CT fastrak

Transportation Committee

Presentation on CT*fastrak*

February 19, 2014

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

Today's Agenda

- *What is CT**fastrak**?*
- *What are its goals?*
- *What are we building?*
- *Transit Service Plan: Where are the routes?*
- *Construction accomplishments*
- *What will the user experience? (amenities and safety)*
- *Marketing and outreach*

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

What is CTfastrak?

- **Bus Rapid Transit (BRT)**
  - Fast, frequent, reliable service throughout central Connecticut corridor
  - Regional Connections: New York, Springfield, New Haven at Hartford's Union Station
  - Connections to Bradley International Airport via existing Bradley Flyer Service
- **Integrated multi-modal investment strategy**
  - Designed to accommodate future NHHS rail connections at Newington Junction and Flatbush Avenue stations.

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

What is CTfastrak?

- **How it all began?**
  - CRCOG Study – Completed in 1999
  - Examined I-84 Corridor west of Hartford including arterial roadways, neighborhoods, rail lines
  - Examined highway, light rail, commuter rail and bus rapid transit options
- **Rationale for the Selected Alternative**
  - Maximum traffic diversion
  - Least cost of all "Build" alternatives
  - Transit effectiveness improvements
  - Economic redevelopment potential

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

CTfastak Goals

- Reduce highway and arterial congestion
- Improve modal choices and attractiveness of transit for travelers
- Improve Air Quality: reduced emissions
- Improve transit service for transit-dependent persons
- Immediate and long-term employment benefits
- Improve community livability and quality of life
- Spur economic growth and redevelopment along the corridor with Transit Oriented Development (TOD)

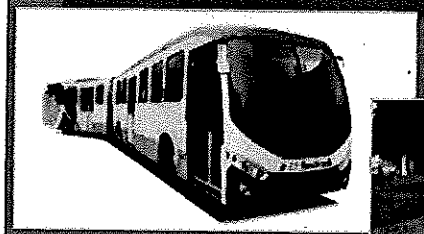
U.S. Department of Transportation
Federal Transit Administration

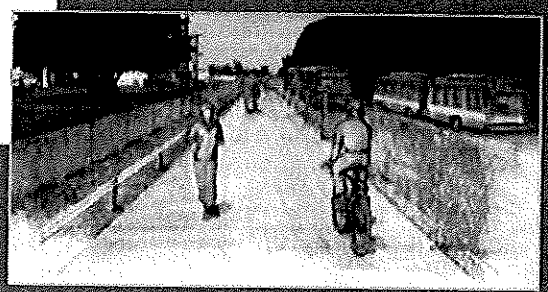
CT fastrak.com

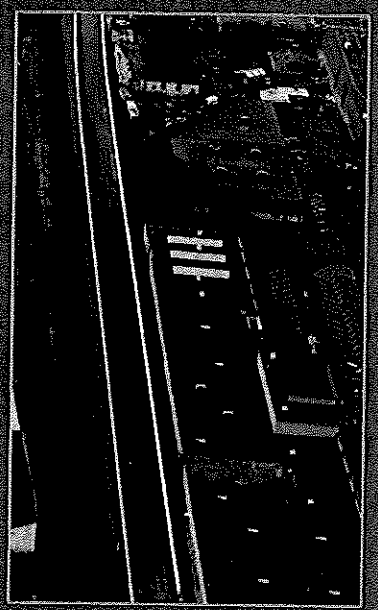
CT fastrak

What are we building?

