

Winthrop Shore Drive Improvements Project



DCR Public Meeting

Wednesday, June 22, 2016 - 6:30 p.m. – 8:00 p.m.
Robert A. DeLeo Winthrop Senior Center – Winthrop, MA



Commonwealth of Massachusetts

Governor

Charles D. Baker

Lieutenant Governor

Karyn E. Polito

Energy and Environmental Affairs Secretary

Matthew A. Beaton

Department of Conservation and Recreation Commissioner

Leo P. Roy



DCR Mission Statement

To protect, promote and enhance our common wealth of natural, cultural and recreational resources for the well-being of all.

Purpose of Public Meeting

- DCR presentation and Q&A, and public input on, proposed 100% design plans for the Winthrop Shore Drive/Uplands Improvement Project
- General Q&A/Discussion on Winthrop Beach Shore Protection, Endangered Species

Project Goals

- Improve sidewalks and install sidewalk amenities at major entrances
- Reconstruct roadway
- Improve drainage/storm water management
- Improve accessibility
- Enhance ocean side lighting
- Create new Beach Road Gateway.



Project Requirements

- **Two-way traffic**
- **On-street parking**
- **Adequate width for Fire Department vehicles and truck traffic**
- **Emergency response route.**



Project Consultant Team

- **Parsons Brinckerhoff, Inc.** – *Lead Engineering Consultant*
- **Applied Coastal Research & Engineering Inc.** – *Coastal Engineers*
- **Pressley Associates, Inc.** - *Landscape Architects*



Sidewalk Improvements and Amenities at Major Entrances

- Create an additional 24,000 SF of concrete sidewalks, increasing widths on the ocean side from the current 8' to either 11' or 15' (at bump-outs), and on residential side from 5' to 6'
- Install amenities at 5 major entrances – Coral St./Bathhouse, Pearl Ave*., Cutler St., Sturgis St., Charles St.
 - 10 additional benches
 - 4 bicycle racks
 - 4 drinking fountains
 - 4 shower towers.

* Pearl Ave. amenities were installed previously during Winthrop Beach Shore Protection project.



