Agenda

PROJECT SUMMARY
STAKEHOLDER ENGAGEMENT
HISTORY & OPPORTUNITIES
OUTCOMES & OBJECTIVES PREVIEW
IMPLEMENTATION
What are Mobility Hubs?

“A place where people can connect with multiple modes of transportation in a safe, comfortable, and accessible environment, facilitating convenient and reliable travel”

-Twin Cities Shared Mobility Collaborative, Mobility Hub Whitepaper

Source: Sophia von Berg, Hamburg

Source: City of LA, Schofield Railway Station - Sydney
PROJECT SUMMARY
Project Scope

- Stakeholder Engagement
- Mobility Hub Mapping Analysis
- Mobility Hub Typology
- Mobility Hub Planning Guide
- Interjurisdictional Coordination and Implementation Issues
Project Elements and Phasing

Phase 1: Discovery & Direction
February – April 2021
- Siting Analysis Stakeholder Meeting
- Policy & Plan Review
- VMT Reduction Memo

Phase 2: Methods & Analysis
May – July 2021
- Definitions and Tools Workshop
- Siting/Screening Analysis
- Hub Typology Catalog
- Type & Problem Statements

Phase 3: Guidance & Tools
June – December 2021
- Planning & Implementation Meeting
- “Kit of Parts” Design Guidance
- Decision Tool
- Underserved Community Hub Toolkit
- Mode/Service Selection Matching Tool
- Coordination & Implementation Issues
- Mobility Hub Planning Guide
Stakeholders Committee

- Project Stakeholders:
  - MVTA, SouthWest Transit, Plymouth Metrolink
  - Nice Ride MN, HOURCAR
  - U of M Humphrey School
  - Cities of Minneapolis, Saint Paul, Maplewood, Maple Grove, Woodbury
  - Scott, Carver, Ramsey, Dakota, Hennepin, Washington counties
  - MnDOT, TAAC, CAAPB
  - Move Minnesota, Musicant Group
PROJECT HISTORY & OPPORTUNITIES
Scenario Planning 3
Equity Focus

The demographic layer is double-weighted. In comparison with scenario planning 1 – equal focus, there are different 2nd tiered hubs identified for improving equity.

<table>
<thead>
<tr>
<th>User Group</th>
<th>Weight</th>
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<td>B. Economic</td>
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<td>D. Access</td>
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<td>E. Behavior</td>
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Hub Highlights:
Piloting and Implementation

MINNEAPOLIS PILOT

Photo: City of Minneapolis

ST. PAUL HOURCAR PILOT

Through a unique partnership, car sharing in the Twin Cities will be more convenient, affordable, and accessible than ever before. This means communities that experience excess auto emissions will see cleaner air and people who are car-less will have more options. There will also be charging available for privately owned electric vehicles.

What’s Included in the new EV network?
- Electric Vehicle Carshare Fleet + Public Curbside Charging Hubs

What is Car Sharing?
- Car sharing provides the benefits of car access without the burden of car ownership. By becoming a member of a car sharing network, you have access to cars throughout a service area for short-term rental.

Public Chargers
- Hubs near bus stops, busy shopping areas, and other neighborhood spots

One-way & Two-way Trips
- Connect easily to bikes, scooters and transit

Small membership fee + Per-minute pricing
- Pick up/drop off anywhere within 35 sq. mile EV zone

Visit hourcar.org to explore current service. More info at www.stpaul.gov/EV Email at charging liaisons@stpaul.mn.us
Hub Highlights:

ABC RAMPS - Retrofit

REGIONAL SOLICITATION

- Golden Triangle Mobility Hub (2020)
- Southwest Transit Mobility Hub (2018)

Photo: MNDOT, Musicant Group
Hub Highlights:

Branding

METRO TRANSIT TRANSFER POINT WAYFINDING

EV CHARGING HUBS

MINNEAPOLIS HUB SIGNAGE

This is a pilot!
Helpful? Interesting? Tell us!
Call 311 or email mobilityhubsmls@gmail.com
Initial Hub Network Ideas

Twin Cities Shared Mobility Collaborative Mobility Hub Working Group worked together to identify potential locations during an April 2020 workshop.

Mobility Hubs - Top Choices
- 55W & 46th
- ABC Ramps
- Broadway & Central
- Ford Site
- Hiawatha & 46th
- Lake & Chicago
- Lowry & Penn
- Mall of America
- MSP Airport
- Raymond & University
- Rice & University
- Rosedale Mall
- Snelling & University
- Southdale Mall
- Sun Ray
- Union Depot
OUTCOMES & OBJECTIVES REVIEW
Outcomes Drive Mobility Hub Action

Guiding Outcomes
- Thrive 2040 Transportation Policy Plan

Hub Objectives
- Regional Objectives
- Local Objectives
- Hub-Specific Objectives

Planning & Management Actions
- Siting Criteria
- Hub Performance Metrics
- Mode Selection/Priority
- Amenity Priority
- Access Hierarchy
- Curb Priority
Regional Transportation Outcomes – Draft

Connect the Region
Expand and Integrate Multimodal Travel Options
Increase travel safety
Advance Equity
Enhance Neighborhoods
MOBILITY HUB SITING ANALYSIS APPROACH
Mobility Hub Siting Analysis

**STEP 1**
ALIGN OUTCOMES TO OBJECTIVES

**STEP 2**
DEVELOP HUB UNIVERSE

**STEP 3**
CLUSTER HUB NETWORK

**STEP 4**
ASSIGN TYPOLOGY

**STEP 5**
SCREEN FOR OBJECTIVES

**STEP 6**
PRIORITIZE SCREENED LOCATIONS

HUB OBJECTIVES

INDICATORS

SCREENING

PRIORITIZATION
Mobility Hub Siting Analysis

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**STEP 6**
PRIORITIZE SCREENED LOCATIONS

- High-Capacity Transit Stations
- Park & Ride Locations/End-of-Line Terminus
- Transit Centers
- Frequent Transit Connections (two or more)
- Major Demand Generators (stadiums, universities, MSP, Mall of America, etc.)
- Areas of Mobility Need (no frequent transit and/or limited vehicle availability)
Guide Implementation

- Assist local governments and transit agencies in identifying potential hub locations for funding applications
- Guidance to local communities on hub design, best practice, and implementation barriers
- Potential training series for developing local hubs
THANK YOU!

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