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





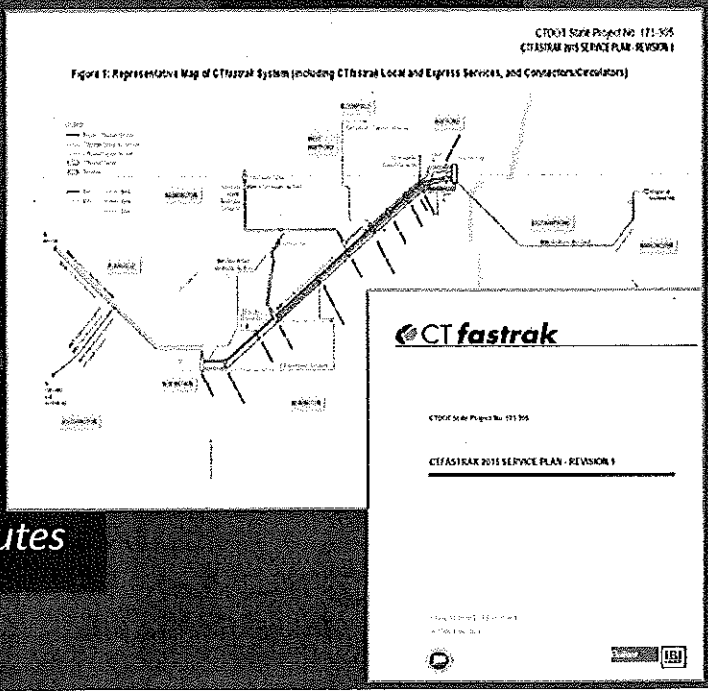


U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

Service Plan



Includes Four Types of Routes Using Guideway

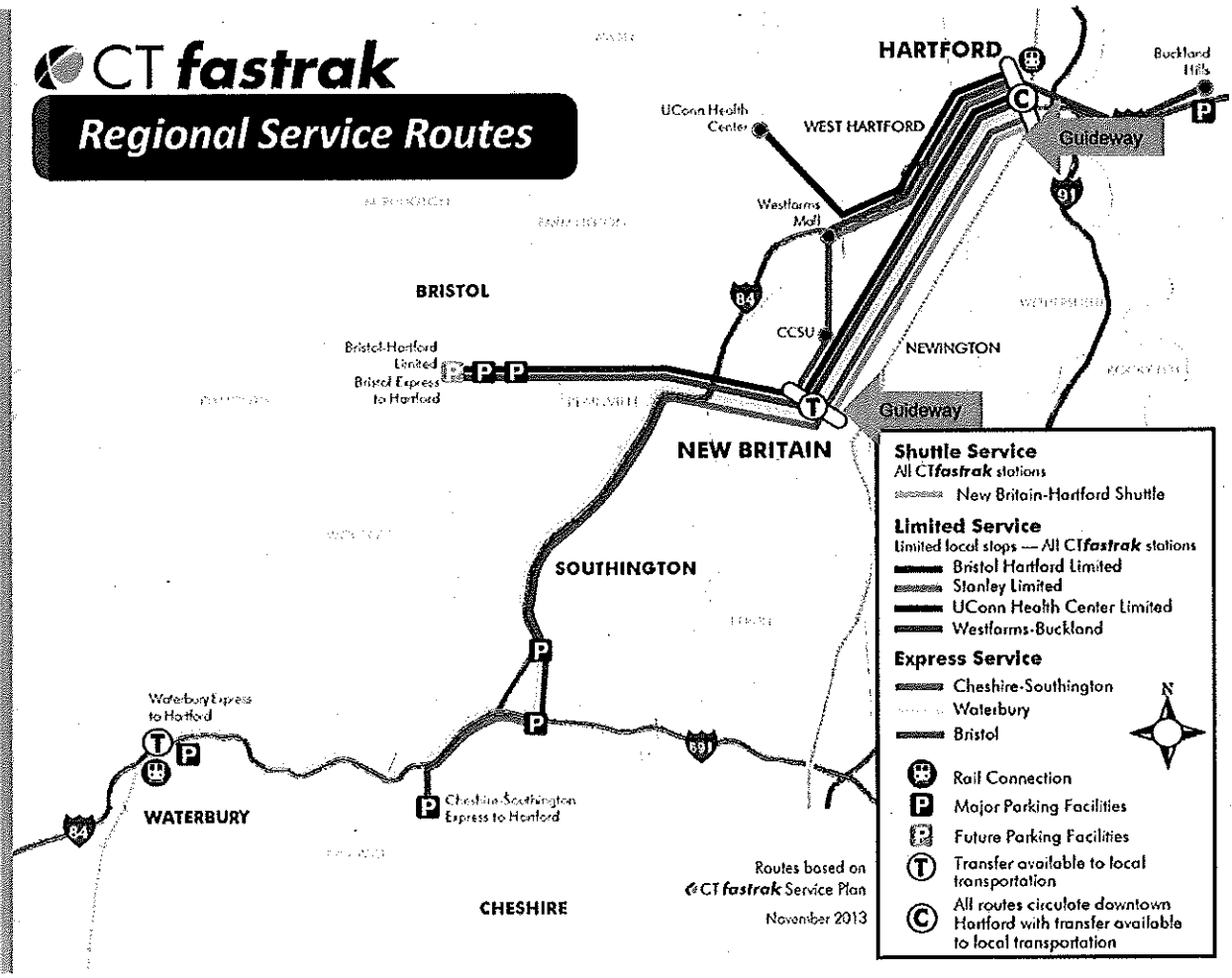
- 4 CT*fastrak* Local Service
- 5 CT*fastrak* Express Service
- 5 Connectors & Circulators
- 17 Existing Local Transit Routes

