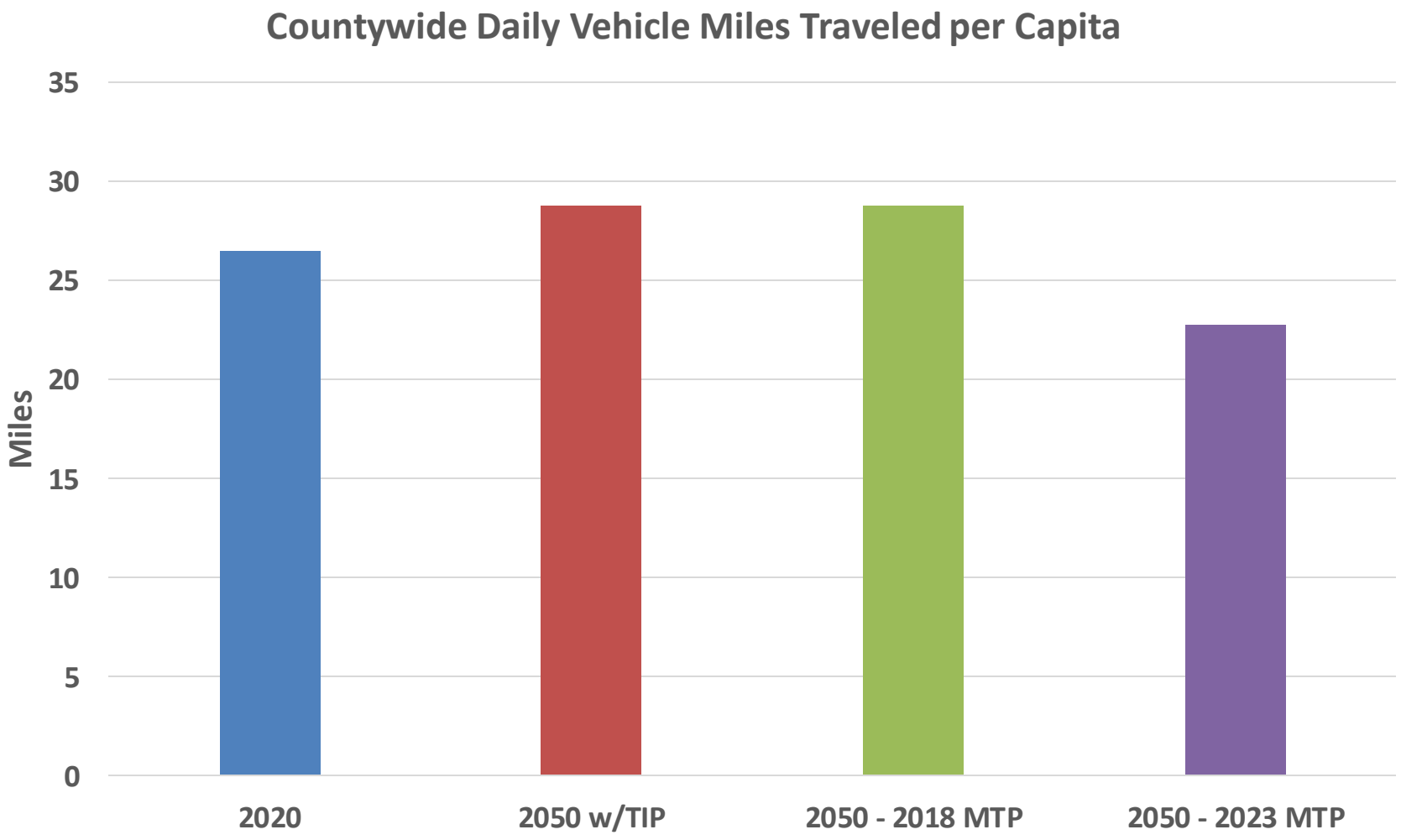
2023 MTP is the I-89 2050 Study Scenario

- 2050 housing and employment growth
- 90% of households in existing areas planned for growth while encouraging higher concentration along major transit routes
- New Exit 14 Interchange (DDI? preferred alternative from FY24 study)
- Safety improvements at High Crash Locations
- TIP and MTP projects
- Mileage-based fee (5 cents/mile)
- Significant Transportation Demand Management Investments
  - increase teleworking by 50%;
  - double trips made by bike;
  - triple transit services and improve frequencies;
  - double participation in TDM programs; and
  - increase cost of parking in villages and downtowns.

