



TOWN OF BRANFORD  
ENGINEERING DEPARTMENT

# SHORT BEACH HISTORIC DISTRICT (ROUTE 142)

PROJECT #0014-0190  
TRAFFIC CALMING &  
INFRASTRUCTURE IMPROVEMENTS



# AGENDA

- 1 **Project Background**
- 2 **Existing Conditions**
- 3 **Preliminary Design Plans**
- 4 **Project Challenges**
- 5 **Q&A**



# PROJECT BACKGROUND

**VHB**  
40 Water Street  
Branford, CT 06405  
Phone: 860-781-1234  
Fax: 860-781-1235  
April 10, 2024

Re: 02171  
Short Beach  
Town Engineer  
733 Main St  
Branford, CT 06405

Re: Short Beach Pedestrian Project

Dear Mr. Duffley:

This letter is in relation to the Short Beach Pedestrian Project, a project that the Town of Branford has approved for funding through the Transportation Alternatives Program in order to carry out the project.

*The Chair C*

*Top 100*

*Final*

**Short Beach Pedestrian Project**  
The project is to construct a pedestrian crossing on Clark Street east of Clark Lane in the Short Beach area. The project includes the construction of a pedestrian crossing, including a sidewalk, a crosswalk, and a pedestrian crossing sign. The project also includes the construction of a pedestrian crossing sign on Clark Street east of Clark Lane. The project is to be completed by the end of the calendar year 2024.

**Project Objectives**  
The project objectives are to improve pedestrian safety, to improve the aesthetic appearance of the project area, and to improve the overall quality of the project area. The project objectives are to improve pedestrian safety, to improve the aesthetic appearance of the project area, and to improve the overall quality of the project area.

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**Project Location**  
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**Project Funding**  
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**Project Schedule**  
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**Project Contact**  
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**Project Approval**  
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**Project Sign-off**  
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## VHB Recommended Improvements Takeaways:

- Convey a more definitive sense of a Town Center
- Design elements that will enhance pedestrian safety within the Short Beach Area
- Improve facilities for pedestrians
- Create new links for pedestrians in the Short Beach Area
- Improve the aesthetics along the Route 142 Corridor
- Address safety issues along the Route 142 Corridor



# PROJECT BACKGROUND

## Funding Source:

**100% State Funded - 2021 House Bond Request**

## Purpose & Need:

**The project runs from the East Haven Line to Double Beach Road.**

**The project will improve the safety of both motorists and pedestrians while taking into consideration the recent designation as a Historic District on the National Register of Historic Places.**







# PROJECT BACKGROUND



2021 House Bond Request - Submitted Conceptual Plans



# EXISTING CONDITIONS



**No Sidewalk From East Haven  
Line Along Shore Drive**



**Non-Compliant Ramp Across  
Shore Drive to Clark Avenue**



**Obstructions**



# EXISTING CONDITIONS



**Non-Compliant Crossing  
Across Clark Avenue**



**Shore Drive at Court Street  
Intersection**

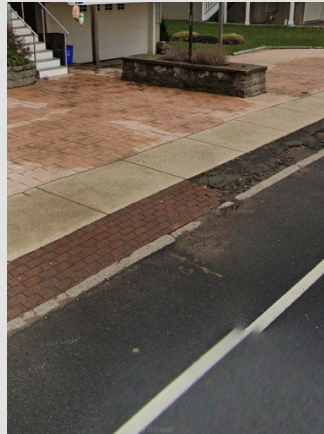




# EXISTING CONDITIONS



**Sidewalk Obstructions**



**Deteriorated Amenity Zones**



# EXISTING CONDITIONS



**Non-Compliant ADA Ramps**



**Unprotected Crossing**



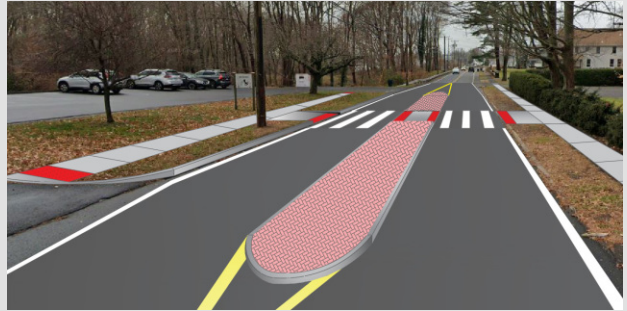
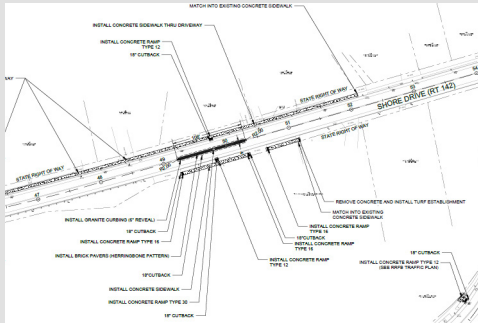
**Asphalt Sidewalks**