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

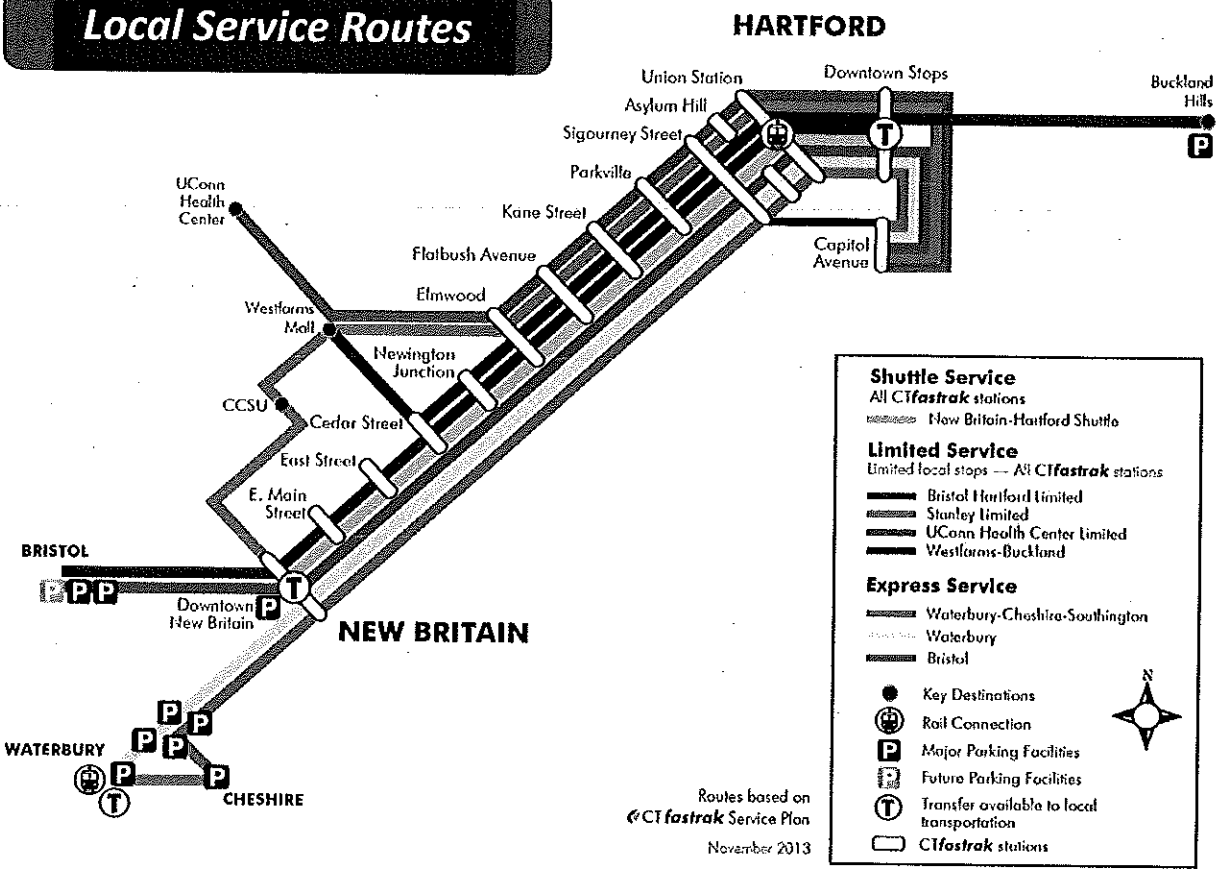
CT fastrak

Regional Service Routes



CT fastrak

Local Service Routes



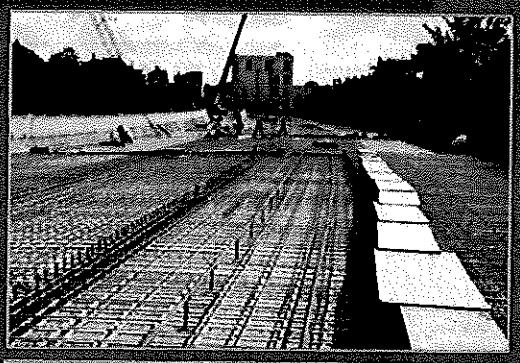
Routes based on CT fastrak Service Plan
November 2013

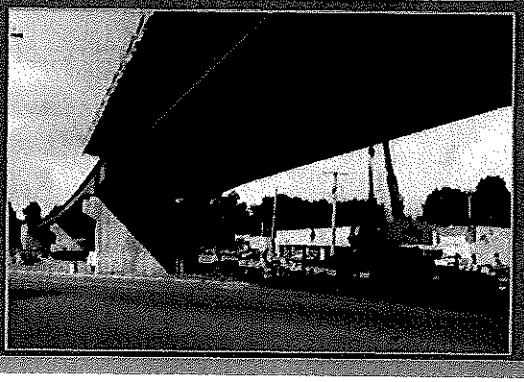
CT fastrak

Construction Overview

