ITE/ITS CT Joint Meeting
January 28, 2014

Transit At The Speed Of Life
Today’s Agenda

- What’s in the ITS System
- What is CT fastrak?
- A User’s Perspective
- Website and Public Outreach
- Exterior Bus Branding
- Construction Update
The ITS System

- Transit Management
- Automatic Fare Collection
- Travel Information Systems
- On-Board Technology
- Safety and Security
- Communications
ITS: Intelligent Transportation Systems

- Real-time passenger information, automated trip planning and on-bus information
- Proof-of-Payment Fare Collection- TVMs, Validators, Fare Inspectors
- Safety and Security- Security Integrated into design; IP Cameras, Emergency Call Boxes
- Signal Preference at Local Road Intersections
Real-time passenger information

Next Bus Display

NEXT BUS IN 9 MIN

Tottenham Court Road Stopping
Mobile Resources

Get Metro’s iPhone App
Use the links on the right to download the app
Automated Trip Planning

CT fastrak

Trip Planning

To plan your next trip follow steps 1 through 6 below. Examples have been provided to help guide you.

1. Enter your Origin/Starting Point.
   Use an address, intersection or landmark.
   Examples: "500 Main" or "Temple & Elm" or "Atlantic Square"
   240 Main
   240 Main St, Hartford, 06106
   or 
   - Select from Landmarks:

2. Enter a Date/Time for departure or arrival.
   Date: 01/21/2011
   Time: 8:00 20:00 am
   Direction: "Select from Landmarks:

3. Options:
   Sort Results by: Trip Time
   (or All) Reset Form

Trip Plan

Search Results

Origin/Starting Point: 240 Main St, Hartford, 06106
Destination: 2800 Berlin Tpke, Newington, 06111
Requested for: Departure of 8:26a on 01-21-2011
Sorted by: Trip Duration
* Indicates that itinerary involves staying on the same bus
Select to view details:

<table>
<thead>
<tr>
<th>Trip</th>
<th>Route</th>
<th>Depart</th>
<th>Arrive</th>
<th>Duration</th>
<th>Transfer</th>
<th>Walk</th>
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<tr>
<td>1</td>
<td>47 OU</td>
<td>8:44a</td>
<td>9:09a</td>
<td>24</td>
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<td>0.20 miles</td>
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<td>2</td>
<td>61 OU, 47 OU</td>
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<td>9:09a</td>
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<tr>
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<td>8:17a</td>
<td>9:09a</td>
<td>51</td>
<td>1</td>
<td>0.20 miles</td>
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<td>41 OU, 8K OU</td>
<td>8:18a</td>
<td>9:47a</td>
<td>88</td>
<td>1</td>
<td>0.35 miles</td>
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New Trip Return Trip

View Map >>
Automated Trip Planning

Google Maps

Get Directions  My Maps

1. 240 Main Street, Hartford, CT
2. 2000 Berlin Turnpike, Newington, CT

Add Destination - Show options

Depart at: 01/21/11 8:48am

Get Directions

Transit directions to 2800 Berlin Turnpike, Newington, CT 06111

Suggested routes

1. 240 Main St
   9:43am - 10:06am  26 mins

2. 240 Main St
   10:43am - 11:06am  26 mins

3. 240 Main St
   11:43am - 12:06pm  26 mins

240 Main St
Hartford, CT 06106

Walk to Main St and Fire Station
About 1 min

Main St and Fire Station Stop ID: MAIFRS
- Bus towards FRANKLIN AVE Berlin Tpk-CONVDOT Stew Leonard’s
  9:44am - 10:09am (25 mins, 57 stops)
- CT DOT and Lobby Entrance

Travel time: about 26 mins

CT fastrak.com
Safety and Security

PUSH BUTTON FOR FLASHING LIGHTS
Proof-of-Payment Fare Collection
What is CTfastrak?

• Bus Rapid Transit (BRT)
  – Fast, frequent, reliable service throughout central Connecticut corridor

• Goals
  – Reduce congestion on I-84 west of Hartford
  – Improve Air Quality: reduced emissions
  – Regional mobility improvements
  – Transit-Oriented Development opportunities
  – Immediate and long-term employment benefits
What is CTfastrak?

- Integrated multi-modal investment strategy
  - Connections at Hartford and Waterbury with existing service
  - Future NHHS rail connections at Newington Junction and Flatbush Avenue
  - Connections to Bradley International Airport
  - Connections to local bus systems
Recent Milestones

- Broad Street Bridge and Streetscape - Complete
- Flatbush Avenue Bridge opened to traffic

Schedule Overview

- Start of system testing and training – October 2014
- Completion of passenger amenities – January 2015
- Start of Revenue Operations – February 2015
What are we building?