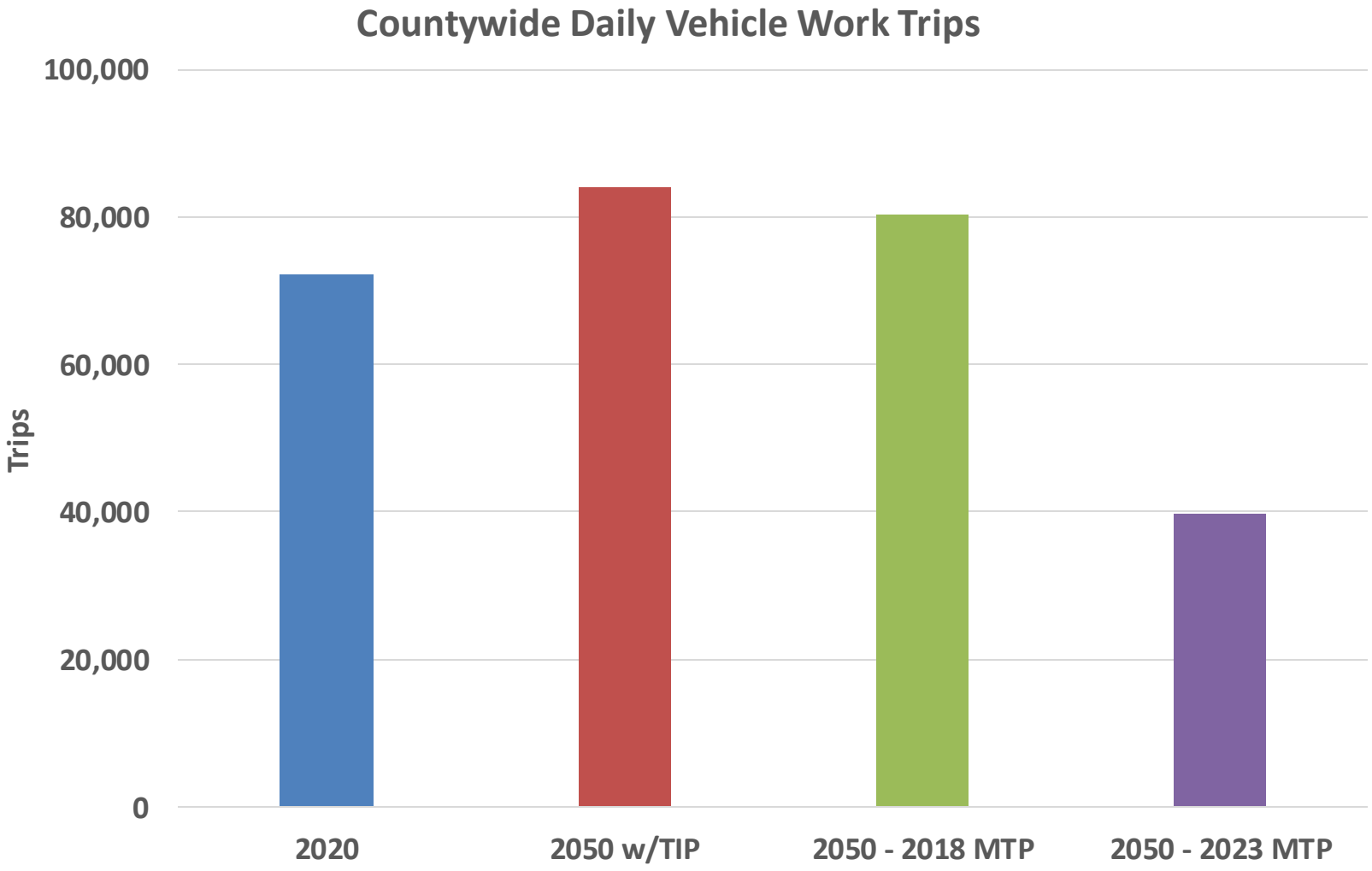
Scenario Results



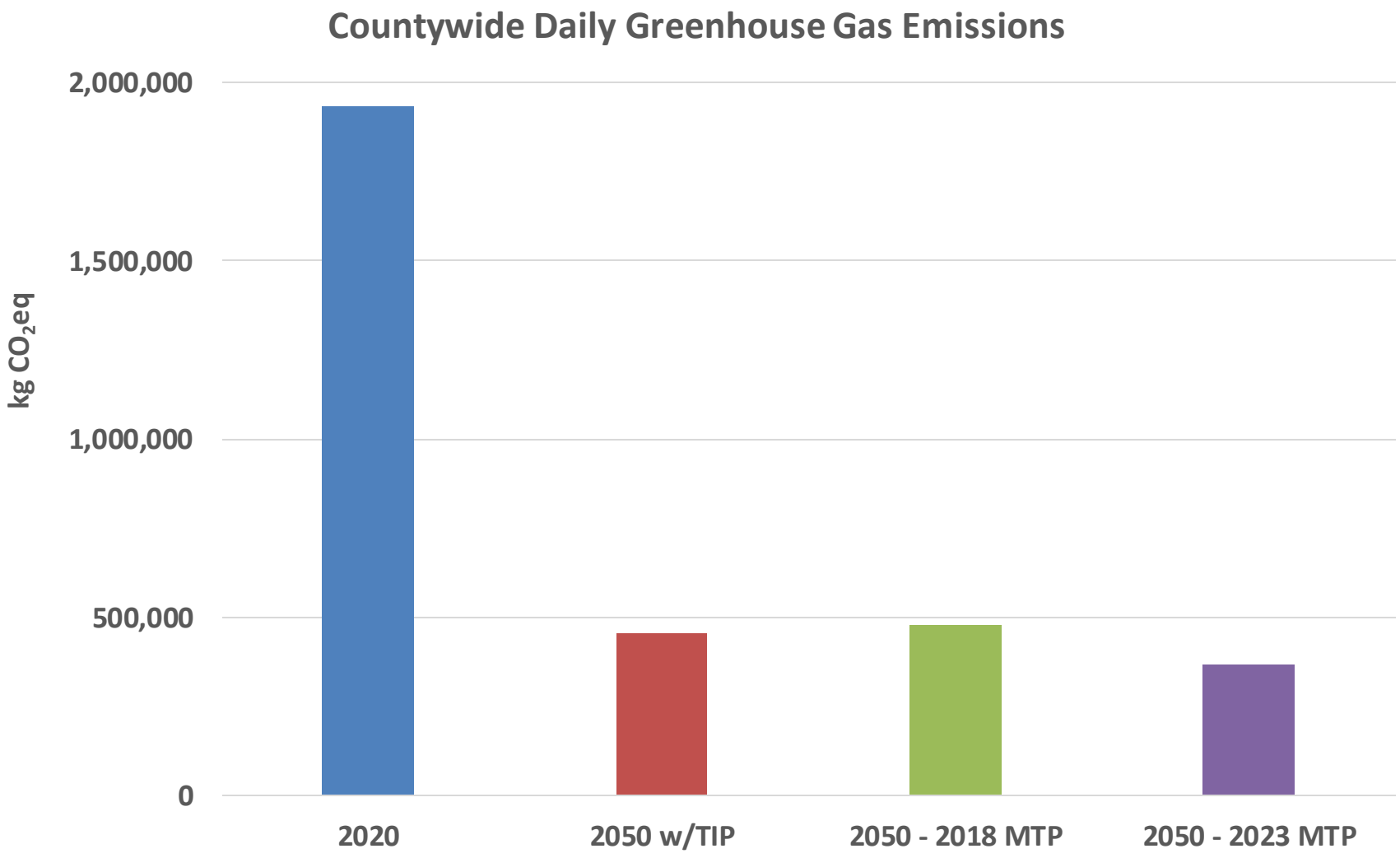
Scenario Results



Scenario Results



Scenario Results



Proposed 2023 MTP Investments

- Maintain and improve the existing transportation system
- Encourage higher density along major transit routes in areas planned for growth
- Work with partners to establish a more sustainable source of transportation funding (mileage-based fee?)
- Invest in a robust transit system in the county
- Increase investments for walk and bike infrastructure
- Promote TDM programs
- Promote a shift from gas/diesel vehicles to electric/hybrid
- Support and enhance rail infrastructure
- Implement MTP projects

Modernization and Enhancement Projects

- $440.6 million in Federal Funds
- 121 Projects
- Over 95% of projects include bicycle and/or pedestrian improvements
- Over 95% of investments in areas planned for growth (*paving and bridge projects not included on this list)*
- Improvements at 40 high crash locations
- 24% of investments in census tracts with 20% or more people:
  - identifying as non-white alone
  - with incomes below the poverty level
- Over 24% of investments in census tracts with 8% or more people with limited English proficiency

Proposed TAC Motion

TAC recommends that the Board warns a Public Hearing at their April 19th meeting for the 2023 MTP on May 17th

Next Steps

TAC Meeting Today

Present the Draft MTP to the LRPC and Board in April where a Public Hearing is warned for May 17th

Public Hearing and Adoption at the May 17th Board Meeting

THANK YOU!

CHITTENDEN COUNTY RPC
Communities Planning Together