Major Elements

- Dedicated 2-lane guideway
- 10 transit stations
- 17 bridges
- 78 retaining walls (23,500 LF)
- 5-mile long multi-use trail
- Relocation of one mile of Amtrak's active rail line
- 4.5-mile long maintenance road for Amtrak





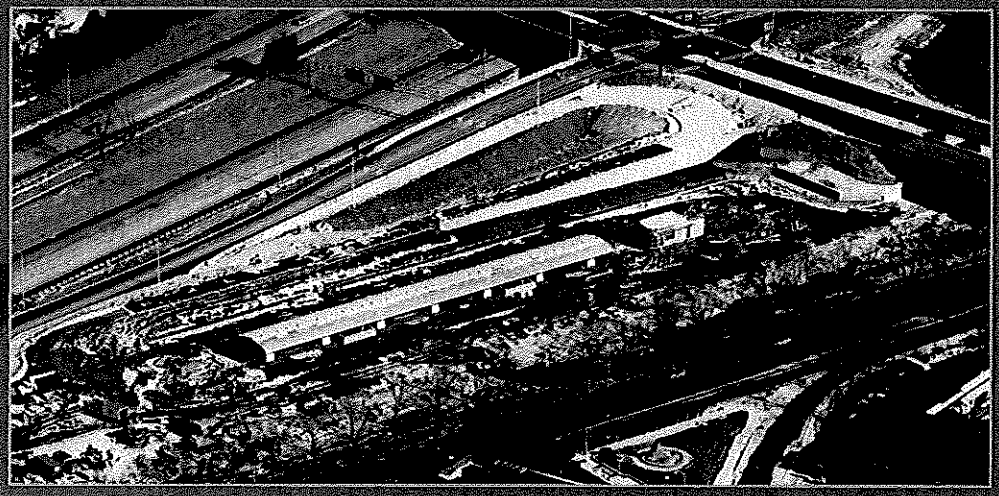
U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

