Soundview Beach Park & Route 156 Bike Way

Public Informational Meeting No. 1

Old Lyme, CT
October 22, 2014

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Design Team Agenda

- Design Process
- Schedule
- Design Presentation
- Questions/Feedback

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Project Components

- Evaluation of Route 156
- Improvements to Hartford Avenue
- Soundview Park

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Design Process

- Project Mapping
- Preliminary Design
- Final Design
- Permitting
- Construction Documents
- Bidding and Contracting
- Construction

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Design Process

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Design Process

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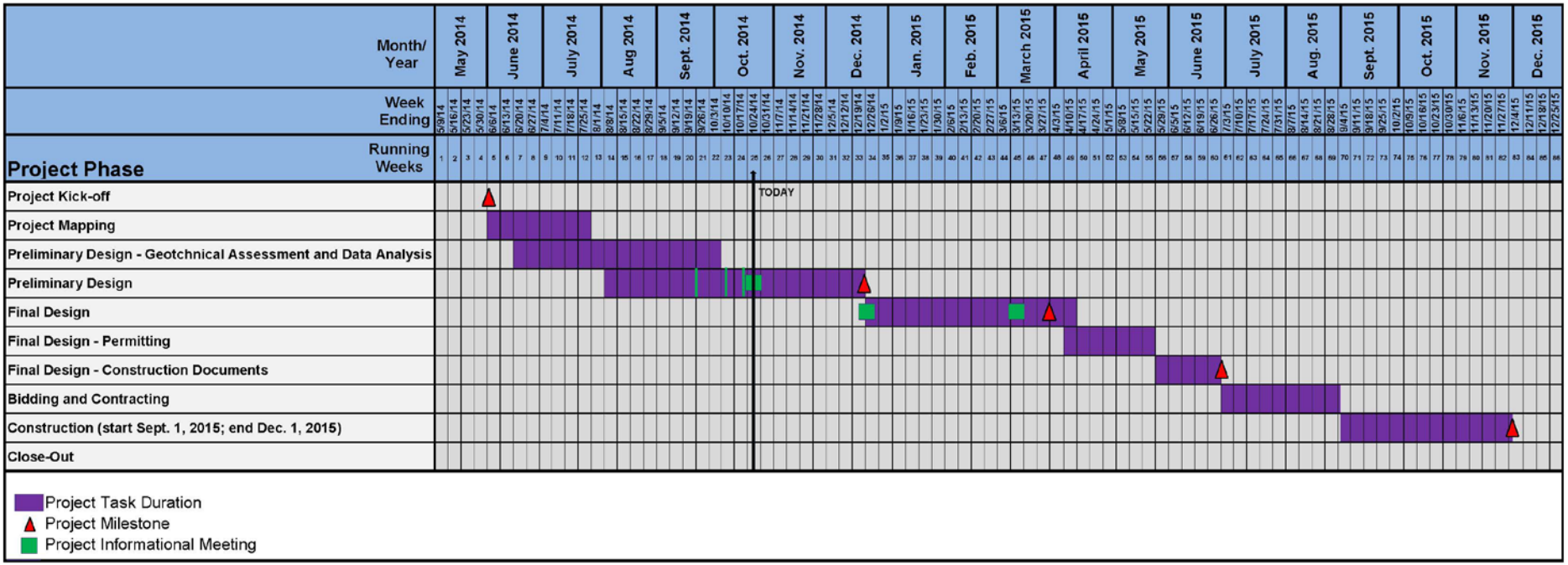
Project Schedule

Project Schedule
Route 156 and Sound View Bike Way Improvements
State Project No. 104-172
Updated 10-22-14



