

Mobility Plan

As identified in public opinion throughout this planning process, the overarching issue in Mount Pleasant is traffic. To address these concerns, the Town has undertaken the creation of a new mobility plan as part of this comprehensive planning process. This Town of Mount Pleasant 2040 Mobility Plan establishes the long-range vision for the multimodal transportation system connecting the Town and presents the transportation policies, programs and improvements that are needed to help move people and goods safely and conveniently around the community.

This integrated land use and transportation planning effort provides the unique opportunity to ensure that land use and transportation goals, objectives and strategies are not only consistent with each other but also supportive and coordinated to better realize desired future outcomes. The coordination of land use and transportation with priority investment planning is one of the key associations that needs to be considered for local governments to meet the demands of future growth

MOBILITY POLICY RECOMMENDATIONS

While projects or infrastructure improvements are often the first thing that comes to mind when thinking of improving transportation, Policies and Programs are also very important for attaining mobility goals. Policies provide high level guidance and promote or require actions towards a goal or priority. In a related function, programs provide specific direction to conduct additional data collection, analysis and better define future actions.

The outreach efforts and analysis conducted during this plan update identified several policies and programs that would advance the goals of the plan. The proposed policies and program actions may include the following:

1. Define a policy to address traffic, parking, and safety concerns during special events and develop a plan for the Town to implement during their occurrence.
2. Refine Town policies to identify potential regional transportation incidents and emergency scenarios that may require routing preference and evacuation route identification.
3. Develop a program to monitor emerging technologies (autonomous vehicles, SMART infrastructure, etc.) and develop implementation strategies as determined appropriate.
4. Define a policy to identify strategies and opportunities for maximizing the efficiency of existing infrastructure, including traffic operational improvement studies.
5. Support, plan for, and provide multimodal mobility options in Town policies and criteria established in zoning and land development regulations.
6. Define a policy to further integrate land use and transportation planning throughout the development approval process, supporting recommendations in the network and district plans within the comprehensive plan.

7. Plan for infrastructure resiliency particularly as it relates to evacuations, flooding, and storm water management.
8. Incorporate green infrastructure design guidelines to improve stormwater management and water quality techniques when modifying a transportation right of way, reinforcing the guiding principles of the green network.
9. Create new interconnections within the public road system to allow for a better flow of traffic Town-wide.
10. Bicycle and pedestrian facilities should be improved to allow a viable safe alternative to vehicular travel, particularly for access to area schools and businesses.
11. Public transportation plans should be incorporated into future redevelopment plans to build a framework for transportation alternatives.

DRAFT COMPREHENSIVE PLAN REFERENCE: P. 73 (P. 4-51)

<https://www.tompsc.com/DocumentCenter/View/29786/TCDraftPlanReduced>