



TOWN OF MAMMOTH LAKES MOBILITY HUB STUDY AND PROGRAM

Client: Town of Mammoth Lakes
Project: Mobility Hub Study and Program
Date: December 6, 2019

WORKING GROUP MEETING #1 SUMMARY

Below are the items discussed during the meeting. Summary items from the meeting are indicated in italics.

ATTENDEES AND INTRODUCTIONS

Present	Working Group Member	Email
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PROJECT OVERVIEW

- Goals and Objectives of the project
 - Develop a tool kit that can be used by the Town for future mobility hub projects, including:
 - Guidance to help identify potential demand
 - Guidance to help identify opportunities and deficiencies of potential sites
 - Location acquisition feasibility
 - Infrastructure needs and availability
 - Cost/revenue considerations
 - Considerations for potential positive and negative impacts to mobility hub's surroundings
 - Analysis and preliminary recommendations for up to three locations to implement mobility hubs
 - Property acquisition/change of use
 - Transportation mode
- Project Overview
 - Mobility Hubs
 - Places of connectivity allowing residents and visitors to utilize and transfer amongst multiple modes of transportation
 - Modes of transportation often included with mobility hubs:
 - Personal vehicles, including electric vehicles
 - Transit (buses, shuttles, etc.)
 - Bicycles
 - Walking
 - Rideshare pickup/drop off
 - E-mobility (scooters, bikes, etc)
 - *Attendees noted that snow removal needs to be a primary consideration for mobility hubs in Mammoth Lakes as this presents some unique challenges to the location.*
 - Common features of mobility hubs:
 - Close access to retail and other attractions/destinations
 - Locker space for gear
 - Ability to evolve with changing transportation needs (adaptive reuse)
 - Bike/scooter docking



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- Parking
 - Attendees noted that the current system of having free public parking throughout Mammoth Lakes causes some issues, and implementing a pay system could be beneficial.
- Vehicle charging
- Bus stops/shelters
 - Attendees noted that there are a lot of components associated with ESTA that will need to be coordinated as planning occurs for the mobility hub after locations have been determined. Some of these issues include:
 - ESTA needs to only operate zero emission vehicles by 2040.
 - ESTA will only procure zero emission vehicles starting in 2029. The purchase of these vehicles is facilitated by a grant.
 - 25% of vehicles procured after 2026 must be zero emission.
- Multi-modal wayfinding
- Car sharing
 - Attendees also noted a number of other items for consideration that are unique to mobility hubs within Mammoth Lakes, including:
 - Community event access
 - Access to The Parcel
 - YARTS Electric Buses
 - Connectivity to Downtown
 - Potential land exchanges
 - Access to the Lakes Basin
 - Whitmore Recreation Area
 - A need to accommodate families and users transporting recreational equipment/gear
- Park once philosophy
 - Reduce traffic, encourage alternate modes of transportation
 - Attendees noted that parking along the shoulder of the roadway to the Main Lodge is a problem.
 - Attendees noted that there is a sizeable community that is willing to sleep in their vehicles overnight, particularly



associated with the transient nature of the workforce within Mammoth Lakes. Charging fees for parking may have an impact on this community.

- Previous Efforts Supporting Mobility Hub Study
 - Walk, Bike, Ride Action Plan
 - Parking and Snow Management District Feasibility Study
 - Main Street Plan
- Other project resources
 - Regional Transportation Plan
 - Mobility Element (General Plan)
 - *Attendees noted other plans to include for consideration are the Downtown/Main Street Plan, ESTA Short Range Transit Plan, the North Village Specific Plan, the Coordinated Human Services Plan, and any other relevant plans from LSC.*
- Focus on commercial areas within Town limits
 - Mixed land uses
 - Close access to common destinations
- Other potential locations for discussion:
 - Airport
 - *Attendees noted that there is discussion of moving commercial aviation in the region to the airport in Bishop. Attendees discussed the possibility of incorporating a connection to the Bishop airport for any future mobility hubs within Mammoth Lakes. As such, attendees noted that the current Mammoth Lakes airport should not be considered as a location for a mobility hub.*
 - Mammoth Mountain portals
 - *Attendees noted that they have 40 trail counters deployed in the area.*
 - Specific areas to discuss?
- Project Tasks
 - Must follow grant requirements for the project and generally consist of:
 - Review existing conditions (traffic data, parking data, previous documents, etc.)
 - Prepare memorandum summarizing existing conditions
 - Future demand analysis



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- Identify anticipated tourism, development, and other demands
- Prepare memorandum summarizing future demand analysis
- Mobility Hub Study
 - Summary of existing conditions and future demand analysis
 - Identify preferred number and location of mobility hubs
 - Detailed analysis of identified specific locations
- Create tool kit to aid in future mobility hub development

WORKING GROUP

- Working Group
 - Members
 - Diverse geographical, agency, and group representation
 - Expectations of Group
 - Participation to help guide the study and provide input on what Mammoth Lakes mobility hubs should include/exclude, location considerations, etc.
 - Assist with educating community on mobility hubs
 - Assist with building support for mobility hubs
 - *Attendees noted that buy-in to the locations of the mobility hubs will be key to success of the project.*
 - *Attendees also noted that smart branding and naming for mobility hubs will play a role in their success.*
- Anticipated Schedule
 - Working Group Meeting #1 December 2019
 - Project introduction, share ideas
 - Working Group Meeting #2 Feb/March 2020
 - Review of existing conditions analysis
 - Working Group Meeting #3 April/May 2020
 - Review of future demand analysis
 - Working Group Meeting #4 July/Aug 2020
 - Review draft mobility hub study and program
 - Plan for community workshop



OTHER

- Existing data that Kimley-Horn currently has or will be developing:
 - Traffic model update
 - Parking analysis
 - Transit stop locations and route information
 - Anticipated changes?
 - Bicycle facility data (bike rack size, locations, and use; bike lanes; etc.)
 - Tax parcel data/valuation
 - Zoning data
 - Recreation facility data
 - Location compatibility with existing zoning
- Outstanding data needs:
 - Transit ridership data
 - Anticipated ridership changes/growth?
 - Safety, security, and access data
- Open discussion and adjournment
- *Mammoth Mountain discussion items*
 - *Shoulder parking on road to Main Lodge is a problem*
 - *The Mountain assumes 2.5 skiers/parking space for planning*
 - *Village Gondola*
 - *60% of guests access the mountain from the Gondola?*
 - 18% go to Eagle Lodge
 - 60% to Canyon Lodge
 - 22% to Main Lodge
 - *Mammoth Mountain mentioned that a gondola extension is included in the Lodestar Master Plan and mentioned that previous mobility planning discussions have raised the potential for extending Gondola further into Town.*
 - *2500 employees at the Mountain during peak ski season*
 - *Transportation of approx. 70,000 passengers to/from Reds Meadow are during summer months.*
- *Trail counters have been deployed and info is available*



ACTION ITEMS

- *Joel to get trail counter data to Kimley-Horn*
- *Mammoth Mountain to provide information regarding data that has been collected regarding use of the mountain as well as future growth projections*
- *TOML to provide info pertaining to proposed MUPs and sidewalks and related transit improvements.*