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Design Presentation

- Evaluation of Route 156
- Improvements to Hartford Avenue
- Soundview Park

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ROUTE 156

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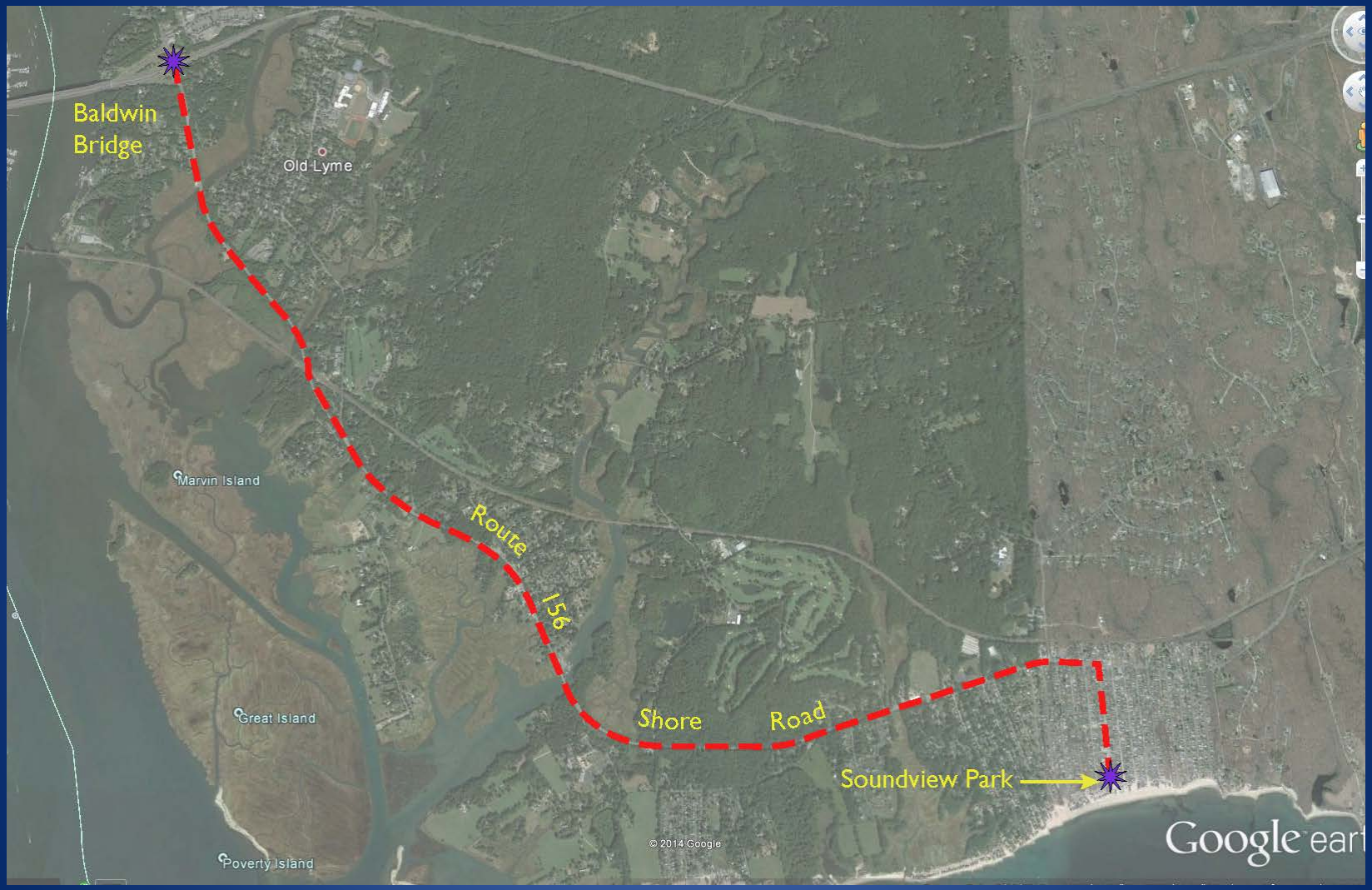
Evaluation of Route 156



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Evaluation of Route 156

Goal:

Evaluate the roadway within the project area to determine what improvements would be required for designation of this portion of the road as a bike route.

