

Mobility Hubs Guidebook & Pilot Concept Design



Mobility Hub 101

Definition

A place where people can connect to multiple modes of transportation to make their trip safe, convenient, and reliable.

Helps With:

- Creates enhanced public spaces
- Promote economic development
- Improve pedestrian/customer experiences
- Encourage non-SOV use
- Advance goals to create a connected urban transportation environment

Case Study

Gateway Mobility Hub

- Portland, Oregon
 - Bus stop
 - Streetcar stop
 - Bikeshare
 - Short- and long-term bike parking
 - Protected bike lanes
 - Scooter parking
 - Drop-off zones for paratransit



Figure 2 South Waterfront Lower Tram Terminal Gateway Mobility Hub Portland, OR

Case Study

Intersection Mobility Hub

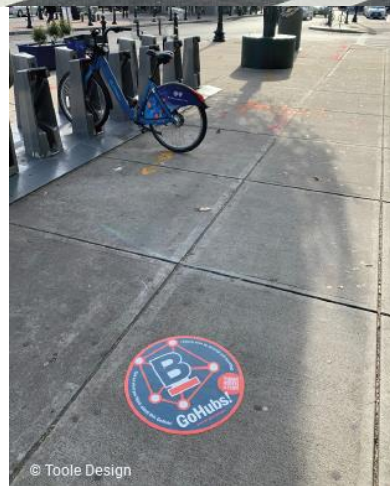
- Washington, DC – New Hampshire Ave & Georgia Ave NW
 - Bus stop
 - Bikeshare
 - Bike parking
 - Wide sidewalk
 - Pedestrian plaza
 - Public art



Case Study

Point Mobility Hub

- Boston, MA Grove Street
 - Placemaking
 - Wayfinding
 - Bikeshare
 - Public art
 - Stop-controlled intersection and striping improvements



Hub Elements

Transportation

- Pedestrian
- Transit
- Bicycles
- Micro Mobility
- Curbside Motor Vehicle

Placemaking

- Lighting
- Landscaping and Street Trees
- Public Art
- Street Furniture
- Parklets

Information

- Wayfinding Signage
- Digital Kiosks or Transit Screens

Pilot Concept

Court House Plaza Area

- ADA compliant pedestrian facilities (sidewalks and crossings)
- Highly traveled area
- Existing bus & rail transit
- Existing bicycle facilities and bikeshare station
- Scooter corrals
- Other placemaking elements (bicycle parking, public space/plazas, pick-up/drop-off, taxi stands and carshare)

Next Steps:



Pilot concept



Lessons learned



Create a Mobility Hub network through the County (if successful)



Focus on equity



Final Thoughts

- Obtain funding to push concept forward.
- Engage with the public to gather feedback on people's needs and preferred amenities for the mobility hub.
- Costs could may be offset by agreements with property owners, neighborhood associations, business improvement districts (BIDS), or other community stakeholders who may benefit from mobility hub construction.
- Public-private partnerships can defray costs and leverage the private sector's ability to innovate and adapt to emerging technologies. Advertising and sponsorship on different mobility hub elements like the digital kiosks could generate additional revenue but would need to be consistent with the County's public signage policies and any existing street furniture advertising agreements.







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car rental

mobility point

cycle center

bikesharing

e-carsharing

ridesharing



Find Out More Here:

https://www.arlingtonva.us/files/sharedassets/public/transportation/documents/des-arlington-micromobility-transit-hub-report_final2.pdf