Progress at New Britain Downtown Station

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



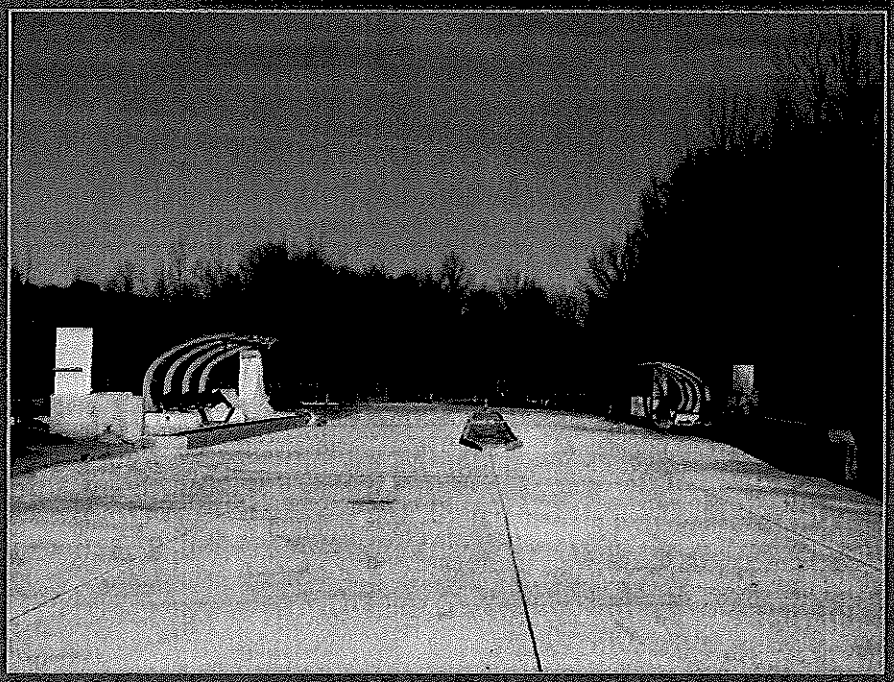
U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

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



U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

Paved Guideway/Multi Use Trail

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

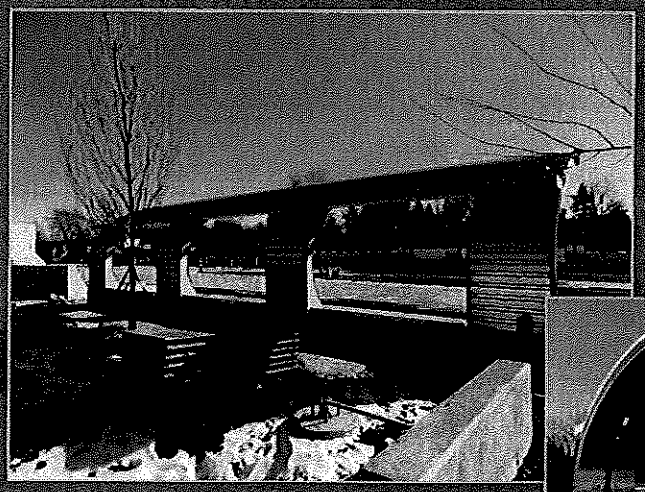
U.S. Department of Transportation
Federal Transit Administration

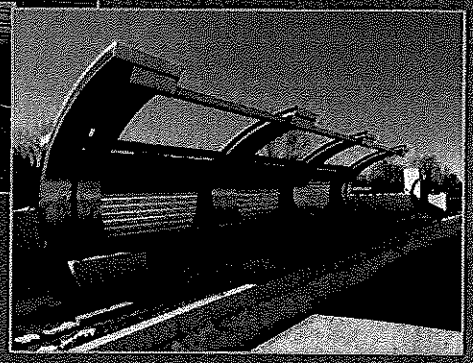
CT fastrak.com

CT fastrak

Progress at Newington Junction Station

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





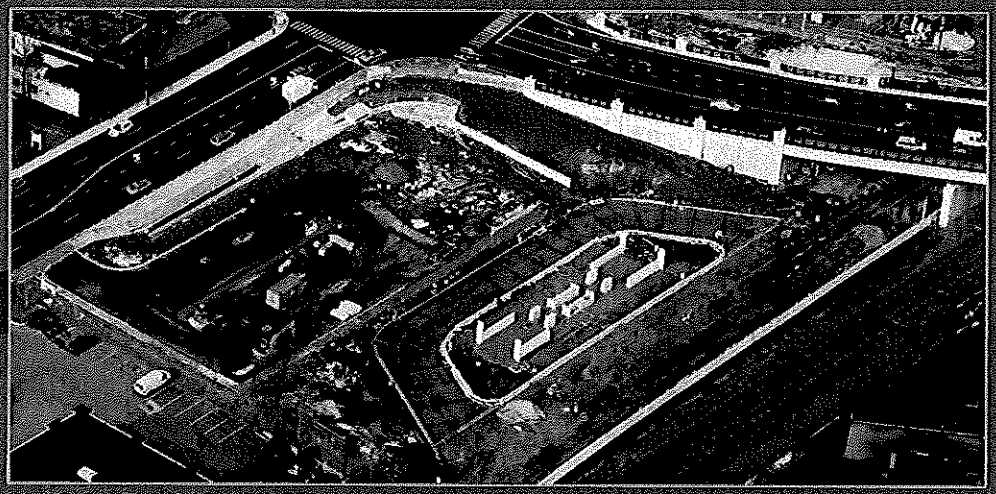
U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