- Exclusive guideway
- Rapid-transit-style stations
- Multi-use trail
- Branded buses
Station Amenities

- Canopies
- Landscaped/park-like setting
- Walkways and platforms
- Benches, bicycle racks, and trash receptacles
Access to the Station

- CTfastrak connector service
- Walk
- Bicycle
- Drop-off
- Drive and park (limited)
• Level boarding
• All door boarding
• Wheelchair provisions (forward facing, rear facing)
• Interior bicycle racks
• Text, read, work, rest,…
• Wi-Fi available for your devices
• Electronic “next station” sign
• Audible station announcements
• RELAX!
- Exit through any open door
- Wayfinding signs to nearby destinations
- Transfers to connecting buses
- Single ride tickets are valid for 90 minutes
Website - Visuas

MAPS

Google Map
Mapping the CTfastrak guideway, station locations, Park-n-Ride locations, and Multi-use Trail access points.

Interactive Map
A map of CTTransit local and express routes, CTRail routes and proposed CTfastrak Bus Rapid Transit service routes.

Printable Maps
FAQS
System Design

What is CTfastrak?

CTfastrak is Connecticut's bus rapid transit (BRT) solution to improved mobility and reduced congestion in the I-91 New Britain to Hartford corridor. BRT is an innovative, high capacity, cost-effective public transit solution that can significantly improve travel times through heavily-congested areas by using dedicated transit guideways or lanes to avoid traffic and quickly transport passengers to their destinations. By operating in a permanent, dedicated bus-only guideway, while allowing buses to enter and depart the line, the CTfastrak system offers the speed of a rail system with the flexibility of bus service to meet transit demand and provide passengers convenient point-to-point service to their destinations.

How will it work?

How is this different from existing bus service?

What will it cost to operate the system?

Why here, why now?

Why not run more buses on the local roads instead?
• Engaging media and business communities
• Participating in local and regional public events
• Meeting with community groups
• Outreach to universities and educational organizations
• Outreach to large employers
CT fastrak

New Britain Station & New Ramps

- Union Station
- Sigourney Street
- Parkville
- Kane Street
- Flatbush Avenue
- Elmwood
- Newington Junction
- Cedar Street
- East Street
- East Main Street
- Downtown
- New Britain
Progress at East Main Street Station

- Union Station
- Sigourney Street
- Parkville
- Kane Street
- Flatbush Avenue
- Elmwood
- Newington Junction
- Cedar Street
- East Street
- East Main Street
- Downtown
- New Britain
New Bridge over East/Allen Streets

- Union Station
- Sigourney Street
- Parkville
- Kane Street
- Flatbush Avenue
- Elmwood
- Newington Junction
- Cedar Street
- East Street
- East Main Street
- Downtown
- New Britain
Progress at Cedar Street Station

- Union Station
- Sigourney Street
- Parkville
- Kane Street
- Flatbush Avenue
- Elmwood
- Newington Junction
- Cedar Street
- East Street
- East Main Street
- Downtown
- New Britain
CT fastrak

Newington Junction Station Progress

- Union Station
- Sigourney Street
- Parkville
- Kane Street
- Flatbush Avenue
- Elmwood
- Newington Junction
- Cedar Street
- East Street
- East Main Street
- Downtown
- New Britain
Bridge Construction at New Britain Ave.

- Union Station
- Sigourney Street
- Parkville
- Kane Street
- Flatbush Avenue
- Elmwood
- Newington Junction
- Cedar Street
- East Street
- East Main Street
- Downtown
- New Britain
Flatbush Avenue Bridge Open

- Union Station
- Sigourney Street
- Parkville
- Kane Street
- Flatbush Avenue
- Elmwood
- Newington Junction
- Cedar Street
- East Street
- East Main Street
- Downtown
- New Britain
Progress at Parkville Station

- Union Station
- Sigourney Street
- Parkville
- Kane Street
- Flatbush Avenue
- Elmwood
- Newington Junction
- Cedar Street
- East Street
- East Main Street
- Downtown
- New Britain
CT fastrak

Progress at Broad Street bridge

Union Station
Sigourney Street
Parkville
Kane Street
Flatbush Avenue
Elmwood
Newington Junction
Cedar Street
East Street
East Main Street
Downtown
New Britain
Ride with us in February 2015!

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