

Executive Summary

The city of Thornton initiated the Transportation and Mobility Master Plan (TMMP) to replace the 2009 *Thornton Transportation Plan*, to incorporate the 2017 Parks and Open Space Plan, and to supplement the Thornton Comprehensive Plan, *Thornton Tomorrow Together*. The Transportation and Mobility Master Plan is a multi-modal transportation plan that details the needs for various transportation modes, impacts of new transportation technology, implementation strategies, and responsibilities.

Since the 2009 Transportation Plan, the city of Thornton has experienced significant growth, the transportation network has changed, and new policies and programs are in place. These changes require a multimodal transportation plan that will move people efficiently and safely in the future.

The Thornton TMMP applied a community-based data-driven process to developing a set of prioritized recommended projects, programs, policies, and studies. Together, as these projects are implemented, they will transition the city towards a more efficient and comfortable transportation network that safely moves people of all ages and abilities.



The overall vision is a transportation network and mobility plan that expands transportation options to enable a resident to access all areas of Thornton in a timely manner without using a private vehicle. Thornton desires a holistic multimodal and mobility view, approach, and evaluation of current and future transportation needs.



To provide an interconnected multimodal transportation network and mobility plan for all people to access goods, services, residences, and employment and accommodates safely moving people, goods, and services using a variety of modes that includes vehicle, bicycle, pedestrian, bus, shuttle, and passenger rail based on the future land use projections and overall vision for the city.



Future Roadway Network

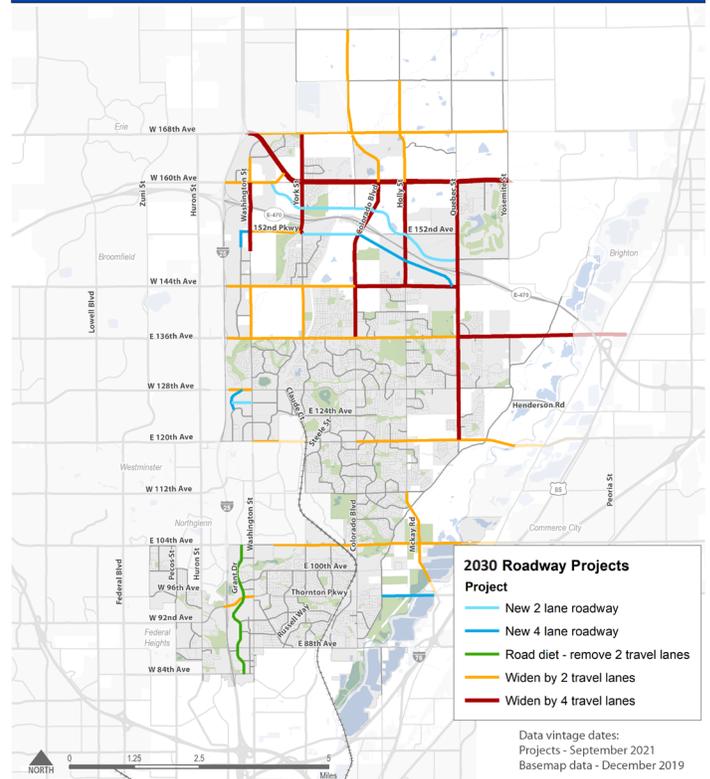
The Roadway Plan provides guidance for the expansion of the vehicular network in both 2030 and 2050. The development of this plan included community input, stakeholder input, City Council direction and data driven information from the DRCOG travel model. This set of recommendations includes new roadways, widening of existing roadways, and reallocation of roadway space for people biking. Implementing these recommendations is in accordance with the vision and goals of TMMP.

Figure ES.1 and Figure ES.2 show the 2030 Short-term Roadway Plan and the 2050 Long-term Roadway Plan, respectively, for the City of Thornton.

Larger versions of Figure ES.1 and Figure ES.2 can be found on page 5.3 and 5.7.