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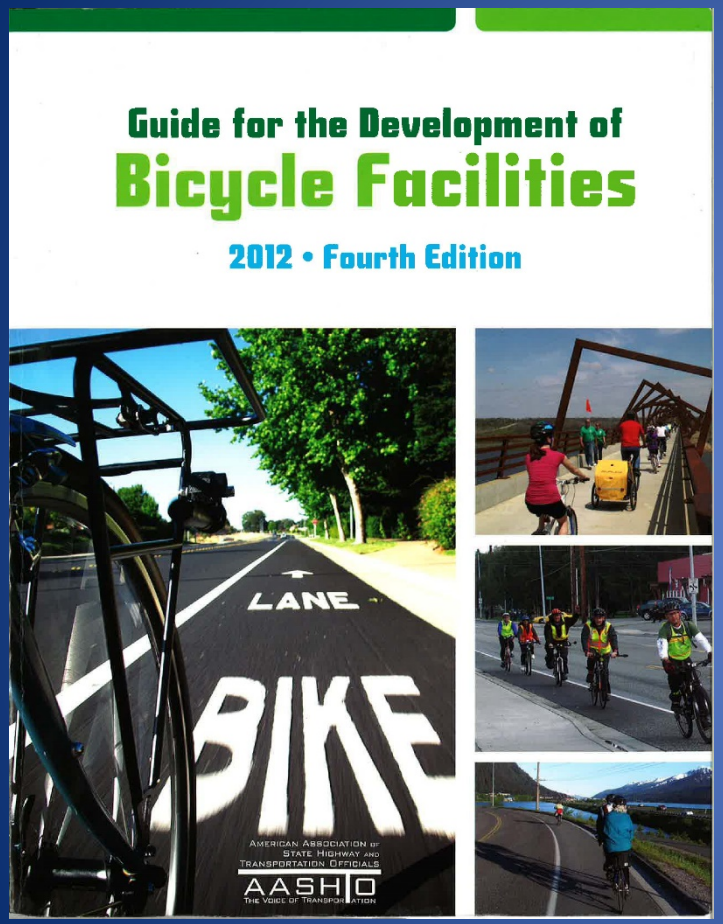
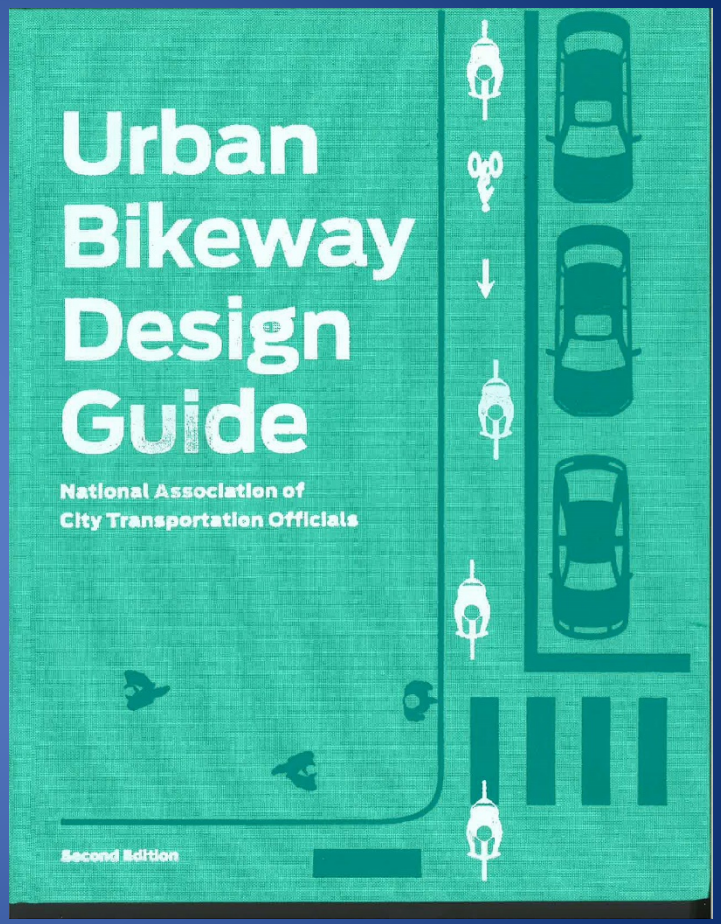
Evaluation of Route 156





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Evaluation of Route 156

Three Possible Configurations:

- Shared Lanes
- Paved Shoulders
- Bike Lanes

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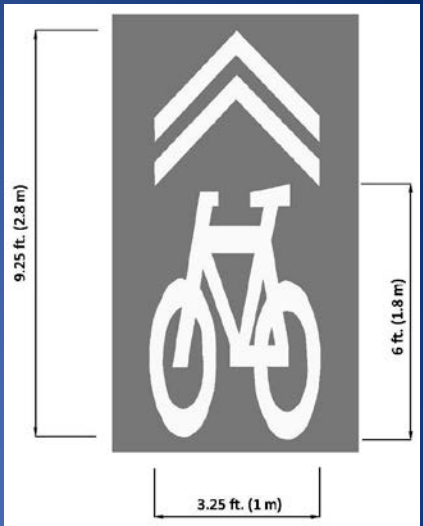
Evaluation of Route 156

Shared Lanes:

- AASHTO 4.3
- No bicycle-specific designs
- 14 foot lane preferred
- Signs and Pavement Markings



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Evaluation of Route 156

Shared Lanes:

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Evaluation of Route 156

Paved Shoulder:

- AAHSTO 4.5
- Most often used on rural roadways (preferred)
- No curb: At least 4 feet wide
- Guardrail, curb, or barrier: 5 feet wide

