

## VISION PRINCIPLES

1. Provide a balanced transportation network with improved roadway connections, enhanced public transportation options, and streets that encourage bicyclist and pedestrian mobility.
2. Invest in efficient water, sewer and waste disposal systems to serve existing communities and future growth.

## BIG IDEAS & CONCEPTS

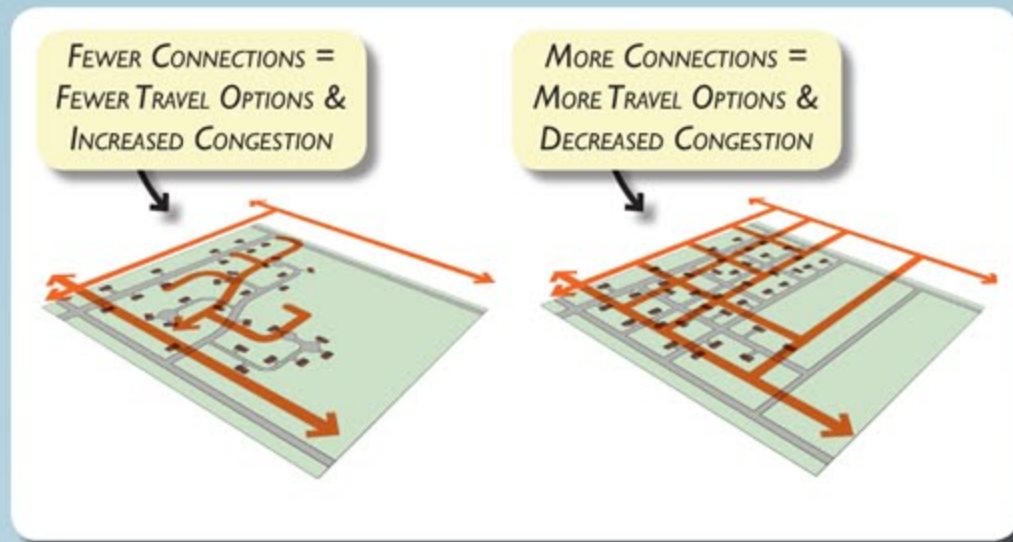
### 1. IMPROVED ROADWAY CONNECTIONS

As we grow and our street system expands, we will coordinate roadway planning to maximize connectivity, providing multiple routes to destinations and reducing congestion. The map features improved connections and capacity key to the regional road network. The inset below highlights the importance of local-scale connectivity.



#### 1a. Connecting Local Roads

While local roadway connections are not illustrated on the regional map, the impacts of better local roadway connectivity are regional. Adding connectivity reduces overall congestion and provides multiple ways to get from one location to another. This decreases pressure on regional roads and is cost effective, reducing the need for expensive high-capacity, regional roadways.



### 2. ENHANCED PUBLIC TRANSPORTATION OPTIONS

Public transportation options will be enhanced to match the capacity of service to the growth pattern and population intensity in an area.

- **Bus Rapid Transit** - Bus Rapid Transit (BRT), basically light rail on rubber tires, will service the most urban areas of the valley, from Hyrum to Smithfield, with a spur to Utah State University. If justified by future demand this line could transition to light rail.
- **Express Bus Service** - An express bus employs an efficient route with few stops and, therefore, a reduced drive time to its destination. Express busses would feature pick up and drop off points in larger towns. The map shows lines connecting Preston to Logan, Wellsville to Logan. The Wellsville line could extend to Brigham City and proposed commuter rail servicing the Wasatch Front.
- **Enhanced Peak-Time Bus Loops** - Enhanced peak-time bus loops will serve many smaller Cache County communities, providing more transportation options when need is greatest.
- **Peak-Time Vanpools** - Vanpools will serve smaller communities in Franklin County, providing an additional transportation option for the first time.

#### 2a. The Existing Public Transportation Network

Cache Valley is well served by its existing public transportation network, pictured at right. Key additions to existing service, as outlined on the large map and including bus rapid transit and the expansion of local and express bus service, signal more reliance on public transportation as a key long-term mobility strategy.



Pictures Courtesy of Cache Valley Transit District



Map Courtesy of Cache Valley Transit District

### 3. BIKE COMMUTE ROUTES

Bike commute routes provide a non-motorized, inexpensive and healthful transportation option, linking many communities in Cache Valley.

