



Reimagining Connecticut's Bus Stops: A Capital Investment for Better Transit

Wednesday, September 9th, 2026

Meet the Team – Introductions and Backgrounds



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Presentation Agenda

- Program Overview
- Program Basis and Development Background
- Planning and Site Selection
- Design Standards and Guide sheets
- Program Application
- Site Feasibility Determination
- Environmental Review
- Design-Build Installation
- Stakeholder Coordination
- Phased Implementation
- Ensuring Maintenance
- Current Developments
- Question and Answer



Program Overview

- The State of Connecticut has approximately 13,000 bus stops which are served by 17 service providers across 114 municipalities.
- The Bus Stop Enhancement Program (BSEP) is CTDOT's standardized framework for upgrading bus stops to improve customer experience, satisfaction, and accessibility. The program focuses on the design and installation of modern bus stop infrastructure, including new amenities, while ensuring full ADA compliance.



Program Basis and Development Background

- Project conceptualized in 2021
- Customer Experience Action Plan surveying identified that only 43% of riders were satisfied with the State of CT bus stops in 2022
- House Bill 05001 enacted that CTDOT and each public transit service provider jointly develop a plan to modernize and maintain bus stops and shelters throughout the State
- STV, as an on-call design consultant, completed literature review and standard design drawings in 2023
- CTDOT announced new Complete Streets Design Criteria
- Brasco Inc. was awarded the product vendor contract in 2023
- Lowest bidders were awarded the construction contract in 2025
 - District 1, 2, and 4 awarded to Martin Laviero Contractor, Inc.
 - District 3 awarded to Laydon Industries LLC.



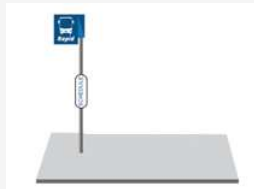
Planning and Site Selection

Bus Stop Typology

Stop types are identified primarily based on average daily boardings

Images Adapted from the Hartford Rapid Routes Study

Type 1: Basic Coverage



Stops with limited-space contexts, ADA boarding pad, post and sign, and passive lighting.

Available Enhancements: Post and Sign

Type 2: Regular Coverage



Stops potentially warranting seating, rider info, and site-specific lighting.

Available Enhancements: Post and Sign, Post Mounted Seating or Standalone Bench, Post Mounted Solar Lighting

Type 3: Enhanced Coverage



Stops with high ridership and or transfers between routes justifying shelter.

Available Enhancements: Post and Sign, Shelter and Shelter Mounted Bench, Shelter Mounted Solar Panels and Lights, Waste Receptacles

Type 4: Transportation Hub

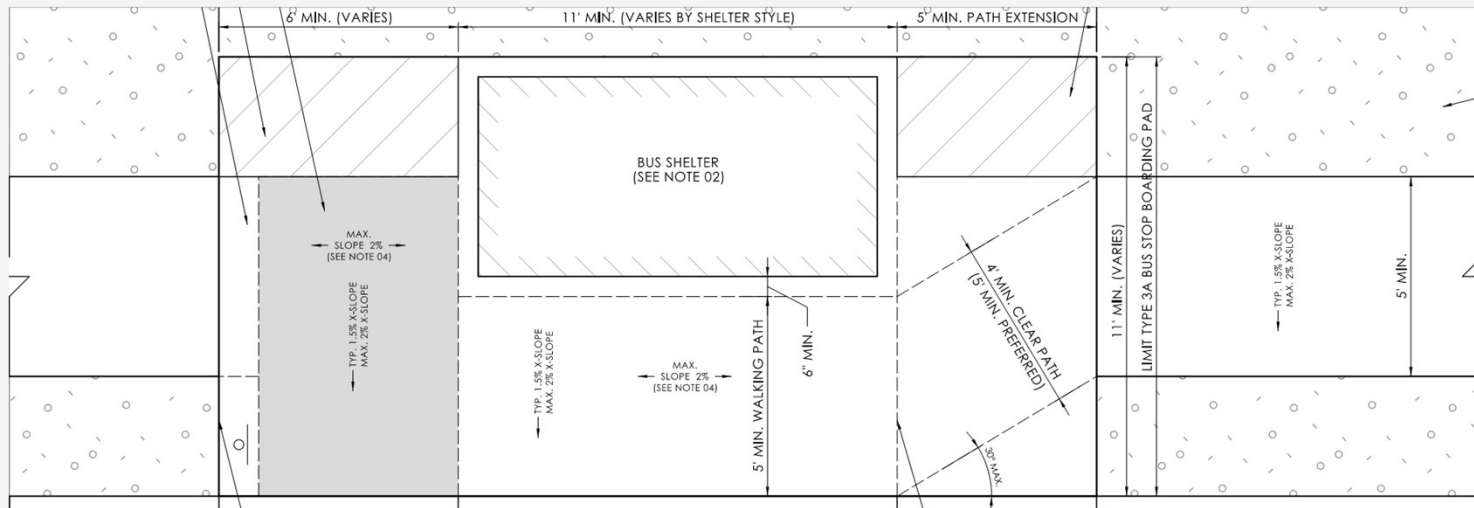


Stops with very high ridership justifying a full suite of amenities or site-specific design.