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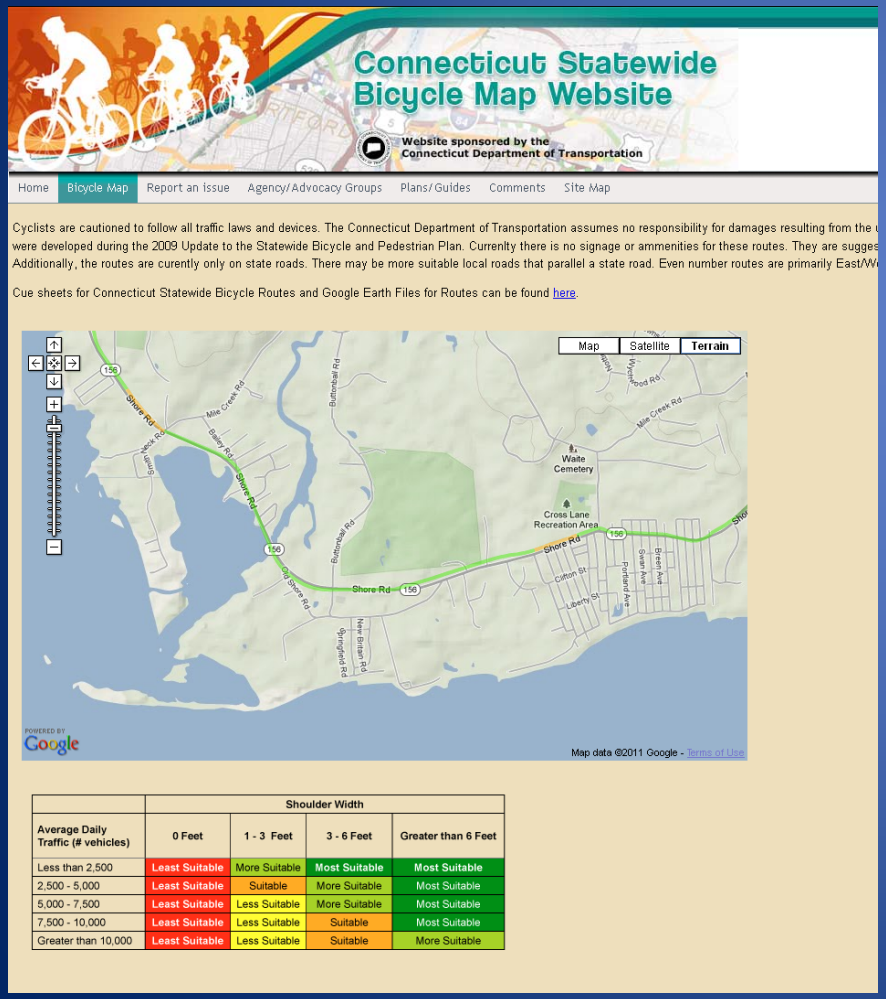
Evaluation of Route 156

Paved Shoulder:



	Shoulder Width			
Average Daily Traffic (# vehicles)	0 Feet	1 - 3 Feet	3 - 6 Feet	Greater than 6 Feet
Less than 2,500	Least Suitable	More Suitable	Most Suitable	Most Suitable
2,500 - 5,000	Least Suitable	Suitable	More Suitable	Most Suitable
5,000 - 7,500	Least Suitable	Less Suitable	More Suitable	Most Suitable
7,500 - 10,000	Least Suitable	Less Suitable	Suitable	Most Suitable
Greater than 10,000	Least Suitable	Less Suitable	Suitable	More Suitable

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Evaluation of Route 156

Bicycle Lanes:

- AASHTO 4.6
- Designated for preferential use by bicyclists
- Require additional space
- Minimum 5 feet wide
- 6-7 feet recommended adjacent to parking
- 6-8 feet with no parking and high bicycle use

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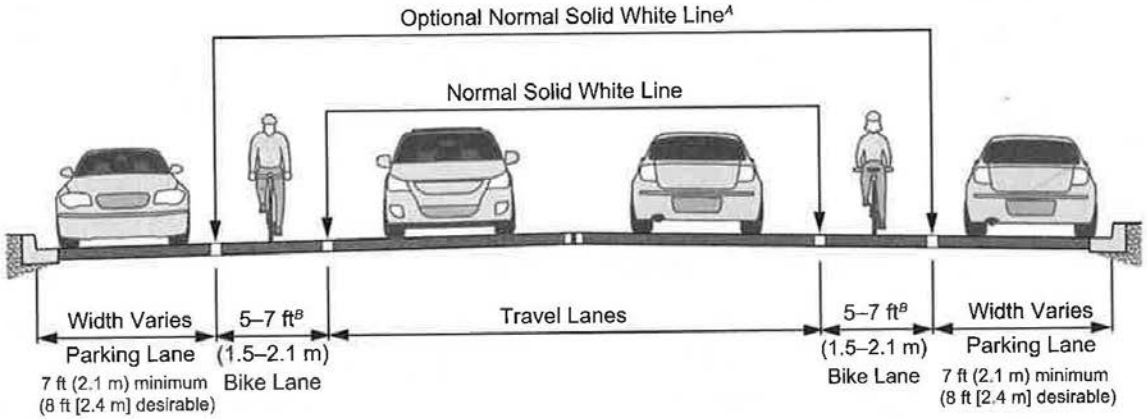
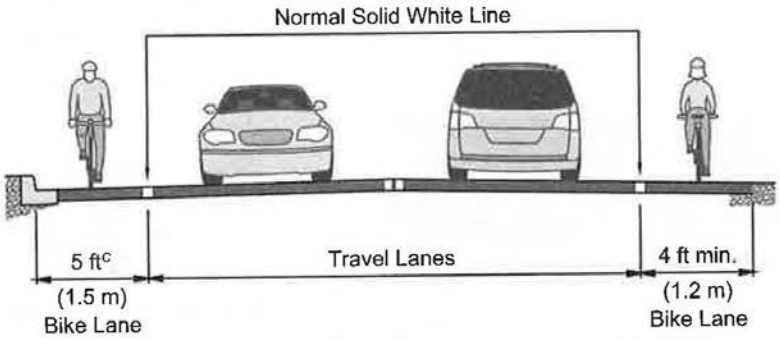
Evaluation of Route 156

Chapter 4: Design of On-Road Facilities



On Street Parking



Parking Prohibited

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Evaluation of Route 156

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Evaluation of Route 156 - Conclusion

What was found?