Progress at Flatbush Avenue Station

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



U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

New Flatbush Avenue bridge

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

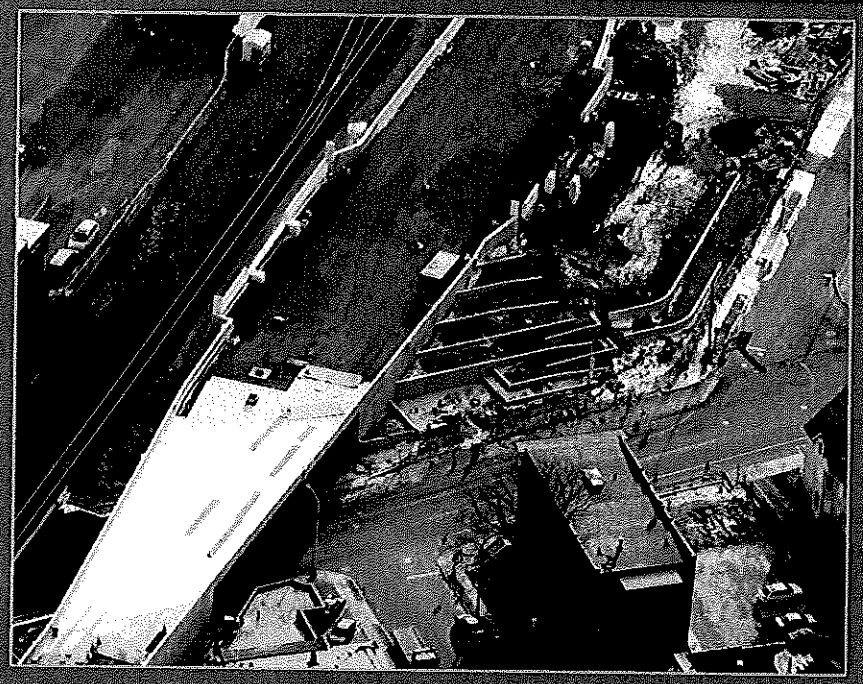
U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

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



U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

Completed Broad Street bridge and streetscape

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

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

Project Accomplishments

- **Recent Milestones**
  - Flatbush Avenue Bridge opened to traffic
  - Broad Street Bridge and streetscape completed
- **Schedule Overview**
  - Completion of construction – October 2014
  - Start of system testing and training – October 2014
  - Completion of passenger amenities – January 2015
  - Start of Revenue Operations – February 2015

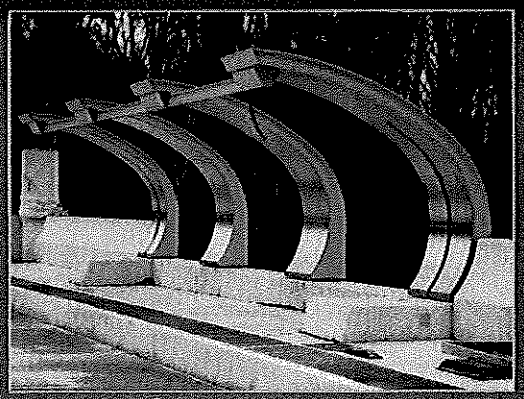
U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

What will the User experience?

- **Station Amenities**
  - Canopies
  - Landscaped/park-like setting
  - Walkways and platforms
  - Benches, bicycle racks, and trash receptacles

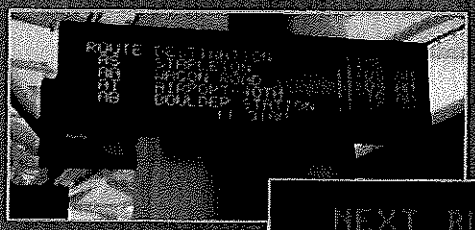


U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

What will the User experience?