# Preliminary Design Plans



# Key Areas of Focus



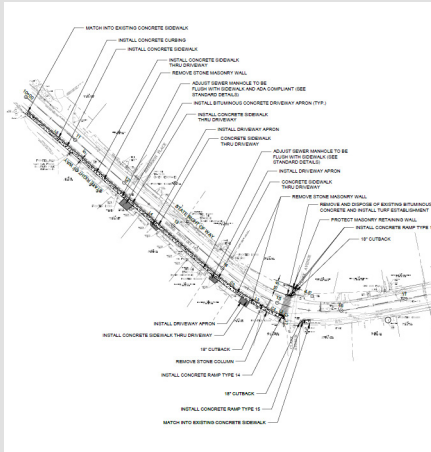
Traffic Island at Orchard House

- Required CTDOT Approval
- Potential for Short Beach Welcome Sign
- Crossing to Dog Park





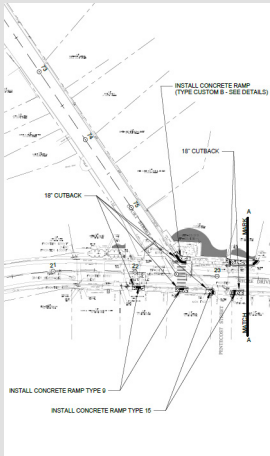
# Preliminary Design Plans



- Clark Avenue Crossing Improvements
- Clark Avenue will be reduced from 17' wide to 12' at intersection to install ADA concrete ramp



# Preliminary Design Plans

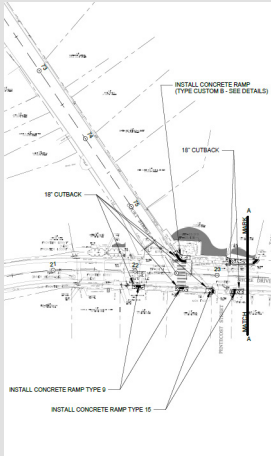


Sidewalk and Drainage Improvements at 132 Shore Drive

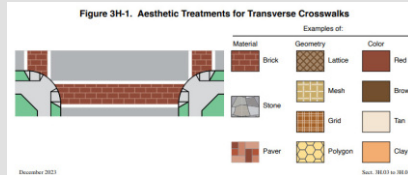
- Concrete splash block will be installed to reroute water off sidewalk



# Preliminary Design Plans



Additional ADA Concrete Ramps at Court Street Intersection







# Project Challenges

- **Minimal Right-of-Way**
- **Possible Stonewall / Monument Removals**
- **Sign Placement**
- **Utility Conflicts**
- **Approvals from CT DOT**



# Project Challenges



- 5 Shore Drive Stone Masonry Wall will be cut back to install new concrete sidewalk
  - Masonry Wall is within the State Right of Way



- 31 Shore Drive Stone Masonry Wall and Outermost Columns may be eliminated to install new concrete sidewalk
  - Masonry Wall and Columns are within the State Right of Way



# Project Challenges



- Sidewalk Along North Side of Shore Drive removed from project scope due to grading and funding concerns



# Project Challenges



- Proposed Bump-out at Court Street removed from project scope due to vehicle turning/queueing and geometric concerns



# Project Challenges



- Roof leaders will be adjusted to prevent water from flowing over ramp at 132 Shore Drive
- Existing Concrete Slope Against Building to Remain



- Sidewalk panels will be replaced where feasible given existing utility conflicts



# Next Steps

- Recieve Public Comments until September 27,2024
- Update Design to 90% and Submit Design Package to CTDOT - Late Fall 2024
- Incorporate CTDOT Comments and Finalize Design Package - Winter 2024
  - Obtain Permits and Solicit Bids - Winter 2024/2025
- Spring/Summer 2025 or Summer/Fall 2025 - Construction



## **Q & A**

### **Project Contacts**

**Kevin Ortiz, EIT - Civil Design Engineer**

**John Hoefflerle, PE, CFM - Town Engineer**

**Plans Available on Engineering Webpage ([branford-ct.gov](http://branford-ct.gov))**

**Email Comments by September 27, 2024**

**[engineering@branford-ct.gov](mailto:engineering@branford-ct.gov)**

**(203)315-0606**