

CREATING MOBILITY HUBS TO CONNECT TRANSPORTATION MODES IN SCOTT COUNTY

RESILIENT COMMUNITIES PROJECT

Scott County is located in the southwest metro and was the fastest growing county in the state of Minnesota for the last couple of decades, with a 45% increase in total population. The county is a mixture of suburban and rural land and its major cities include: Shakopee, Prior Lake, Savage, Jordan, New Prague and Belle Plaine.



Project description

Mobility Hubs are a central point in a transportation network that seamlessly integrate several modes of transportation, multi-modal supportive infrastructure, and placemaking strategies to create centers that maximize first-mile last mile connectivity.

Mobility Hubs are typically designed and implemented in urban areas but the city of Shakopee, because of its unique business and entertainment factors, could benefit from this concept as autonomous vehicles and other societal changes make owning a vehicle less likely in the future.

The purpose of this project is to envision the design of Mobility Hubs and how they can function in a suburban setting and specifically how the Marschall Road Transit Station in Shakopee can transform into a hub. Students will explore how the transit station can best meet the needs of residents by accommodating bikes, scooters, hourCar, and autonomous vehicles that could be the first/last mile solution for commuters and also for those traveling to the region for jobs and to the entertainment districts of Mystic Lake Casino, Canterbury Park, and ValleyFair. In addition, this project will also explore the impact of future transportation modes on surface parking lots and car dealerships in the area, particularly the dealership located next to the transit station.

Key issues, questions, and ideas to explore

1. What are the best practices and approaches for mobility hub planning?
2. How could the Marshall Road Transit Station in Shakopee transform into a mobility hub?
3. What other viable locations in Scott County could serve as future mobility hubs?

How will students' work be used to build community resiliency?

- To provide SHIP staff the tools they need to engage with residents to identify barriers around accessing healthy food and physical activity opportunities in racially and ethnically diverse populations
- To align with SHIP's goals to create healthier communities across MN by expanding opportunities for active living, healthy eating, and tobacco-free living

Potential community partners or stakeholders

- Scott County city: Shakopee
- Smartlink
- Minnesota Valley Transit Authority (MVTA)
- Mobility Hub Collaboration

Existing Plans & Reports

- Twin Cities Shared Mobility Action Plan (2017)
- Scott County 2040 Comprehensive Plan
- Envision Shakopee: 2040 Comprehensive Plan
- Transportation Needs of Young People Aged 16-24 in Scott County, MN (RCP report)
- Planning for Connected & Autonomous Vehicles: Shared Mobility in Scott County (RCP report)

UofM RCP Contact

Sarah Tschida, Coordinator
University of Minnesota
tschi066@umn.edu, 612.625.6550

Project lead

Alan Herrmann, Transit Supervisor
SmartLink Transit
Ahermann@co.scott.mn.us, 952.496.8610



Resilient Communities Project

UNIVERSITY OF MINNESOTA