Available Enhancements: Post and Sign, Shelter and Shelter Mounted Bench, Solar Lighting, Ad Case, Map Case, Wind Screens, Grillwork, Waste Receptacles, Art Glass/Vinyl Wraps, Real-Time Information Signs, and Text-To-Speech Buttons

Design Standards and Guidesheets

- Drawing Standards can be accessed at https://portal.ct.gov/dot/business/contracting-and-drawing-standards/public-transportation?archived=true&language=en_US



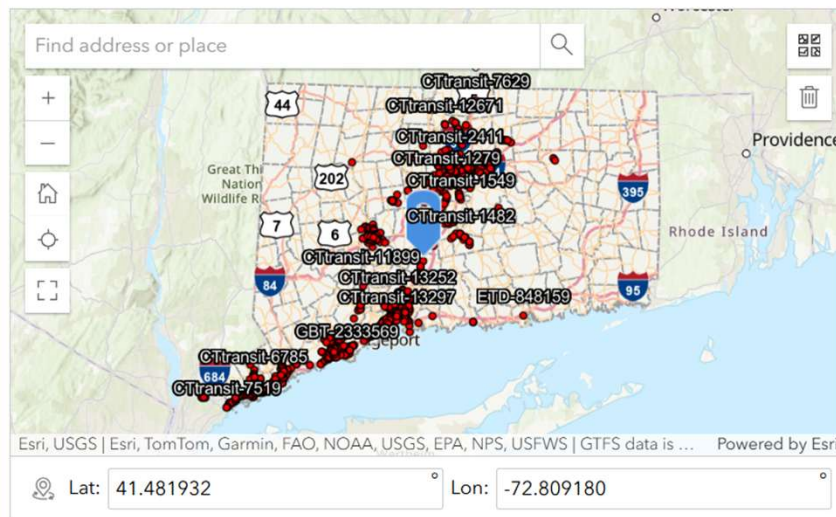
Design Guide Sheets showing requirements for potential bus stop type design layouts

Program Applications

The Basics

Eligible Phase 1 Bus Stops

The map below is intended to reference stops that can be selected from the Stop ID dropdown below. Only Phase 1 eligible stops will appear in this map. If a stop you're looking to enhance does not appear in the map it is either because there is no supporting boarding data for that stop or the average daily boarding data for that stop is too low.



An embedded reference map for eligible stops to be applied for in the Stop Enhancement Application built in ArcGIS Survey123



Stop Enhancement Application

User Guide



Connecticut Department of Transportation

Published
August 2026

Bus Stop Enhancement Program
Phase 1 - Application User Guide

A companion PDF guide on enhancements delivered through Phase 1 to assist in municipal or regional planning



Site Feasibility Determination

Data Review

- Average Daily Boarding (ADB)
- Aerial imagery
- Site condition
- Road speed limits
- Sightlines
- Impact on roadway and sidewalk network
- Right-of-way (ROW)
- Field meetings
- Coinciding active projects
- Connecticut Environmental Protection Act (CEPA) review

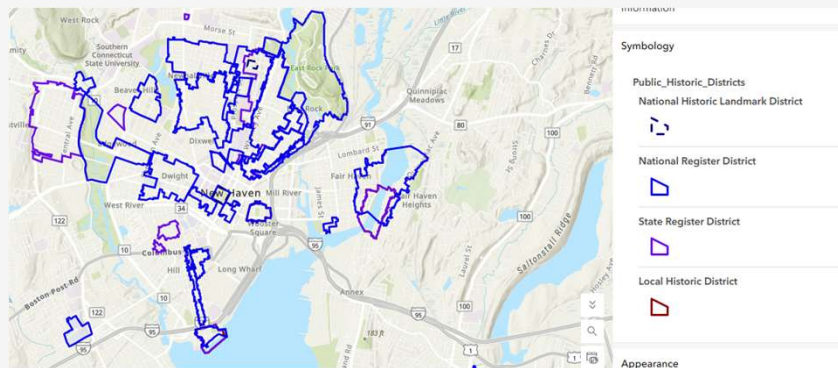


Street View imagery of a typical bus transit stop in Stamford, CT

Environmental Review

Connecticut Environmental Policy Act (CEPA)