- Route 156 corridor from Baldwin Bridge to the East intersection of Old Shore Road is suitable for a paved shoulder bike facility.
- The remaining section East of the intersection can be a shared lane facility with shared roadway pavement markings and signage.
- Possibility of adding a transitional bike lane East bound on Route 156 through the Baldwin Bridge interchange.
- Addition of way-finding signage can be beneficial in providing destination information along the corridor.

West 75% is paved shoulder
East 25% is shared roadway.

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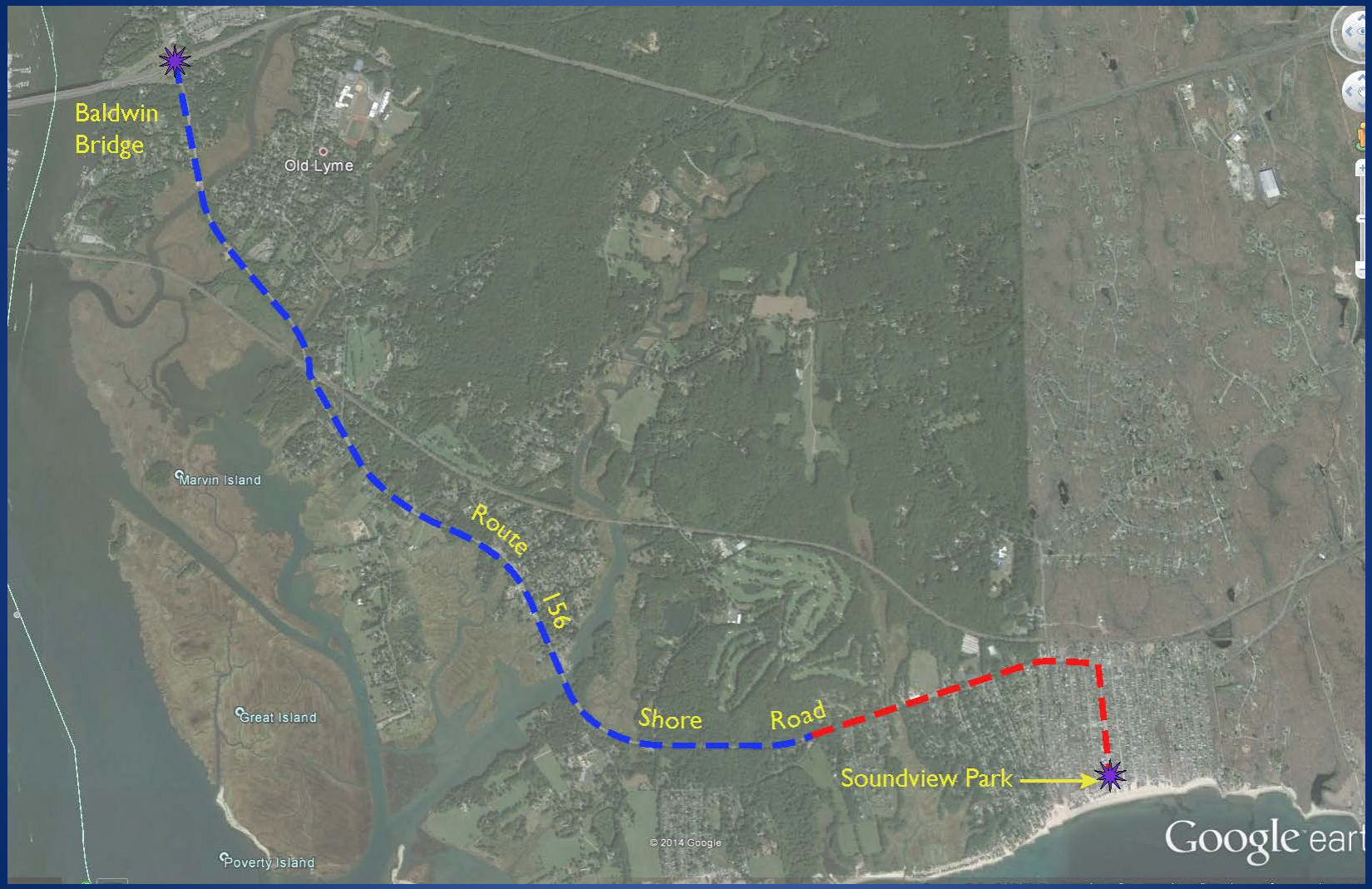
Evaluation of Route 156



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HARTFORD AVENUE

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Hartford Avenue

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Hartford Avenue

Goal:

To create a sense of place and identity for the Soundview Beach community that improves public safety and fosters business activities.

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Design Considerations:

- Employ “Complete Street” concepts that accommodates all users
- Maximize parking
- Improve vehicle circulation and mitigate traffic
- Pedestrian friendly
- Create public spaces that promotes people’s health, happiness, and well being.

