CTfastrak Expansion

Stakeholder Meeting #5
Manchester Town Hall
July 20, 2016
Today’s Agenda

Future Phase Service Plan
– Service span and frequency
– Vehicle requirements

Future Phase Capital Needs
– Vehicle procurement
– Bus stop improvements
– Park and Ride Lots
Phase 2 Timeline

CTfastrak Eastern Expansion:

• Planning to be completed by October 2016
• Additional buses arriving late 2017
• Additional service in 2017 subject to funding
• CTfastrak facilities and infrastructure - longer-term
Phase 2 CTfastrak Service Plan

- UConn Storrs – Hartford Service
- CTfastrak Silver Lane
- CTfastrak Burnside Avenue
- Buckland Hills Shuttle
**UConn Storrs-Hartford Service**

- UConn Storrs campus to downtown Hartford
  - End at CTfastrak Sigourney Station
  - Via I-84 park-and-ride lots
  - Service to Buckland Hills Mall

- **Service options**
  - Evening service levels
  - Weekend service levels
  - Park-and-ride lot connections
  - Shuttle service still an option
CTfastrak Silver Lane

- No change in frequency or service hours on CTfastrak Route 121
- Eliminate stops with low CTfastrak ridership making them local bus only
CTfastrak Burnside Avenue

• Buckland Hills to Hartford
  – Limited stops on Burnside Avenue
  – Possible extension to Flatbush Ave

• Service alternatives
  – Enhanced local bus service
  – Limited stop CTfastrak overlay
  – Semi-express CTfastrak overlay
Buckland Hills Shuttle

- Linear shuttle connection through Buckland Hills Drive/Hale Rd corridor
- Hourly connection to UConn Storrs - Hartford
- Serve additional locations in Buckland Hills area
- Smaller vehicles to access parking areas
- Service alternatives
  - Transfer at P&R
  - Transfer at Mall
Phase 2 CTfastrak Service Plan

- Service span
- Service frequency
- Vehicle requirements
- Estimated additional annual operating cost
<table>
<thead>
<tr>
<th>Service</th>
<th>Weekday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>UConn Storrs – Hartford</td>
<td>5 a.m. – midnight (until 1 a.m. Friday)</td>
<td>7 a.m. – 1 a.m.</td>
<td>7 a.m. – 8 p.m.</td>
</tr>
<tr>
<td>CTfastrak Route 121 (Silver Lane)</td>
<td>5 a.m. – midnight (no change)</td>
<td>5 a.m. – midnight (no change)</td>
<td>6 a.m. – 9 p.m. (no change)</td>
</tr>
<tr>
<td>CTfastrak Burnside Avenue</td>
<td>5 a.m. - midnight</td>
<td>5 a.m. – midnight</td>
<td>6 a.m. – 9 p.m.</td>
</tr>
<tr>
<td>Buckland Hills Shuttle</td>
<td>9 a.m. – 10 p.m.</td>
<td>9 a.m. – 10 p.m.</td>
<td>9 a.m. – 8 p.m.</td>
</tr>
</tbody>
</table>
## Service Frequency

<table>
<thead>
<tr>
<th>Service</th>
<th>Weekday Peak</th>
<th>Weekday Off-Peak</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>UConn Storrs – Hartford</td>
<td>Hourly</td>
<td>Hourly</td>
<td>Hourly</td>
<td>Hourly</td>
</tr>
<tr>
<td><strong>CTfastrak Route 121</strong></td>
<td>Every 20 minutes <em>(no change)</em></td>
<td>Every 30 minutes <em>(no change)</em></td>
<td>Every 30 minutes <em>(no change)</em></td>
<td>Hourly <em>(no change)</em></td>
</tr>
<tr>
<td>Burnside Avenue</td>
<td>Every 20 minutes</td>
<td>Every 30 minutes</td>
<td>Every 30 minutes</td>
<td>Hourly</td>
</tr>
<tr>
<td>Buckland Hills Shuttle</td>
<td>Every 30 minutes</td>
<td>Every 30 minutes</td>
<td>Every 30 minutes</td>
<td>Every 30 minutes</td>
</tr>
</tbody>
</table>
## Vehicle Requirements

