

**From:** [Mike Murray](#)  
**To:** [Sandra Hamilton](#)  
**Cc:** [doug\\_wetmore@nps.gov](mailto:doug_wetmore@nps.gov); [Fox, Lori](#); [Van Dyke, Nancy](#); [Byron, Rebecca](#); [Sandra\\_Hamilton@nps.gov](mailto:Sandra_Hamilton@nps.gov); [Thayer Broili](#); [Paul Stevens](#)  
**Subject:** Maps 1-4  
**Date:** 06/28/2010 01:48 PM  
**Attachments:** [F-1.mbm.pdf](#)  
[F-2.mbm.pdf](#)  
[F-3.mbm.pdf](#)  
[F-4.mbm.pdf](#)

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Sandy,

See attached maps with edits. Once the maps have been updated to incorporate the changes indicated, it would be helpful to re-calculate the mileages. Also, when the mileages are re-calculated, I would appreciate a calculation of the total shoreline miles in Pea Island NWR from Oregon Inlet to the north boundary of Rodanthe.



F-1.mbm.pdf



F-2.mbm.pdf



F-3.mbm.pdf



F-4.mbm.pdf

Thanks,

Mike Murray  
Superintendent  
Cape Hatteras NS/ Wright Brothers NMem/ Ft. Raleigh NHS  
(w) 252-473-2111, ext. 148  
(c) 252-216-5520  
fax 252-473-2595

**CONFIDENTIALITY NOTICE**

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0026983

From: [Mike Murray](#)  
To: [Van Dyke, Nancy](#)  
Cc: [doug\\_wetmore@nps.gov](#); [Fox, Lori](#); [Paul\\_Stevens@nps.gov](#); [Byron, Rebecca](#); [Sandra\\_Hamilton@nps.gov](#); [Thayer\\_Broili@nps.gov](#)  
Subject: RE: Maps 1-4  
Date: 06/30/2010 10:03 AM

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Nancy,

The one (new) connector indicated on map 4 would be the ORV route between the extended interdunal road and the ORV corridor on the beach. We would allow vehicle parking at various points along the interdunal road and pedestrian access to the beach (when no resource closures are in effect). These would generally be at least 0.9 mile west of Ramp 45 (because of wetland issues east of that point) then occur periodically over to Ramp 49. We are not prepared to precisely identify or map those locations in the FEIS, but would eventually do so in a subsequent "access infrastructure" EA. For now Map 4 should simply show the ORV route connector, but not identify pull-out parking or any new developed foot trails along the interdunal road.

Thanks,

Mike Murray  
Superintendent  
Cape Hatteras NS/ Wright Brothers NMem/ Ft. Raleigh NHS  
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fax 252-473-2595

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▼ ["Van Dyke, Nancy" <nvandyke@louisberger.com>](#)

**"Van Dyke, Nancy"**  
[<nvandyke@louisberger.com>](#)

06/30/2010 11:32 AM

To [<Mike\\_Murray@nps.gov>](#),  
[<Sandra\\_Hamilton@nps.gov>](#)  
cc [<doug\\_wetmore@nps.gov>](#), "Fox, Lori"  
[<lfox@louisberger.com>](#), "Byron, Rebecca"  
[<rbyron@louisberger.com>](#),  
[<Sandra\\_Hamilton@nps.gov>](#),  
[<Thayer\\_Broili@nps.gov>](#),  
[<Paul\\_Stevens@nps.gov>](#)

Subject RE: Maps 1-4

Hi Mike and Sandy - a question on map 4 - during our calls it was decided to have pullouts along the interdunal road extension and people could then walk directly south down to access South Beach that is now

ORV free YR - now it shows just one connector. It is still your intent to have the pullouts so visitors can park and walk directly south to the beach? If so , do we need to show other connectors so it does not look like the only place you can walk over to the beach is on that one connector, or is it assumed that they can walk anywhere through that area ? Thanks!  
Nancy