Proposed Rendering of Winthrop Shore Drive

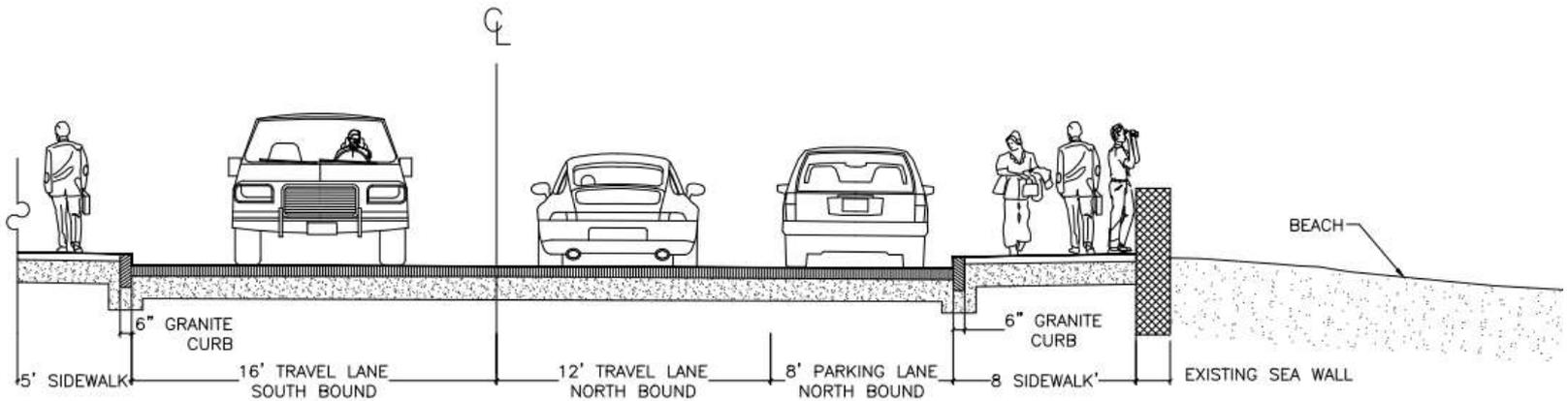


Reconstruct Roadway

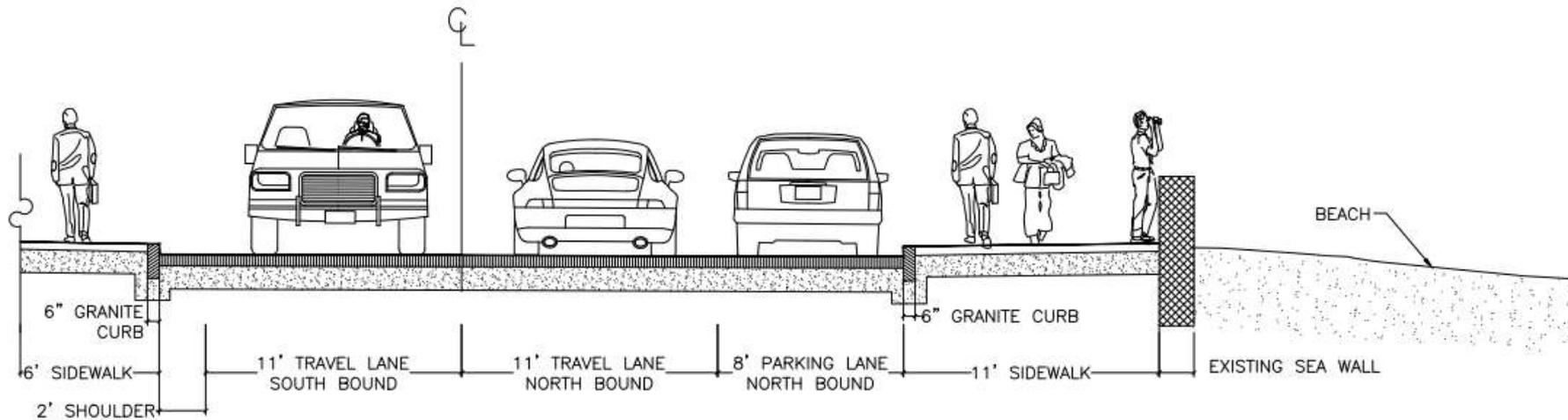
- Slightly narrower travel lanes help reduce speed
- Full depth reconstruction is anticipated to provide a 20-year design life



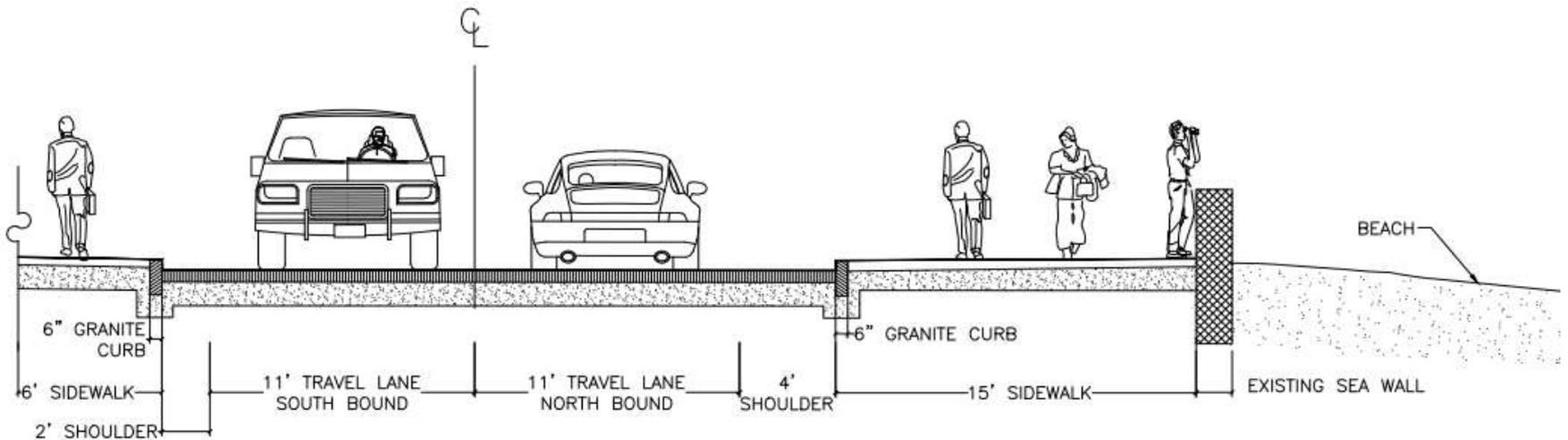
Cross-Section: Winthrop Shore Drive Existing Section