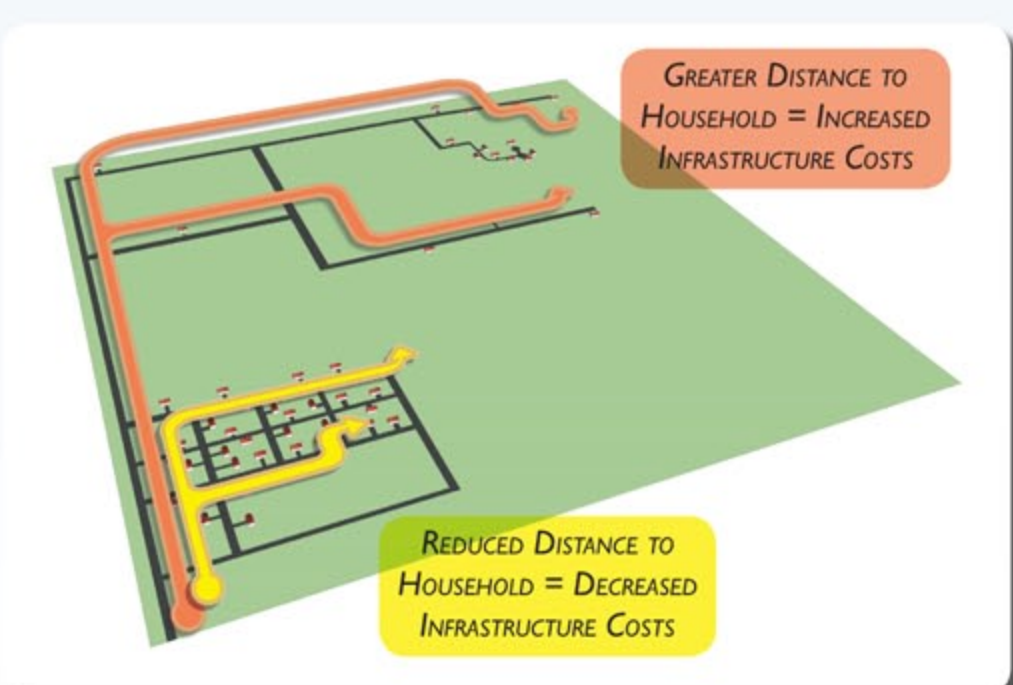
### 4. MOBILITY FOR EVERYONE

The streets in our communities are important public spaces that can significantly enhance livability, safety, and mobility. When street design and operation are sensitive to context and to all of their users, including pedestrians, bicyclists, and those riding public transportation, we make the most of a valuable public resource.



### 5. INFRASTRUCTURE EFFICIENCY

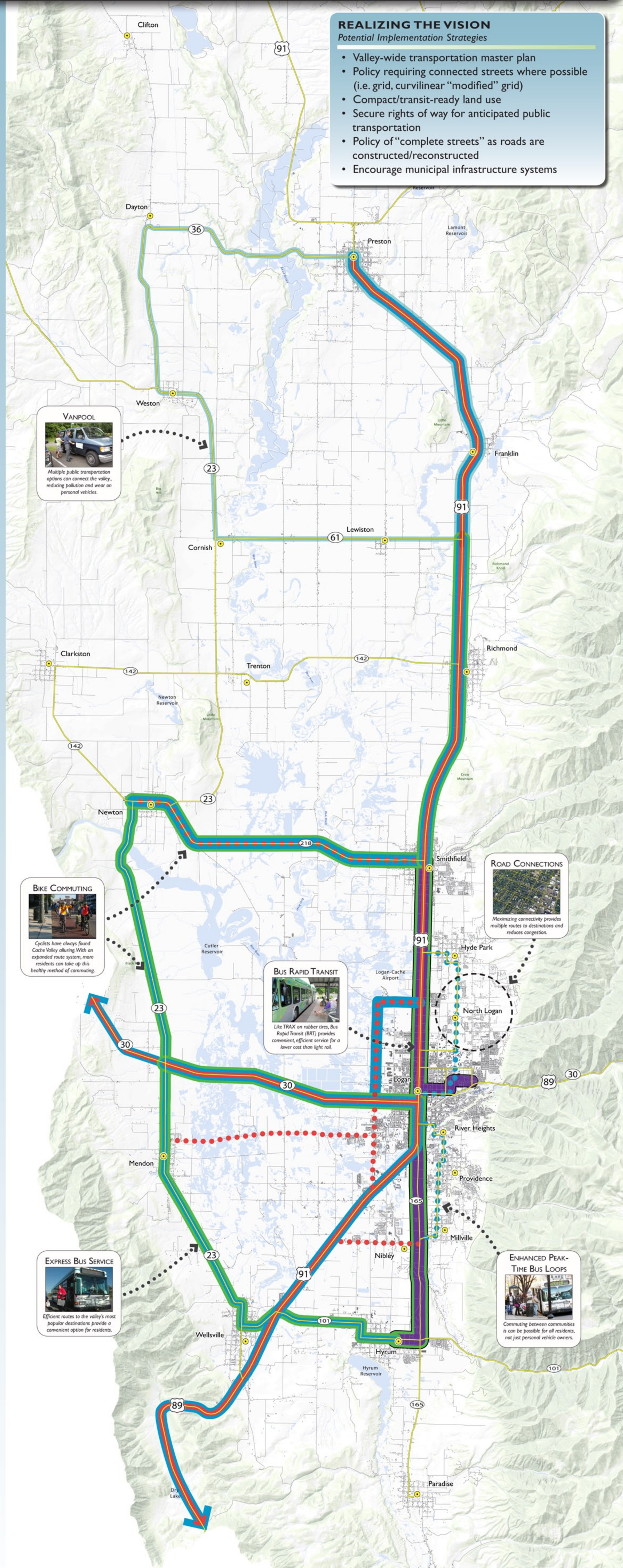
When overall development patterns are more compact, infrastructure usually becomes more efficient. Fewer miles of water and sewer pipes mean lower maintenance costs. All else being equal, a smaller house uses less energy than a larger one. The road network is shorter, costs less to construct, and uses fewer resources.



## REALIZING THE VISION

### Potential Implementation Strategies

- Valley-wide transportation master plan
- Policy requiring connected streets where possible (i.e. grid, curvilinear "modified" grid)
- Compact/transit-ready land use
- Secure rights of way for anticipated public transportation
- Policy of "complete streets" as roads are constructed/reconstructed
- Encourage municipal infrastructure systems



### General Map Legend & Scale:

- Existing Development (Residential)
- Existing Development (Commercial)
- Local Road
- Major Road