<table>
<thead>
<tr>
<th>Service</th>
<th>Weekday Peak</th>
<th>Weekday Off-Peak</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>UConn Storrs – Hartford</td>
<td>6</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>(includes existing Tolland-Hartford Route 917 service)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTfastrak Route 121</td>
<td>7 (no change)</td>
<td>5 (no change)</td>
<td>5 (no change)</td>
<td>3 (no change)</td>
</tr>
<tr>
<td>(Silver Lane)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTfastrak Burnside Avenue</td>
<td>6</td>
<td>4</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Buckland Hills Shuttle</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>
## Estimated Additional Annual Operating Cost

<table>
<thead>
<tr>
<th>Service</th>
<th>Weekday Peak</th>
<th>Saturday</th>
<th>Sunday</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>UConn Storrs – Hartford</td>
<td>$1,012,000</td>
<td>$220,000</td>
<td>$176,000</td>
<td>$1,408,000</td>
</tr>
<tr>
<td>CTfastrak Route 121 (Silver Lane)</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>CTfastrak Burnside Avenue</td>
<td>$2,253,000</td>
<td>$370,000</td>
<td>$188,000</td>
<td>$2,811,000</td>
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<tr>
<td>Buckland Hills Shuttle</td>
<td>$715,000</td>
<td>$146,000</td>
<td>$137,000</td>
<td>$998,000</td>
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</tbody>
</table>
Future Phase Capital Needs

Total vehicle procurement required (including spares):
- Nine (9) CTfastrak Buses
- Three (3) Commuter Coach Buses

Total Park and Ride Station Upgrades:
- Three (3) Locations – Manchester, Rockville, Tolland

Total Street Side Station Upgrades:
- Burnside Ave. – Up to Fourteen (14) Locations
- Silver Lane – Up to Ten (10) Locations
Future Phase Capital Needs

Cost Considerations for Park and Ride Stations
  – Construction Costs
  – Hard-Wired Telephone Lines

Cost Considerations for Street Side Stations
  – Construction Costs
  – Utility Impacts
  – Rights-of-way Impacts
  – ADA Accessibility
Typical Park and Ride Station Amenities
UConn Storrs – Hartford Park and Ride Stations - Buckland Hills Mall
UConn Storrs – Hartford Park and Ride Stations - Buckland Hills Mall
UConn Storrs – Hartford Park and Ride Stations - Rockville
UConn Storrs – Hartford Park and Ride Stations - Rockville
UConn Storrs – Hartford Park and Ride Stations - Tolland
UConn Storrs – Hartford Park and Ride Stations - Tolland
UConn Storrs – Hartford Park and Ride Stations
Future Phase Capital Needs

Station and Vehicle Technology

Real-Time Information

Solar Powered Lighting

On-Board Wi-Fi
**Total Implementation Costs and Timeline**

FY2018 and FY 2019 Implementation Schedule

- **2016**
  - Vehicle Procurement

- **2017**
  - Station Design & Contractor Award

- **2018**
  - Begin CTfastrak Eastern Expansion Services
  - Station Construction

- **2019**
CTfastrak Expansion Meetings

- Nov. 20 – Stakeholder Meeting #1 - *Completed*
- Dec. 15 – Stakeholder Meeting #2 - *Completed*
- January 19, 2016 – 1st Public Open Houses - *Completed*
- February – UConn Outreach - *Completed*
- Feb. 19 – Stakeholder Meeting #3 - *Completed*
- June 3 – Stakeholder Meeting #4 - *Completed*
- July 20 – Stakeholder Meeting #5 - *Today*
- September 2016 – 2nd Public Open House