- Required via CT General Status (CGS) Sec. 22a-1-22a-1h and Regulations of CT State Agencies (RCSA) Sec. 22a-1a-22a-1a-12
- Identify environmental impacts, **including impacts on the social and economic environment** by referencing the Generic Environmental Classification Document (ECD) for CT State Agencies
- Per Sec. 106 – projects are examined for impacts to National Historic Landmarks, National Register, State Register, and Local Historic Districts identified by the CT State Historic Preservation Office (CTSHPO)



CTSHPO layer showing areas of historic preservation in New Haven

Design-Build Installation

Design Approval

- Approvals
- Purchase Orders



Bus Stop Enhancement Program (BSEP): CT Transit Hartford Phase 1 Sites - Blue Hills Ave PO

Supplier: 34533

Martin Laviero Construction
PO Box 1659
Bristol CT 06011

Town : Hartford		Installation Items and Quantities			
Site/Location: BLUE HILLS AVE. AT GREENFIELD ST. NE					
Item No.	Description of Commodity and/or Services	Quantity	Unit of Measure	Unit Cost	Total Cost
1	Construction Surveying & Work Layout Drawings	1	EA	\$ 600.00	\$ 600.00
2A	Concrete Sidewalk/Ramp (0.0 S.F to 800 S.F)	730	SF	\$ 34.60	\$ 25,258.00
9	Trafficperson (Flaggers)	11.47	HR	\$ 60.00	\$ 688.20
11A	Hourly Charge for Unforeseen / or Corrective Work	16	HR	\$ 318.50	\$ 5,096.00
Subtotal					\$ 31,642.20

Final Items check		Quantities	Costs
1	21*600	\$	12,600.00
2b	6077*34.6	\$	210,264.20
9	240.87*60	\$	14,452.20
11a	336*318.5	\$	107,016.00
Total		\$	344,332.40

Pilot Construction PO

Bus Stop Enhancement Program (BSEP): CT-Transit - Hartford - Blue Hills Shelters, Phase 1 - Year 1

Supplier: 0000225776

BRASCO INTERNATIONAL INC
32400 INDUSTRIAL DR
MADISON HEIGHTS MI 48071

District	Agency	Project	Item	Quantity	Per unit cost	total cost	Customization Notes
District 1	CT Transit-Hartf	Blue Hills Ave	10' X 5' Shelter (3-sided) with integrated bench	7	\$7,575.00	\$53,025.00	SL-0510-F-O-BA-AC-TG-0-1-0 Black bronze-anodized aluminum frame bronze acrylic barrel roof
District 1	CT Transit-Hartf	Blue Hills Ave	10' X 5' Shelter (Narrow cantilever) with integrated bench	10	\$ 7,000.00	\$ 70,000.00	SL-0510-C-O-BA-AC-TG-0-1-0 Black bronze-anodized aluminum frame bronze acrylic barrel roof
District 1	CT Transit-Hartf	Blue Hills Ave	12' X 6' Shelter (3-sided) with integrated bench	4	\$ 9,175.00	\$ 36,700.00	SL-0612-F-O-BA-AC-TG-0-1-0 Black bronze-anodized aluminum frame bronze acrylic barrel roof
District 1	CT Transit-Hartf	Blue Hills Ave	Shelter Light with PV option	21	\$ 1,650.00	\$ 34,650.00	Integrated Solar Shelter Lighting system
District 1	CT Transit-Hartf	Blue Hills Ave	Trash Receptacle	21	\$ 975.00	\$ 20,475.00	Trash Can with Locking Mechanism and Rubber Liner
District 1	CT Transit-Hartf	Blue Hills Ave	Map Case/Schedule Holder	21	\$ 500.00	\$ 10,500.00	24" x 36" standard map case
District 1	CT Transit-Hartf	Blue Hills Ave	Advertising panel	21	\$ 1,750.00	\$ 36,750.00	48" x 72" - Two-sided advertising display box
District 1	CT Transit-Hartf	Blue Hills Ave	Solar Lighting - Ad Box	21	\$ 2,375.00	\$ 49,875.00	Advertising Box Illumination
District 1	CT Transit-Hartf	Blue Hills Ave	Bike Rack	21	\$ 425.00	\$ 8,925.00	Single Hoop Bike Rack
District 1	CT Transit-Hartf	Blue Hills Ave	Freight	2	\$ 4,175.00	\$ 8,350.00	Shipping (enter as AMOUNT ONLY ON THE PO)
Project Total						\$329,250.00	