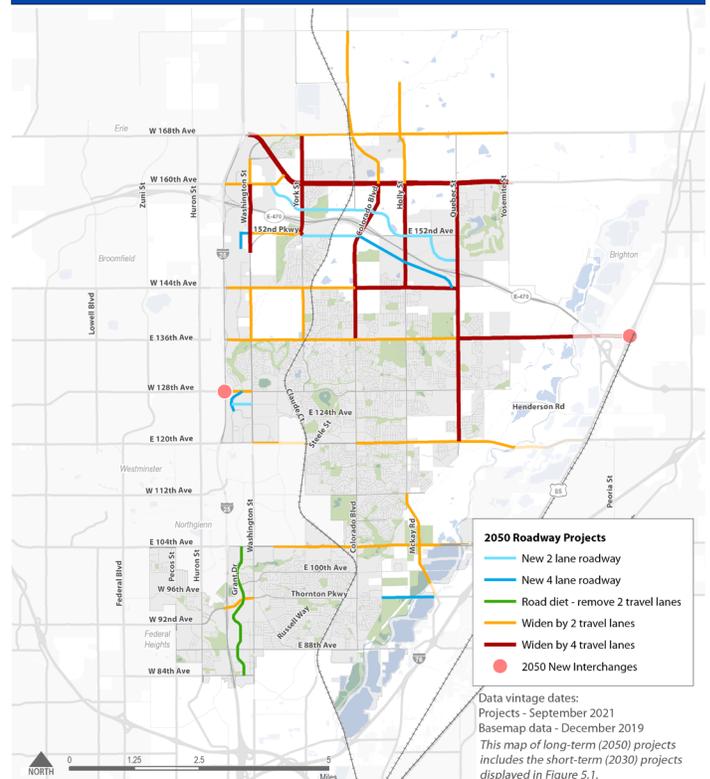


Short-Term (2030) Roadway Projects



City of Thornton **Figure ES.1**

Long-Term Roadway Projects