Cross-Section: Winthrop Shore Drive Proposed Section

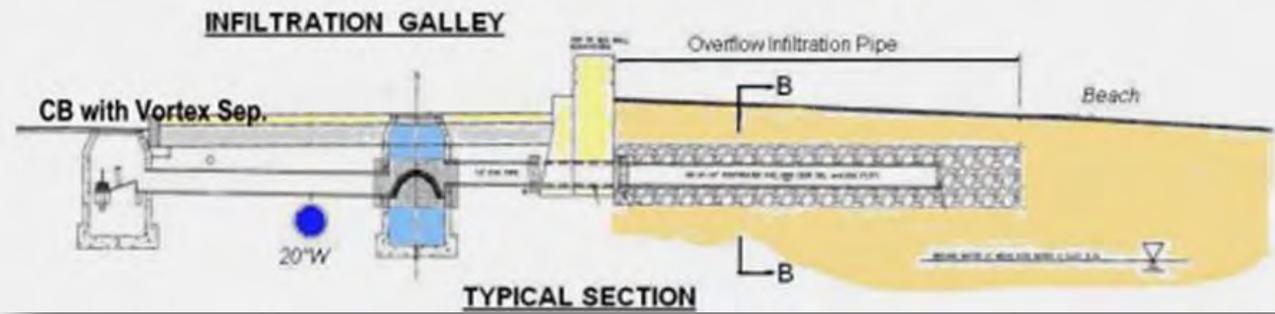
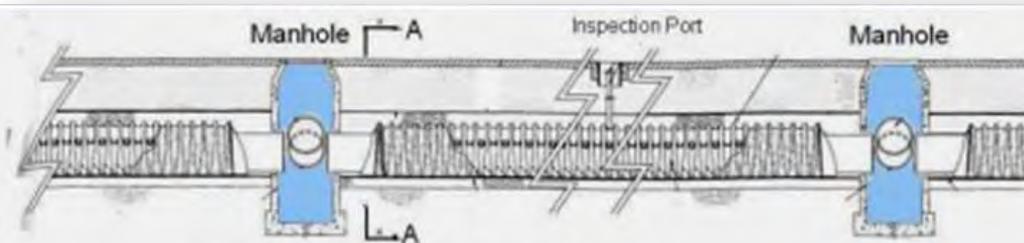
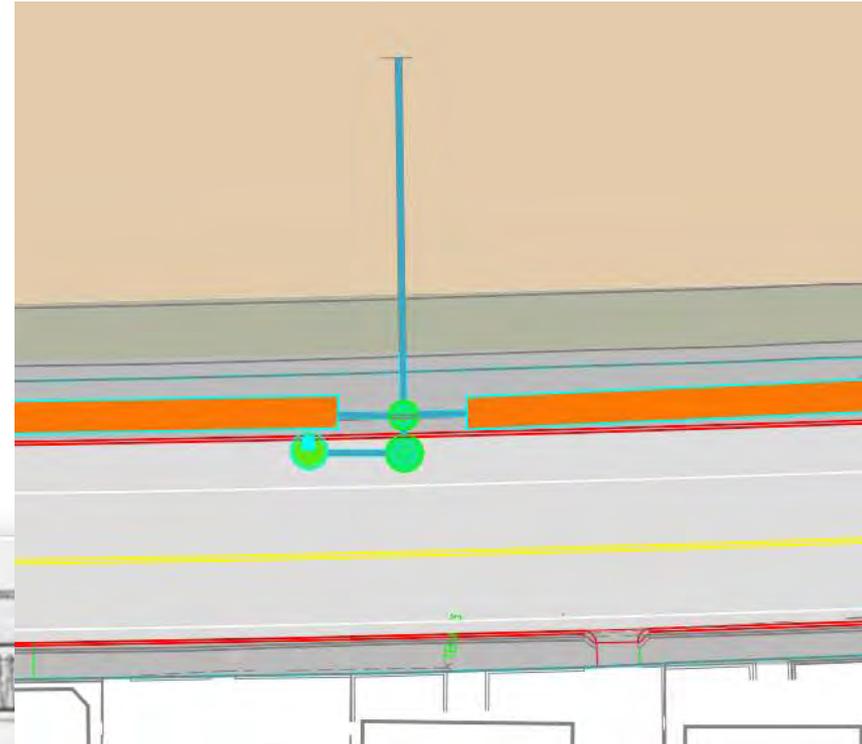


Cross-Section: Winthrop Shore Drive – Proposed Section at Bump-Out



Improved Drainage/Stormwater Management

- **New Stormwater Management System**
 - New catch basins
 - New water quality manholes
 - New stormwater infiltration system



