

Beach Access & Operations Council Workshop

Public Works Department
Coastal Division

October 5, 2017



Beach Access & Operations

Ramp Inventory

32 Potential Vehicle Access Ramps

North End: 26 Ramps
South End: 6 Ramps

- 22 Ramps open for 2017 season
- 10 Ramps not open in 2017
 - 3 Ramps recommended to be opened in 2018
 - River Beach Dr. (OB-35)
 - Boylston Ave (DB-41)
 - Williams Ave (DB-42) – Storm damage, repairs this winter
 - 4 Ramps are 40 feet wide or less
 - Seminole Ave (OB-32)
 - Rockefeller Dr (OB-34)
 - Seaview Ave (DB-44)
 - Zelda Blvd (DB-46)
 - Ramps recommended to remain closed in 2018.
 - Demotte St (DBS-79) – Tandem ramp with Dunlawton dual entry
 - Plaza Blvd (DB-39) – Significant repairs needed (Irma)
 - 16th Ave (NS-130) – Unimproved access, major improvements, community outreach, major permitting

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Capital Improvements

Ramp	Toll Booth	Signage	Site Improvements	Total
Seminole Ave (OB-32)	\$12,155	\$500	\$5,000	\$17,655
Rockefeller Ave (OB-34)	\$12,155	\$500	\$5,000	\$17,655
River Beach Dr (OB-35)	\$12,155	\$500	\$5,000	\$17,655
Boylston Ave (DB-41)	\$12,155	\$500	\$5,000	\$17,655
Seaview Ave. (DB-44)	\$12,155	\$500	\$5,000	\$17,655
Zelda Blvd (DB-46)	\$12,155	\$500	\$5,000	\$17,655
Williams Ave (DB-42)	\$12,155	\$0	\$0	\$12,155
Totals	\$85,085	\$3,000	\$30,000	\$118,085

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Operating the 7 Closed Ramps

In Season Only Operation = \$35,786.88/Ramp

Full Service Operation = \$60,473.20/Ramp

Operational Costs for 7 Closed Ramps*

Service Level	Operation Cost/Ramp	Operation for 7 Ramps Annually
In Season Only	\$35,786.88	\$250,508.16
Full Service	\$60,473.20	\$423,312.40

*One attendant at a ramp

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Expediting the Entry

What type of entry is the quickest?

Annual pass re-entry

What type of entry takes the longest?

Annual pass sales at the ramp

Annual Passes sold during holidays 2017:

999	Sold over Memorial Day weekend
720	Sold over July 4 th weekend (5 days)
240	Sold over Labor Day weekend

Recommendation:

- Restrict annual pass sales at ramps
- Utilize roving or fixed annual pass sales on the beach
- Promote online renewals

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Pass Holders Only Ramps

How would it work?

Ramp Options

- Option 1: Convert an existing open ramp
- Diminimus costs to implement
 - Only option for South Beach (NSB)
- Option 2: Open a closed ramp
- More costly to implement
 - Increased operational costs

Recommendation:

- 1 ramp in each municipality dedicated to pass holders only (Beach St. in Ponce Inlet the only exception)

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Expediting the Entry

2017 Improvements Currently in Place

- Dual lane entry at 4 ramps
- Pass holders lane/bypass
- Additional toll staff on weekends (including Fridays)
- Supervisors – Floating and ramp specific
- Walkers – Ability to service more than one vehicle in line at the same time
- Alternative ramp mapping released
- Renewable Annual Passes
- Strip the Script
- Special event staffing plan

2017 Estimated Toll Operation Costs

Baseline Cost	\$962,954.60
Increase in Service	\$132,693.22
Total Estimated:	\$1,095,647.82

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Type of Pass	Fee Schedule	2016	2017 (Jan 1 – Sep 30 th)
Resident Annual Passes	\$25	32,553	29,324
Resident Annual Combo Passes	\$45	8,594	8,412
Visitor Annual Passes	\$100	1,631	1,878
Visitor Annual Combo Passes	\$120	272	444
Daily Beach Pass	\$10	418,638	382,625
Totals		463,704	422,683

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Discussion