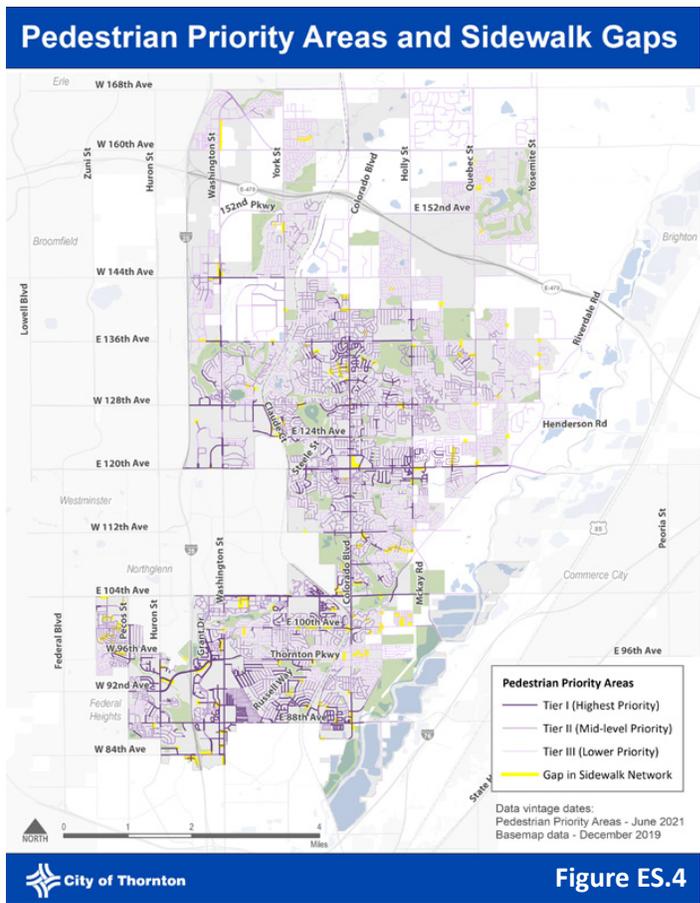
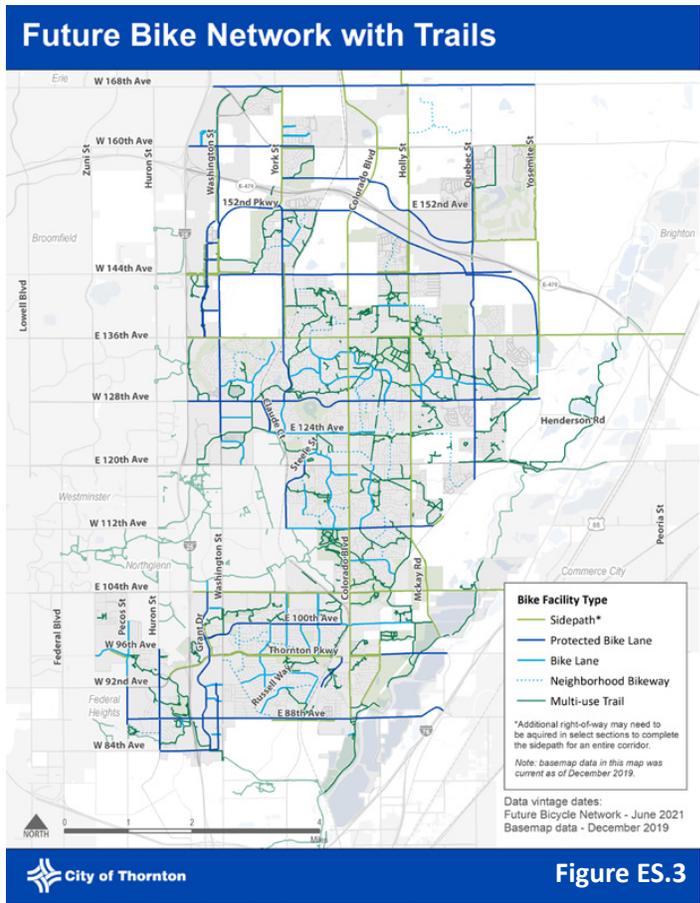
City of Thornton **Figure ES.2**