Pilot Amenity PO



Design-Build Installation

Site work and transit amenity installation:

- Construction Inspection
- Material Testing
- Reports & Invoices



New concrete being poured for a shelter pad in Middletown, CT



Finished concrete work, ready for shelter and amenity installation



Waste Receptacle and shelter installed. Shelter roof style and grillwork customizations selected by the service area operator River Valley Transit to align with regional character

Stakeholder Coordination

Ensure our partners are informed and participate in the decision-making process

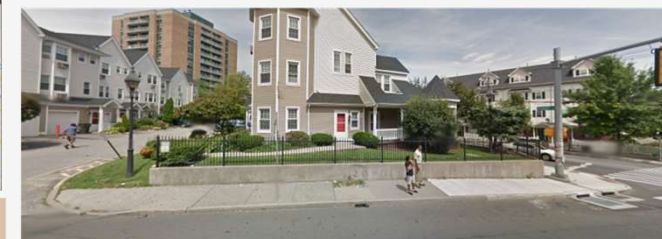
- Municipal staff
- Council of Governments (COGs)
- Transit Districts
- Product Vendor (Brasco)
- Construction Contractors (Laviero & Laydon)
- Inspectors (VHB & IMTL)



Hartford – Flyer for Public Workshop



Streetview Imagery – West Haven Shopping Cart Bench



Stamford – Example of ADA Compliance Issues

Phased Implementation

Pilot: 64 shelter installs across all 4 maintenance districts

Phase 1: Sheltering (~\$20M)

- CTDOT will prioritize sheltering at Type 3 and Type 4 stops in the State, effectively doubling the number of shelters Statewide.
- Pilot Real-Time Information Signage (RTIS) and solar lighting products for expanded rollout (~\$2.5M)

Phase 2: Specialty Product Enhancement (if available funding permits)

- Procure Semi-seating/Transit Pole Lighting System for Type 2 stops

Phase 3: ADA Enhancements

- Coordinate ADA buildouts with the FHWA ADA Transition Plan Primarily at Type 1 stops

Phase 4: Community Investment and Ongoing Maintenance

- Create a maintenance resource toolbox and support art programs to mitigate vandalism, graffiti and support community stewardship (e.g. adopt-a-stop, art wrap and art glass installations)



Ensuring Maintenance

- CTDOT will execute agreements with municipalities, transit districts, or tribal entities
- Execution of maintenance agreement is a prerequisite for BSEP participation
- Municipalities or transit districts will own bus stop enhancements and be responsible for their maintenance
- Municipalities or transit districts may elect to outsource maintenance to a 3rd party



Current Developments

- 21 pilot shelters were installed along the Blue Hills Ave corridor in Hartford
- Norwalk Transit District has officially executed a maintenance agreement with the CTDOT
- A real-time information sign pilot launch is imminent

How's this sign working for you?

Take 2 minutes to share your feedback on the real-time bus information display at this stop.

Scan the QR code to get started.
Or visit ct.gov/dot/BusStopSurvey



¿Qué le parece esta pantalla?

Tómese dos minutos para compartir su opinión sobre la pantalla de información de autobuses en tiempo real en esta parada.

Escanee el código QR para comenzar o visite ct.gov/dot/BusStopSurvey



Arunan Arulampalam is in Hartford, CT.

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Everyone deserves a dignified transit experience, which is why I'm excited to share that the first 21 of 68 new bus shelters were just installed in Hartford! 🚌

Thank you to the CT DOT team for your collaboration in making this possible.



21 NEW BUS SHELTERS ACROSS HARTFORD

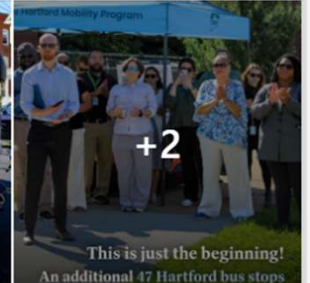
Transit experience and time's what DOT has prioritized through our work collaboratively on the greater Hartford mobility study.



The Hartford installations are the first completed project through CT DOT's Greater Hartford Mobility Program, a regional initiative that unites communities across the Hartford area to identify and



The 21 stops serve approximately 360 passenger boardings each



This is just the beginning! An additional 47 Hartford bus stops



Question and Answer

Thank you!



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Please submit any questions to dot.busstops@ct.gov