Hartford Avenue

Program	Sidewalk	Parking	Bike Lane	Vehicle Lane	Vehicle Lane	Bike Lane	Parking	Sidewalk	Total	Need	Shortfall
Parallel parking (Section A)	8	10	0	12	12	0	0	8	= 50	50	0
Parallel parking (Section B)	8	8	0	13	13	0	0	8	= 50	50	0
Double Parallel parking (Section C)	5	8	0	12	12	0	8	5	= 50	50	0
Perpendicular parking (Section D)	4	18	0	12	12	0	0	4	= 50	50	0
45 deg. angle parking (Section E)	4.5	17	0	12	12	0	0	4.5	= 50	50	0
Bike Lanes with No parking	9	0	6	10	10	6	0	9	= 50	50	0
Parallel parking with bike lanes	7	8	4	10	10	4	0	7	= 50	50	0
Parallel parking with bike lanes	8	8	4	10	10	4	0	8	= 52	50	2
Double Parallel parking	8	8	0	10	10	0	8	8	= 52	50	2
Perpendicular parking	8	18	0	10	10	0	0	8	= 54	50	4
45 deg. angle parking	8	17	0	10	10	0	0	8	= 53	50	3

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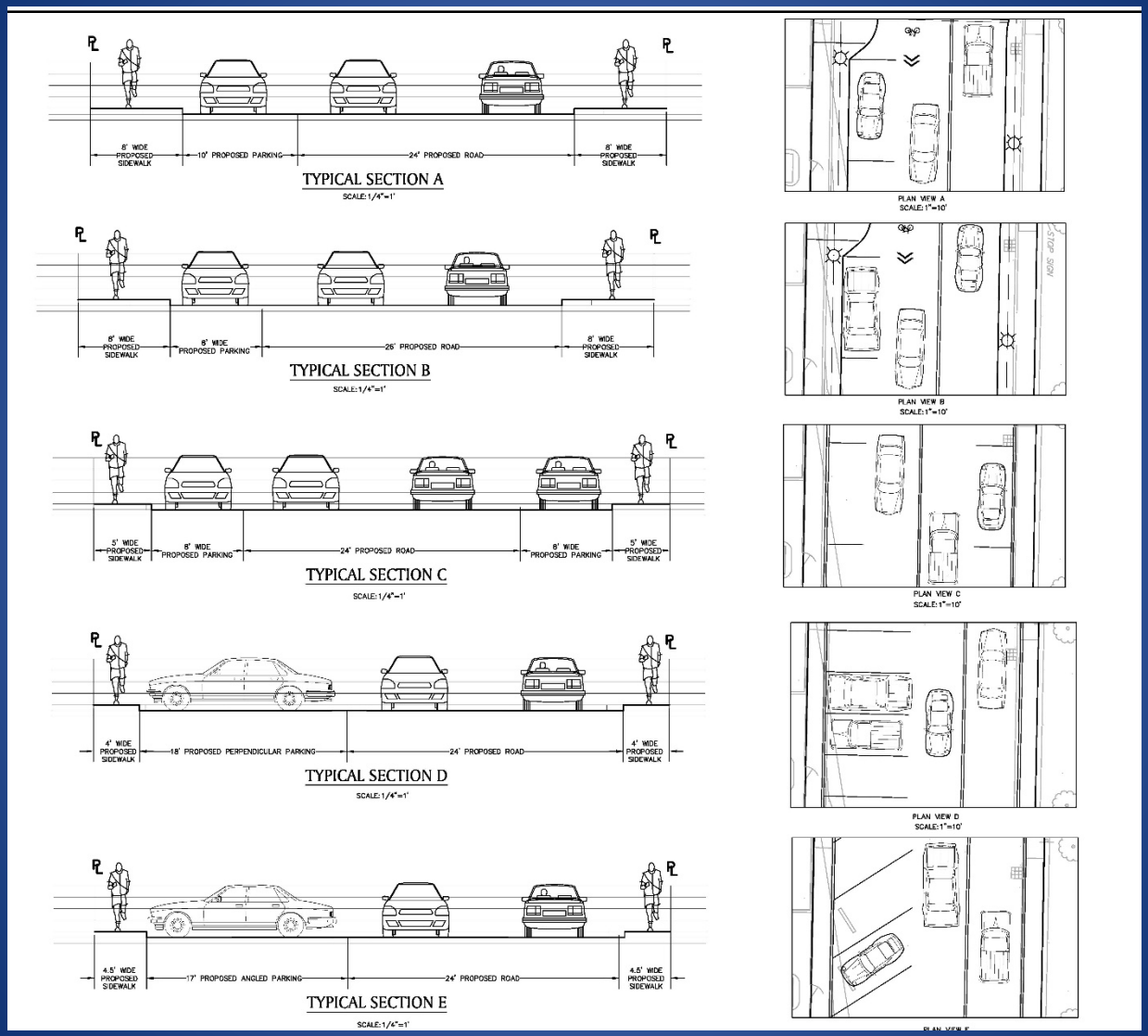
Hartford Avenue