New Stormwater Management System - Advantages

- **Similar to system in place at Revere Beach in operation for 8 years**
- **Chambers set at same elevation allowing for water to spread evenly to maximize exfiltration rate**
- **Does not rely on discharge at beach – if outlet is clogged it will not affect water draining from roadway**
- **Ability to correct low spots in roadway and ensure drainage to new catch basins**

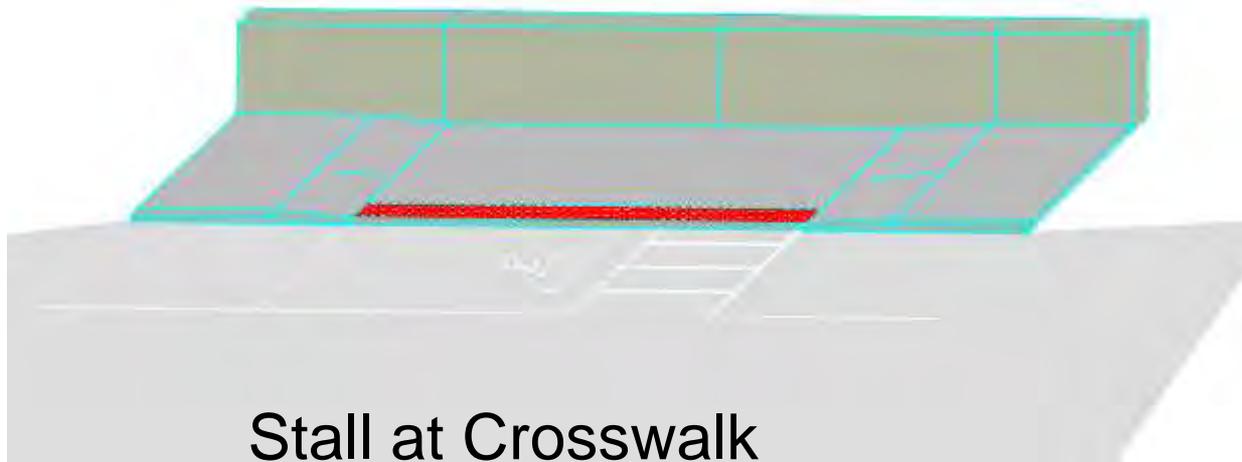
Accessibility Improvements – Sidewalks / Roadway

- Narrowing of traveling roadways to 11' provides sufficient space for 6' walkway on residential side (as opposed to current 5'), allowing 3' of passable space in areas of obstructions, such as hydrants, sign-posts, and utility poles at street corners
- New intersection design at all cross-streets, including raised crosswalks to meet slope requirements for accessibility
- New wheelchair ramps on each side of the roadway.

Special Accessible Parking Spaces



Regular Stall



Stall at Crosswalk

Enhanced Ocean Side Lighting

Enhance Ocean Side Lighting Options

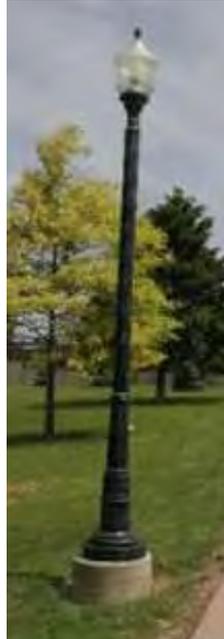
Globe
Fixture –
Revere Beach



Pendant
Fixture –
Nahant Beach



Acorn
Fixture



Replace Aluminum Poles at North
End with Historic Fixtures



New Beach Road Gateway





Questions During Construction - Contact

- Call 911, if emergency
- DCR Office of Community Relations: 617-626-4973

Schedule/Next Steps

- **Public Comment Period** Through July 6, 2016
- **Complete design:** 2016
- **Bid & award:** 2016
- **Pre-construction Public Meeting:** 2016
- **Construction:** 2017/2018



Questions and Answers – Winthrop Shore Drive

Proposed Rendering of Winthrop Shore Drive



General Q&A/Discussion

- **Winthrop Beach Shore Protection**
- **Endangered Species**

Additional Information

For more information:

<http://www.mass.gov/eea/agencies/dcr/public-outreach/public-meetings/>

If you have comments:

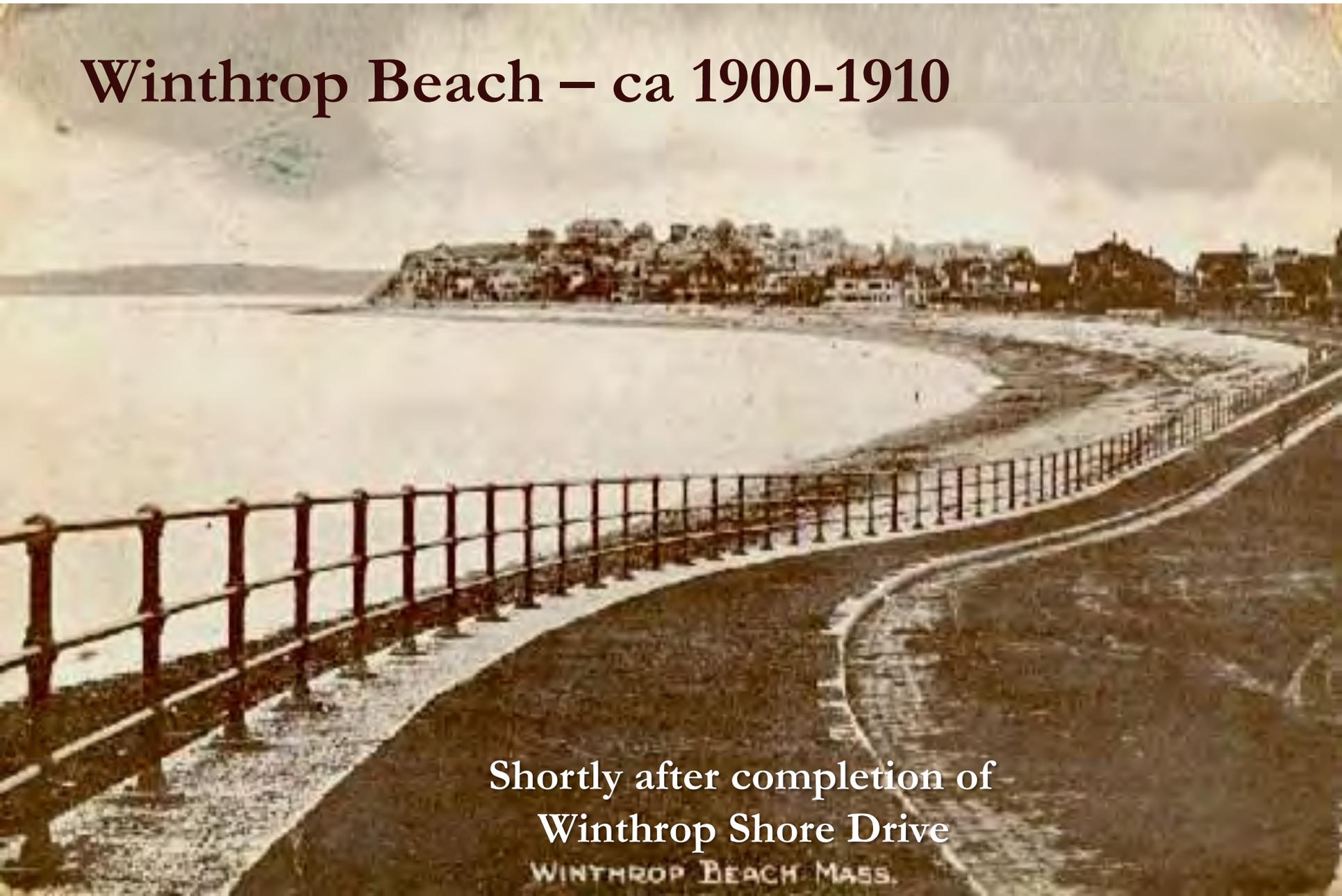
Submit Online: <http://www.mass.gov/eea/agencies/dcr/public-outreach/submit-public-comments/>

Write: Department of Conservation and Recreation
Office of Public Outreach
251 Causeway Street, Suite 600
Boston, MA 02114

Deadline: Friday, July 6, 2016 (for Winthrop Shore Drive project)
Note: Public comments submitted to DCR may be posted on the DCR website in their entirety.

If you have other questions or concerns, or wish to subscribe to a DCR general information or project-specific listserv: contact DCR's Office of Community Relations at 617-626-4973 or Mass.Parks@state.ma.us.

Winthrop Beach – ca 1900-1910



Shortly after completion of
Winthrop Shore Drive

WINTHROP BEACH MASS.