-----Original Message-----  
From: Mike\_Murray@nps.gov [mailto:Mike\_Murray@nps.gov]  
Sent: Monday, June 28, 2010 3:44 PM  
To: Sandra\_Hamilton@nps.gov  
Cc: doug\_wetmore@nps.gov; Fox, Lori; Van Dyke, Nancy; Byron, Rebecca;  
Sandra\_Hamilton@nps.gov; Thayer\_Broili@nps.gov;  
Paul\_Stevens@nps.gov  
Subject: Maps 1-4

Sandy,

See attached maps with edits. Once the maps have been updated to incorporate the changes indicated, it would be helpful to re-calculate the mileages. Also, when the mileages are re-calculated, I would appreciate a calculation of the total shoreline miles in Pea Island NWR from Oregon Inlet to the north boundary of Rodanthe.

(See attached file: F-1.mbm.pdf) (See attached file: F-2.mbm.pdf)  
(See attached file: F-3.mbm.pdf) (See attached file: F-4.mbm.pdf)

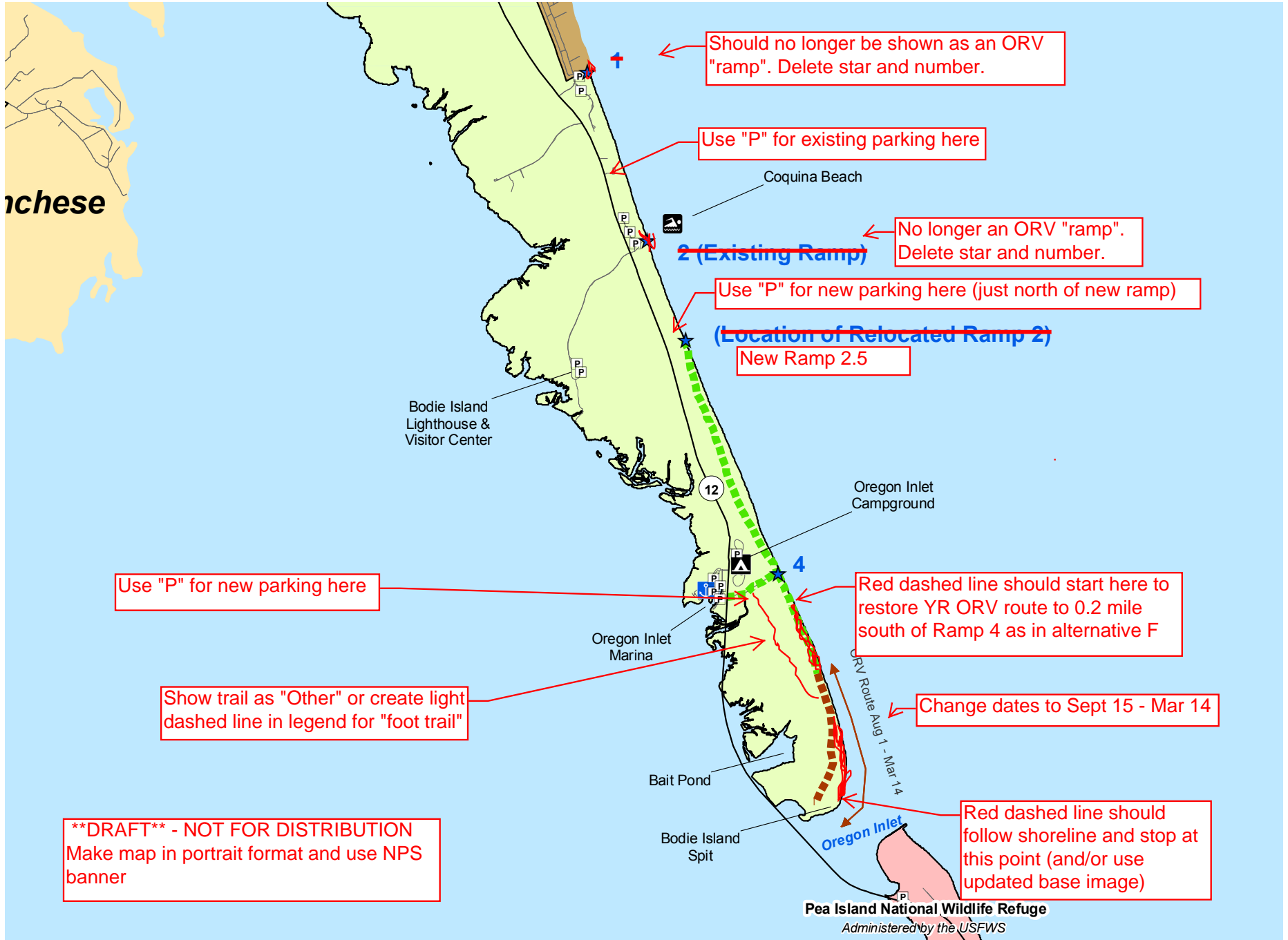
Thanks,

Mike Murray  
Superintendent  
Cape Hatteras NS/ Wright Brothers NMem/ Ft. Raleigh NHS  
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0026985



Should no longer be shown as an ORV "ramp". Delete star and number.

Use "P" for existing parking here

No longer an ORV "ramp". Delete star and number.

Use "P" for new parking here (just north of new ramp)

~~(Location of Relocated Ramp 2)~~  
New Ramp 2.5

Use "P" for new parking here

Red dashed line should start here to restore YR ORV route to 0.2 mile south of Ramp 4 as in alternative F

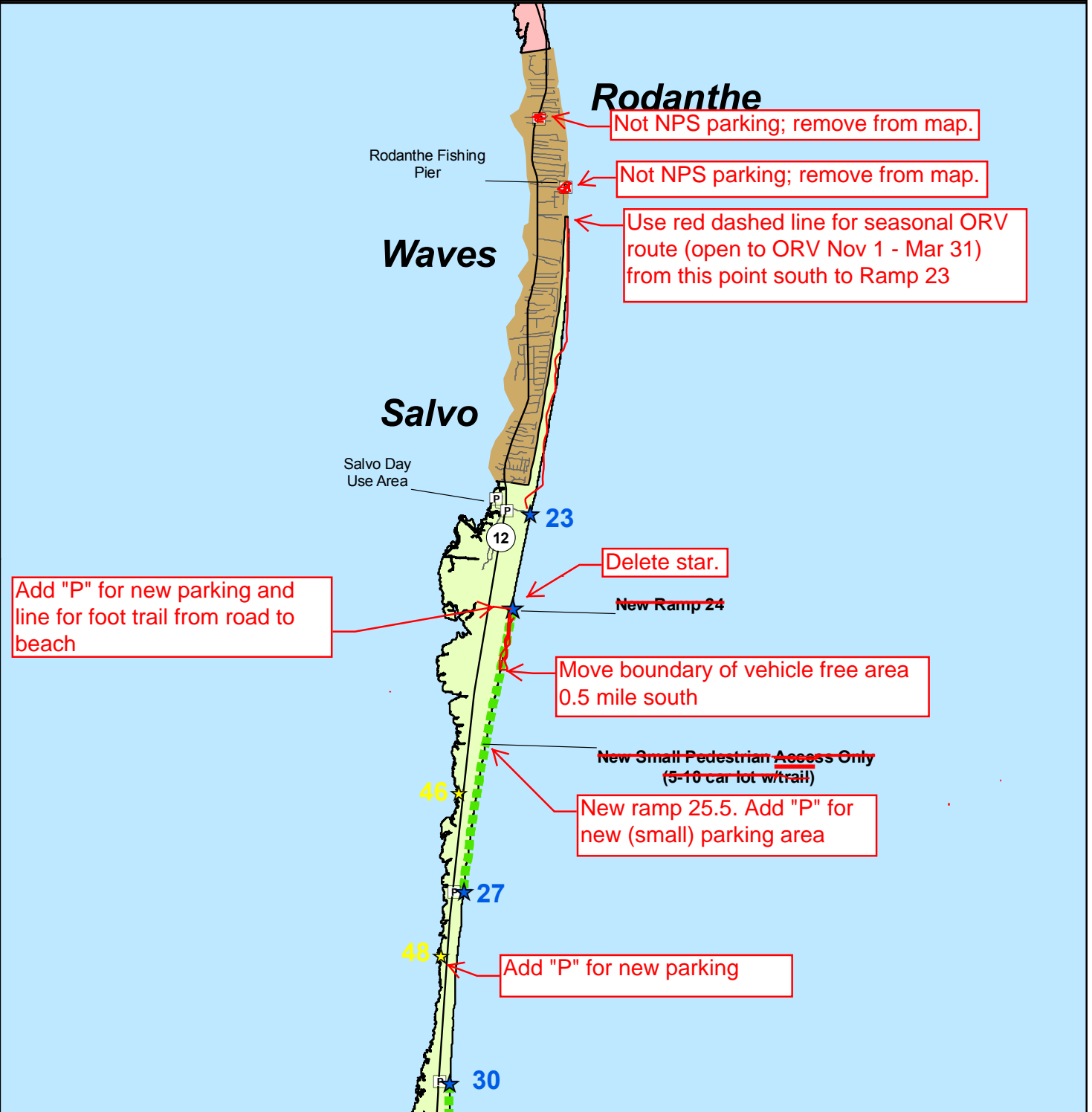
Show trail as "Other" or create light dashed line in legend for "foot trail"