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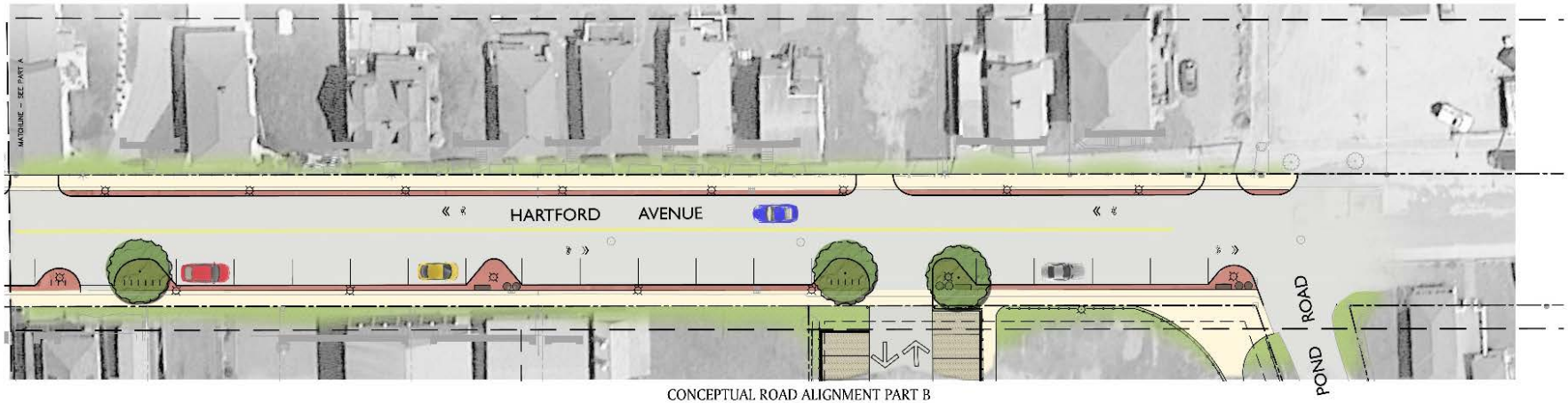
Hartford Avenue

CONCEPTUAL ROAD ALIGNMENT PART A



CONCEPTUAL ROAD ALIGNMENT PART B

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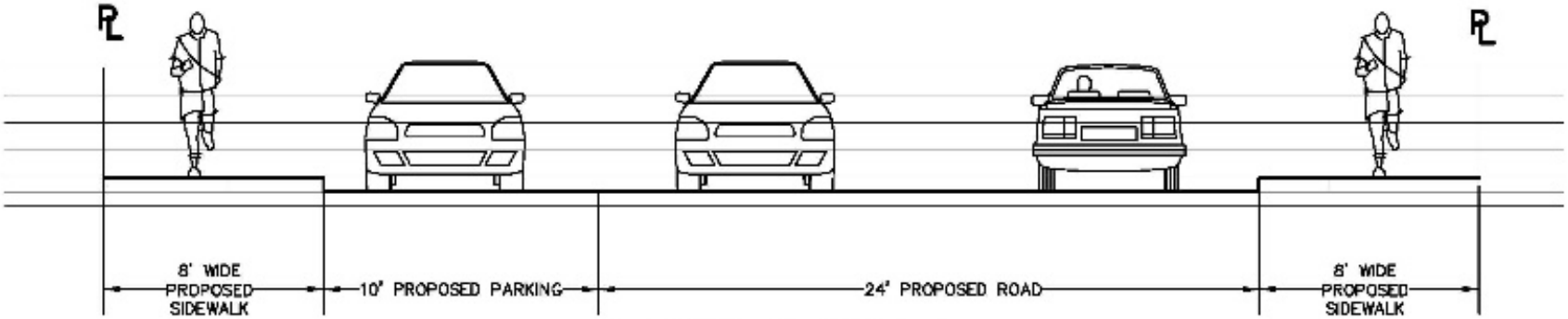
Hartford Avenue



TYPICAL SECTION A

SCALE: 1/4"=1'

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Hartford Avenue

Streetscape with Parallel Parking and Planted Bump-outs

Streetscape with Sidewalk and Pavers

Streetscape with Sidewalks, Pavers, and Trees

Gravel Parking with Asphalt Aisle and Pavers

Gravel Parking with Asphalt Aisle

Gravel Parking with Asphalt Aisle and Painted Markings

Gravel Parking with Asphalt Aisle and Concrete Markers

Street Lighting with Basket

Crosswalk with Concrete Pavers

Stamped and Colored Asphalt

Street Lighting

Lighting with Banner, Basket, and Flagpole

Wooden Lightpole

Pedestrian Lighting with Basket

Street Lighting, Pedestrian Lighting, and Banner

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Hartford Avenue

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SOUND VIEW PARK

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Soundview Park

Goal:

To provide a gathering space that incorporates parking, public restrooms, and ample green space while remaining flexible to the needs of the community.