- **Reliable Service**
  - Frequency
  - Flexibility
  - One-Seat Ride
- **Intelligent Transportation Systems**
  - "Next Bus Arriving" Sign
  - Real-Time Applications (Buses equipped with GPS)
- **Electronic ticketing**
  - Ticket Vending
  - Fare Validation
  - Smartcard/Smartphone

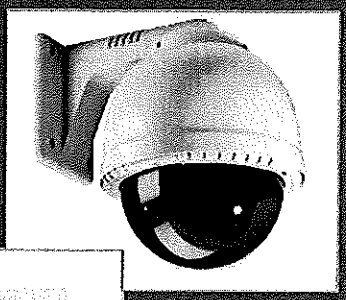
U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

What will the User experience?

- **Passenger Safety**
  - Open station design
  - CCTV
  - Emergency call boxes
  - Tactile strip
  - Public address system
  - LED flashing beacons at station crosswalks
  - Station illumination



U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

What will the User experience?

- **Boarding the Bus**
  - Level boarding
  - All door boarding
  - Wheelchair provisions
  - Interior bicycle

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

What will the User experience?

- **Once On Board**
  - Text, read, work rest....
  - Wi-Fi available for your devices
  - Electronic "next station" notice sign
  - Audible station announcements
  - RELAX!

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

What will the User experience?

- **At Your Destination**
  - Exit through any open door
  - Wayfinding signs to nearby destinations
  - Transfer to connecting buses
  - Single ride tickets are valid for two hours

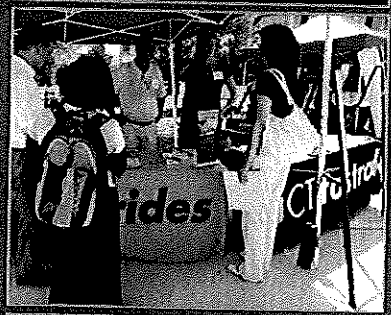
U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com

CT fastrak

Community Engagement

- 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 & small employers



U.S. Department of Transportation
Federal Transit Administration

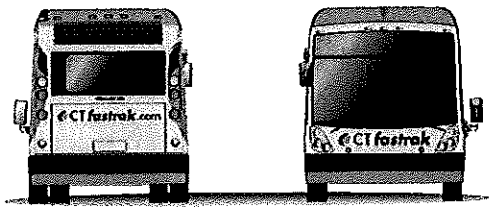
CT fastrak.com

CT fastrak

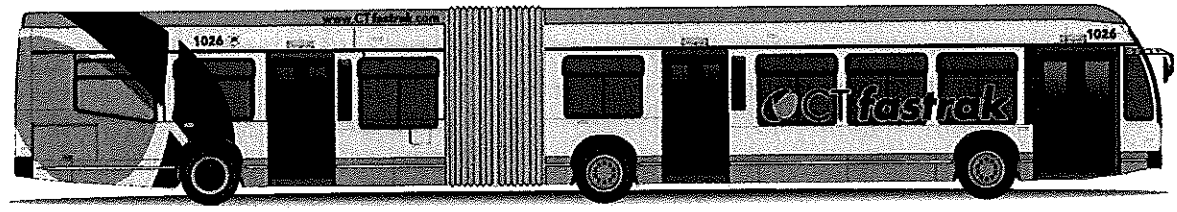
'New Look' Website

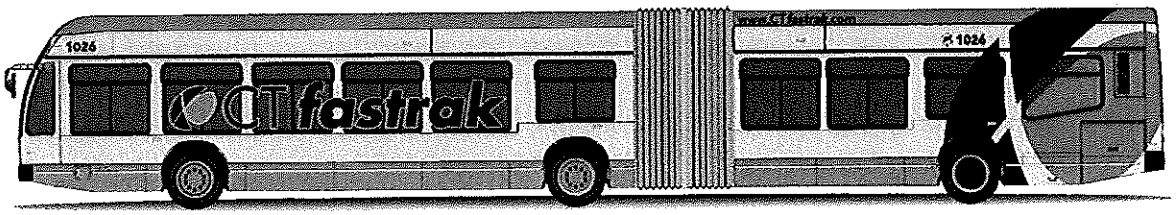
CT fastrak

Branding



CTfastrak Branding Vehicle
60' Articulated





CT fastrak

Stay Involved!

Ride with us in February 2015!

THANK YOU

U.S. Department of Transportation
Federal Transit Administration

CT fastrak.com