Change dates to Sept 15 - Mar 14

**\*\*DRAFT\*\* - NOT FOR DISTRIBUTION**  
Make map in portrait format and use NPS banner

Red dashed line should follow shoreline and stop at this point (and/or use updated base image)

Pea Island National Wildlife Refuge  
Administered by the USFWS

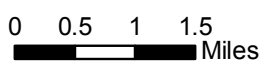


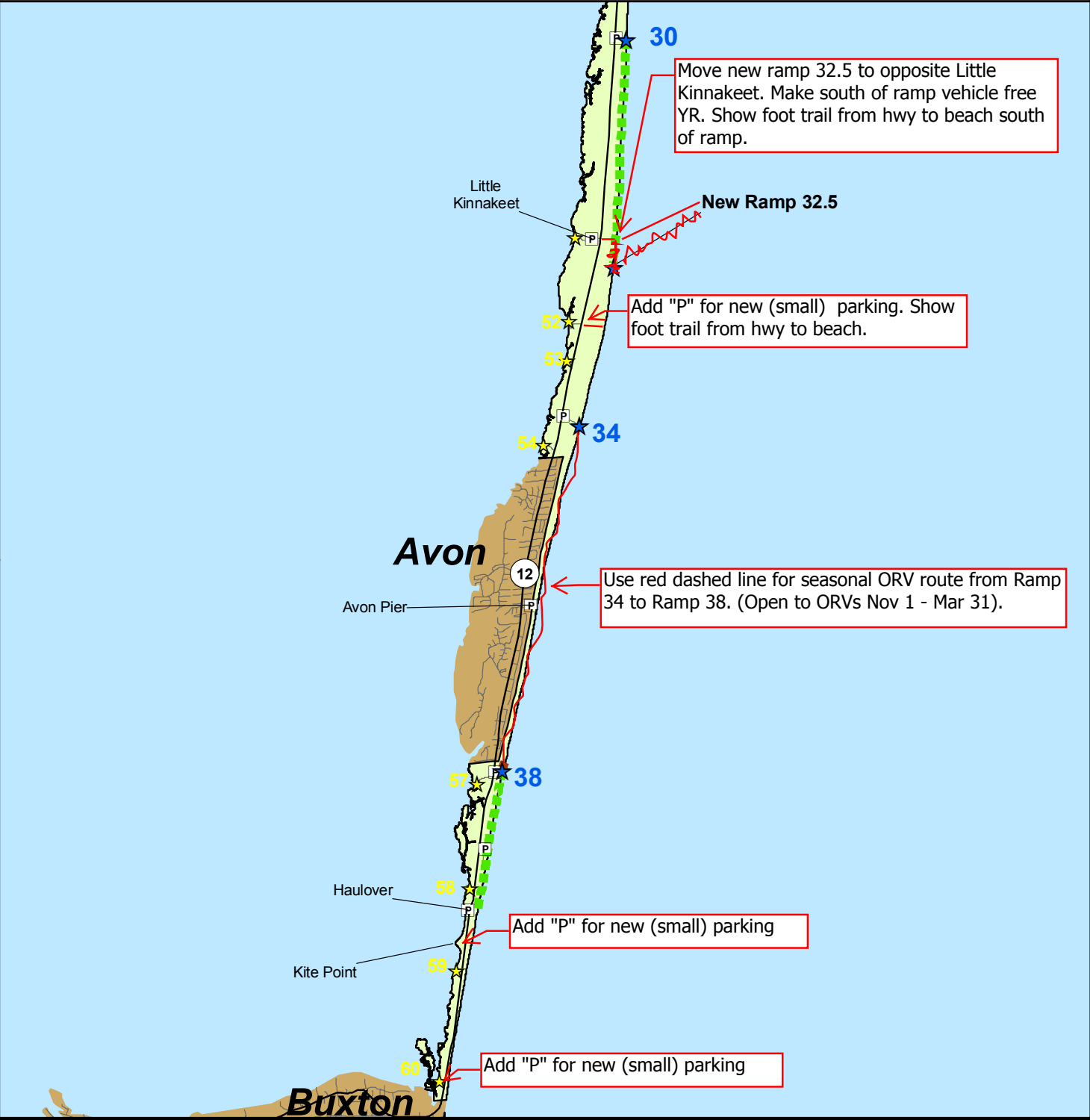
Legend

- CAHA Boundary
  - PINWR Boundary
  - Villages
  - Boat Ramps
  - Campgrounds
  - Parking Lots
  - Swim Beaches
- ORV Ramps**
- Oceanside Ramps
  - Soundside Ramps
  - US Hwy
  - State Hwy
  - Other
  - Ferry Route

- ORV Routes**
- Open to ORV all year
  - Seasonally open/closed
- \*Areas open to ORV are subject to temporary resource or safety closures.