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Design Considerations:

- Create a public space that promotes people's health, happiness, and well being
- Incorporate public restrooms
- Provide a flexible space for programming of various events
- Sustainability
- Resiliency to storm events
- Context sensitive

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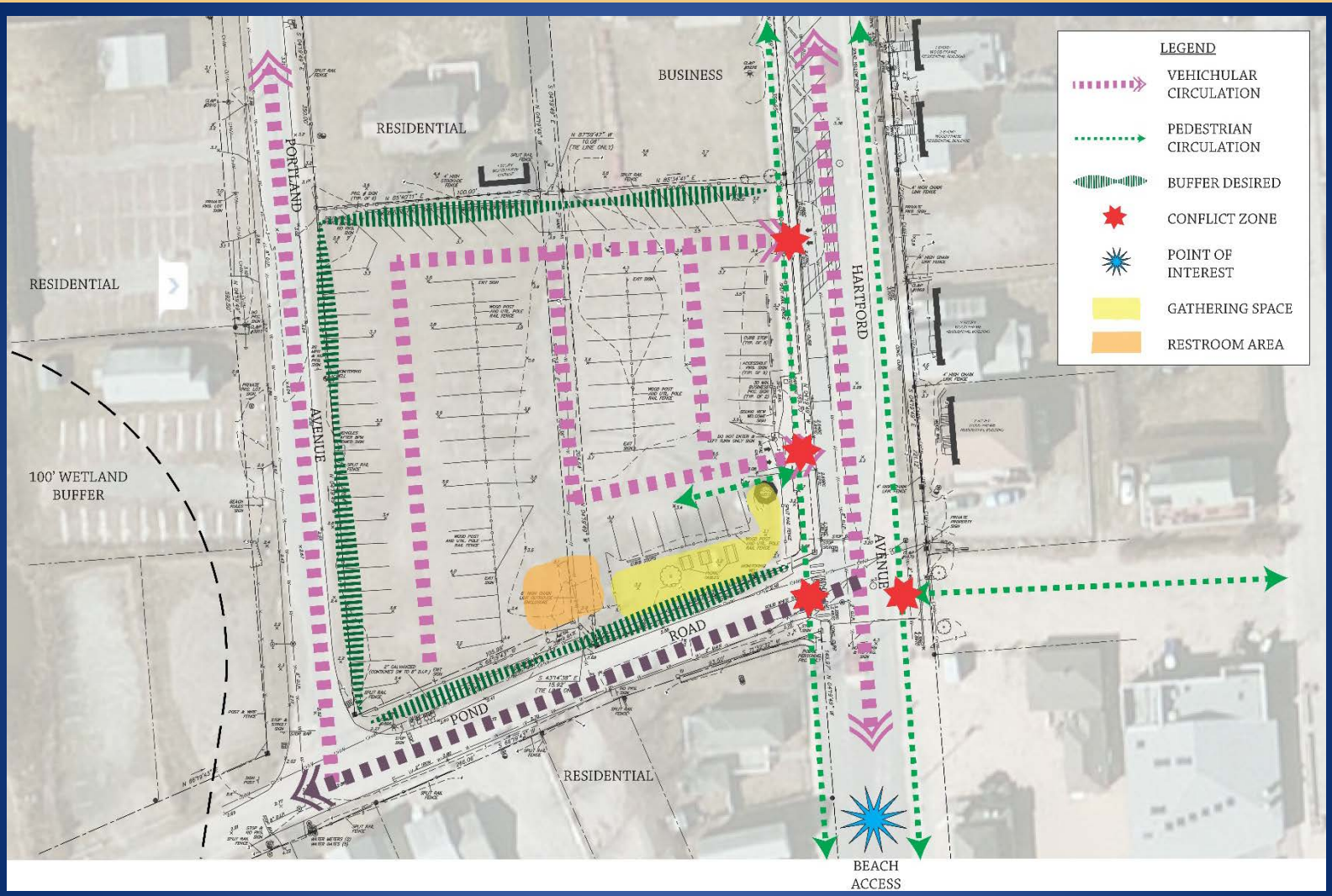
Soundview Park



Existing Conditions Analysis

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Soundview Park

Park Site Plan

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Soundview Park

Wooden Post and Rope

Wooden Picnic Table

Metal Picnic Table

Solidago sempervirens - Seaside Goldenrod

Spartina patens - Saltmeadow Cordgrass

Ammophila breviligulata - American Beachgrass

Split-Rail Fence

Wooden Round Table

Metal Park Bench

Rosa virginiana - Virginia Rose

Myrica pensylvanica - Bayberry

Clethra alnifolia - Sweet Pepperbush

Ornamental Wooden Fence

Wooden Park Bench

Metal Trash Receptacle

Wooden End-Post

Ornamental Metal Trash Receptacle

Whimsical Bicycle Racks

U-Shaped Bicycle Racks

Juniper virginiana - Red Cedar

Timber Guard Rail

Granite Post and Metal Chain

Circular Bicycle Racks

Wave-Shaped Bicycle Racks

Metal Post and Chain

Granite Post and Metal Rail

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Thank You!

Questions?

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