Future Bicycle Network

The future bicycle network displays a vision for a low stress and connected bicycle network across the City of Thornton for implementation by 2050. The network was developed by incorporating public input, filling network gaps with low stress connections, and proposing upgrades to the high stress-facilities identified in **Figure ES.3**.

Future Pedestrian Network

Thornton’s TMMP creates a tiered system for prioritizing pedestrian improvements across the city. This prioritization does not include safety hazards that need immediate attention such as a raised section of sidewalk causing a trip hazard. **Figure ES.4** displays the different tiers of pedestrian priority areas across the city and highlights gaps in the existing sidewalk network.



Larger versions of **Figure ES.3** and **Figure ES.4** can be found on page 6.5 and 7.4.

Future Transit Network

Figure ES.5 shows the vision for the 2030 Transit Network in Thornton. Implementation of this vision increases local weekday fixed-route transit service hours in Thornton by about 30-35% from what exists in 2020.

Figure ES.6 illustrates the 2050 transit network vision for Thornton. The proposed future transit network connects most of the city to high quality transit service, improving the utility of transit as a viable option to connect homes, services, and jobs within Thornton and the region. This future network provides more frequent service than exists today, covers more of the city, and through higher frequencies better enables connections between different local bus routes and regional transit service.

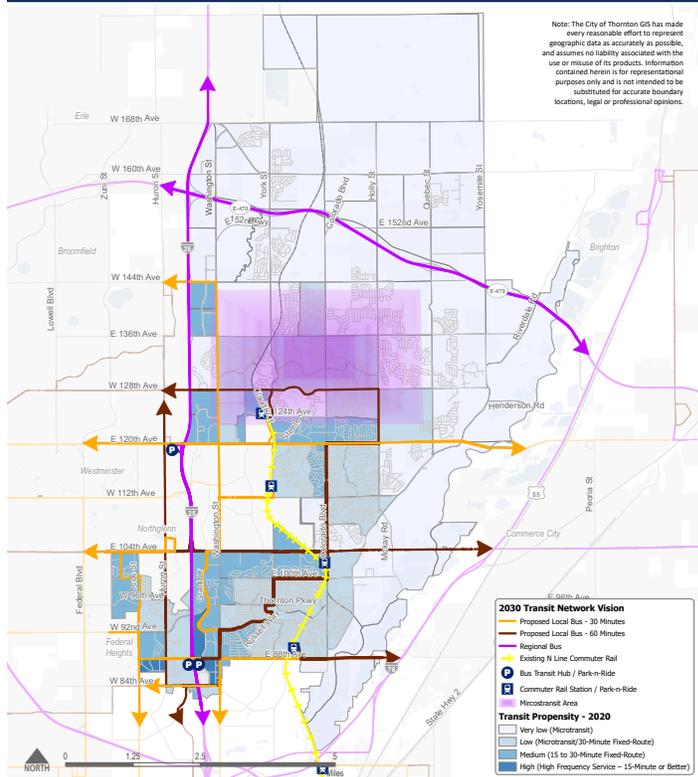
Performance measures

Performance measures are important to evaluate the current success of the city, track the success of the city in the future, and modify the path forward if needed. These performance measures will not only provide a framework to continually assess the performance of the city, but also enable city staff to communicate outcomes as the transportation system changes in the future. The performance measures can be used on a continuous basis for evaluation of the projects recommended in this plan.

The Thornton TMMP is a long-term transportation and mobility plan that will serve as a guide for the city as growth continues to occur. Many projects, programs, policies, and studies are recommended for all modes of transportation (vehicle, transit, bikes, and walking) to help maintain or improve the quality of life for the city's residents. Creating a plan that identifies future improvements provides the city with a blueprint for funding requests to implement any recommendations as well as to work on the preservation of the right-of-way to either provide additional roadway capacity, enough curb space for transit stops and stations, and/or safe pedestrians and bicycle facilities.

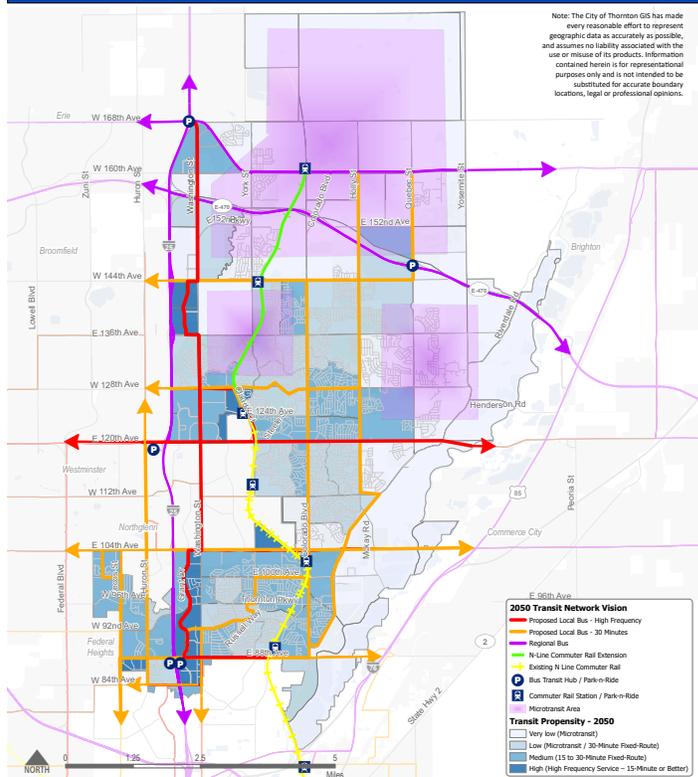
Larger versions of Figure ES.5 and Figure ES.6 can be found on page 8.15 and 8.10.

Thornton Transit Vision - 2030



City of Thornton **Figure ES.5**

Thornton Transit Vision - 2050



City of Thornton **Figure ES.6**