Downtown Las Vegas Complete Streets Retrofit Program

MIKE JANSSEN, P.E., PTOE
DEPUTY DIRECTOR / TRANSPORTATION MANAGER
CLV DEPARTMENT OF PUBLIC WORKS

2015 ITE WESTERN DISTRICT ANNUAL MEETING
JULY 20, 2015
2015 Population: 625,000

26th Largest City in US

The Las Vegas Valley
WELCOME TO Fabulous DOWNTOWN LAS VEGAS NEVADA
May 1905 First 40 Blocks of Downtown Las Vegas Created

North/South streets 385 feet apart

East/West streets 480 feet apart

All original streets created with an 80 foot right of way
Downtown Reconstruction Today: Since 2007 $180M Invested; Another $150M next 3 years
HOW DO OUR RESIDENTS GET TO WORK?

90.8% DRIVE

4% TRANSIT

1.9% WALK

0.4% BIKE

**BALANCE TELECOMMUTES**
# Commuting Characteristics

<table>
<thead>
<tr>
<th>Mode</th>
<th>CLV</th>
<th>Portland</th>
<th>Salt Lake</th>
<th>Phoenix</th>
<th>Denver</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Auto</td>
<td>90.8</td>
<td>69.2</td>
<td>81.8</td>
<td>88.9</td>
<td>80</td>
</tr>
<tr>
<td>% Transit</td>
<td>4</td>
<td>11.6</td>
<td>6.2</td>
<td>3.4</td>
<td>7.1</td>
</tr>
<tr>
<td>% Bike</td>
<td>0.4</td>
<td>6.1</td>
<td>2.8</td>
<td>0.7</td>
<td>2.3</td>
</tr>
<tr>
<td>% Walk</td>
<td>1.9</td>
<td>5.8</td>
<td>5.5</td>
<td>1.9</td>
<td>4.4</td>
</tr>
<tr>
<td>Commute &quot;T&quot;</td>
<td>25</td>
<td>24.4</td>
<td>19.6</td>
<td>24.4</td>
<td>24.6</td>
</tr>
<tr>
<td>% Alt Mode</td>
<td>6.3</td>
<td>23.5</td>
<td>14.5</td>
<td>6</td>
<td>13.8</td>
</tr>
</tbody>
</table>

Source: 2009-2013 American Community Survey by US Census Bureau
$6.6 Million Sidewalk Infill Program
Complete Street Features for Pedestrians

- Ped Actuated Flashers
- Leading Ped Interval
- Curb Extensions
- Shade, Art, Benches
- Refuge Islands
- Wide Sidewalks
Downtown Bike Lanes: 50 Blocks Today!
Over 125 Blocks by end of 2017!
DOWNTOWN BIKE SHARE PROGRAM

Planned Launch April 2016

Partnership with NDOT and RTC
LEGEND:
- DOWNTOWN CIRCULATOR (CLOCKWISE)
- DOWNTOWN CIRCULATOR (COUNTERCLOCKWISE)
- FUTURE EXPANSION
- CHARLESTON MEDICAL DISTRICT

DOWNTOWN CIRCULATOR: 6 Mile Loop

DOWNTOWN CIRCULATOR ROUTE CONCEPT
Charleston Light Rail Corridor Concept
Fremont Street was “the” State Highway into Downtown.
Casino Center Blvd:
4 lanes and 5’
Sidewalks and not a
tree in sight!
Main Street South of Charleston Facing North
Commerce Street From Charleston to Wyoming Facing South
Las Vegas Boulevard: Space Re-allocated
Carson Street Today
Carson Street Coming Soon!
Carson Street Fall Foliage View
Stewart Avenue - Existing
Stewart Avenue Complete Street Retrofit
Converting State “Highways” to Complete Streets

East Charleston Blvd Corridor Study

Charleston Blvd Looking West at Bruce St. - Existing
Converting State “Highways” to Complete Streets

East Charleston Blvd Corridor Study

Charleston Blvd Looking West at Bruce St. - Proposed
Connecting New Downtown Areas to Old
Connecting New Downtown Areas to Old
Wi-Fi, Streaming Music, PA System
Scrubber Machine $150k