Alternative F  
Map 2 of 7



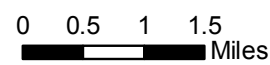


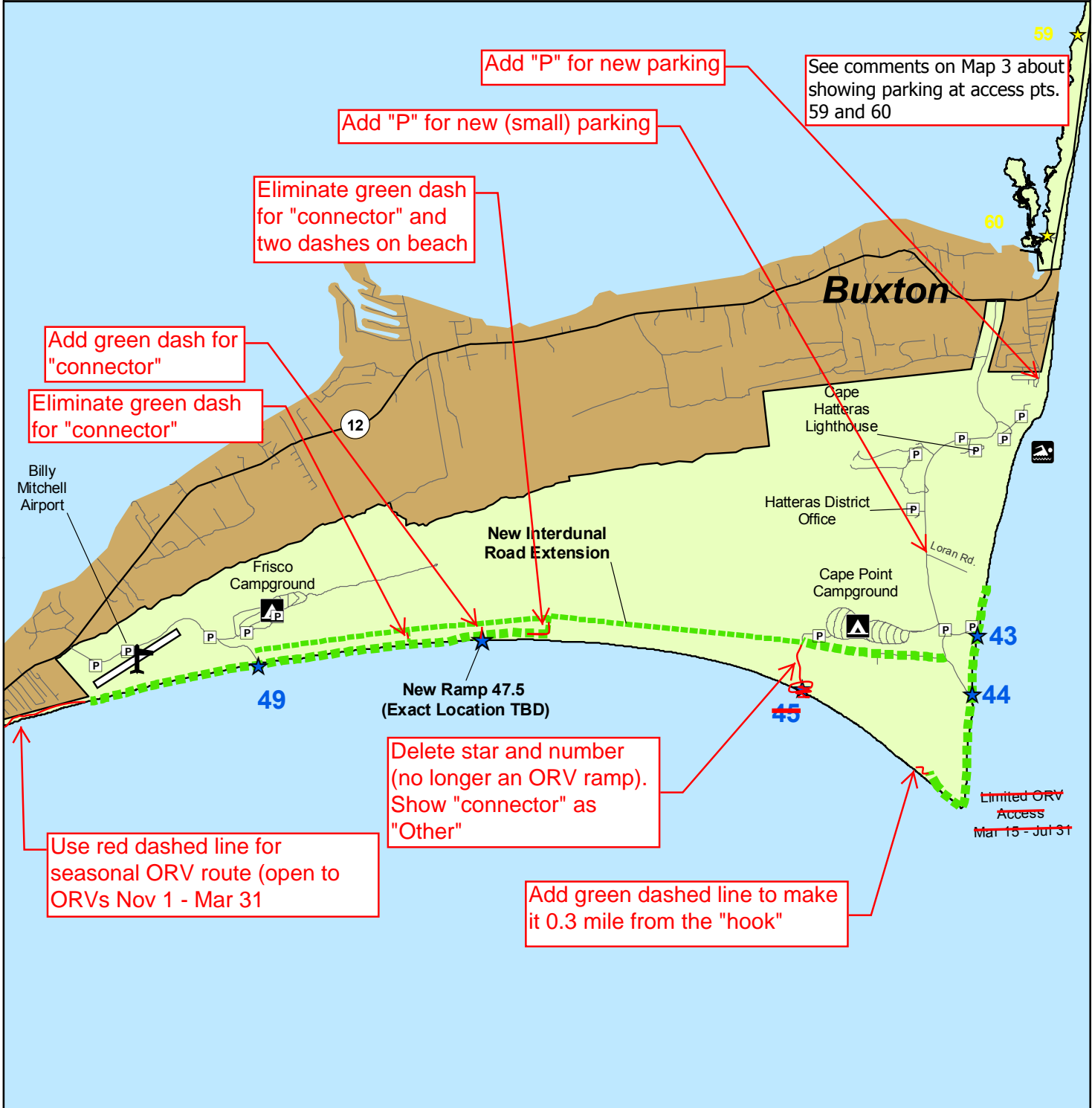
**Legend**

- CAHA Boundary
  - PINWR Boundary
  - Villages
  - Boat Ramps
  - Campgrounds
  - Parking Lots
  - Swim Beaches
- ORV Ramps**
- Oceanside Ramps
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  - State Hwy
  - Other
  - Ferry Route

- ORV Routes**
- Open to ORV all year
  - Seasonally open/closed
- \*Areas open to ORV are subject to temporary resource or safety closures.

**Alternative F**  
Map 3 of 7





**Legend**

<ul style="list-style-type: none"> <li>CAHA Boundary</li> <li>PINWR Boundary</li> <li>Villages</li> <li>Boat Ramps</li> <li>Campgrounds</li> <li>Parking Lots</li> <li>Swim Beaches</li> </ul>	<p><b>ORV Ramps</b></p> <ul style="list-style-type: none"> <li>Oceanside Ramps</li> <li>Soundside Ramps</li> <li>US Hwy</li> <li>State Hwy</li> <li>Other</li> <li>Ferry Route</li> </ul>	<p><b>ORV Routes</b></p> <ul style="list-style-type: none"> <li>Open to ORV all year</li> <li>Seasonally open/closed</li> <li>ORV Year Round w/restrictions</li> </ul> <p>*Areas open to ORV are subject to temporary resource or safety closures.</p>	<p><b>Alternative F</b></p> <p>Map 4 of 7</p> <p>0 0.5 1 1.5 Miles</p>	<p>Chowan</p> <p>Curtuck</p> <p>Tyrrell</p> <p>Dare</p> <p>Hyde</p> <p>Pamlico</p> <p>Carteret</p>
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