

**From:** [Fox, Lori](mailto:Lori.Fox@nps.gov)  
**To:** [Mike Murray@nps.gov](mailto:Mike.Murray@nps.gov); [Sandra Hamilton@nps.gov](mailto:Sandra.Hamilton@nps.gov); [Doug Wetmore@nps.gov](mailto:Doug.Wetmore@nps.gov)  
**Cc:** [Van Dyke, Nancy](mailto:Van.Dyke.Nancy@nps.gov)  
**Subject:** FW: Maps 5-7  
**Date:** 07/01/2010 12:45 PM  
**Attachments:** [CalcsRequested r 7.1.10.xlsx](#)

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Mike,

To answer your question from this morning see below...

Lori Fox  
Deputy Director, Denver Operations/Senior Planner

Direct 303-985-6602  
Main 303-985-6600  
Mobile 301-461-8772

Fax 303-984-4942

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-----Original Message-----

From: Schnabel, Joshua  
Sent: Thursday, July 01, 2010 12:38 PM  
To: Fox, Lori  
Cc: Van Dyke, Nancy  
Subject: RE: Maps 5-7

The answer to his first question is yes. The calculation was done following the map revisions I submitted yesterday.

However, some of the "non-motorized" shoreline segments he identifies in the files he attached to his message below were not included in the total. They are:

South Point Okracoke Inlet Shoreline: 0.63 miles Hatteras Inlet Shoreline: 0.73 miles Oregon Inlet Shoreline: 0.39 miles

Once these additional segments are included in the amount of vehicle free inlet shoreline that should be credited to the total vehicle free mileage, an additional 1.75 miles are added to the previous results.

I've included these in the revised calculations in the attached file.

All Seasonally Open: 15.1  
All Closed YR: 26.4  
All Open YR: 27.2  
Total: 68.9

\*\*Please note, however, that while these distances are precise calculations based on the information and data we received, they should still be treated as approximate estimates, just as they were in the previous DEIS.\*\*

Thanks, Josh

-----Original Message-----

From: Fox, Lori  
Sent: Thursday, July 01, 2010 8:19 AM  
To: Schnabel, Joshua  
Subject: FW: Maps 5-7

Do you know the answer to this one?

Lori Fox  
Deputy Director, Denver Operations/Senior Planner

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-----Original Message-----

From: Mike\_Murray@nps.gov [mailto:Mike\_Murray@nps.gov]  
Sent: Thursday, July 01, 2010 8:14 AM  
To: Fox, Lori  
Cc: doug\_wetmore@nps.gov; Van Dyke, Nancy; Paul\_Stevens@nps.gov; Byron, Rebecca;  
Sandra\_Hamilton@nps.gov; Thayer\_Broili@nps.gov  
Subject: RE: Maps 5-7

Thanks Lori! The new mileages are helpful. Would you know (or please confirm) if the mileage totals are consistent with the revised inlet shoreline maps dated 6/28/10. In other words, did the mileage "calculation line" maps get updated after the inlet maps (1, 5-7) were revised on 6/28/10, so that the new mileage calculations correspond with the revised inlet maps?

My interest is in being sure that the full amount of vehicle free inlet shoreline on the revised inlet maps is credited to the vehicle free mileage total. I've marked up the 6/28/10 revised inlet maps (attached) to show the areas of shoreline that I want to be sure are included in the total for vehicle free miles. Note: The other comments on these maps is consistent with what I had already submitted as comments on the revised (post June 10-11 discussion) "F maps".

(See attached file: F-1\_062810.mbm.pdf) (See attached file: F-5\_062810.mbm.pdf) (See attached file: F-6\_062810.mbm.pdf) (See attached file: F-7\_062810.mbm.pdf)

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

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"Fox, Lori"  
<lfox@louisberger.com>  
06/30/2010 06:49 PM  
To  
<Mike\_Murray@nps.gov>,  
<Sandra\_Hamilton@nps.gov>  
CC  
<doug\_wetmore@nps.gov>, "Van Dyke, Nancy" <nvandyke@louisberger.com>,  
"Byron, Rebecca" <rbyron@louisberger.com>,  
<Sandra\_Hamilton@nps.gov>,  
<Thayer\_Broili@nps.gov>,  
<Paul\_Stevens@nps.gov>  
Subject  
RE: Maps 5-7

Thanks Mike,

Based on these maps, mileage has been recalculated as follows:

All Seasonally Open	15.09833636
All Closed YR	24.73995734
All Open YR	27.26126536
Total	67.09955906

Total shoreline miles in Pea Island NWR from Oregon Inlet to the north boundary of Rodanthe: 12.1237

Please let us know if you have any questions.

Lori

Lori Fox  
Deputy Director, Denver Operations/Senior Planner Direct 303-985-6602 Main 303-985-6600  
Mobile 301-461-8772

Fax 303-984-4942

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-----Original Message-----

From: Mike\_Murray@nps.gov [mailto:Mike\_Murray@nps.gov]  
Sent: Monday, June 28, 2010 1:47 PM  
To: Sandra\_Hamilton@nps.gov  
Cc: doug\_wetmore@nps.gov; Fox, Lori; Van Dyke, Nancy; Byron, Rebecca; Sandra\_Hamilton@nps.gov; Thayer\_Broilli@nps.gov; Paul\_Stevens@nps.gov  
Subject: Maps 5-7

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. We included a close-up map for Hatteras Inlet to help illustrate the Map 5 edits. There are two items (parking at Barrow Pit Road and relocation of new ramp near Scrag Cedar Road) on Map 6 that we are waiting to confirm with Kenny (who is on leave today). Will send you an email to either: 1) Confirm Map 6 is okay as edited; or 2) Will send a revised edited version of Map 6 (based on Kenny's input).

(See attached file: F-5.mbm.pdf) (See attached file: F-Hatteras  
Inlet.mbm.pdf) (See attached file: F-6.mbm.pdf) (See attached file:  
F-7.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

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**From:** [Mike Murray](#)  
**To:** [Fox, Lori](#)  
**Cc:** [doug\\_wetmore@nps.gov](#); [Van Dyke, Nancy](#); [Paul\\_Stevens@nps.gov](#); [Byron, Rebecca](#); [Sandra\\_Hamilton@nps.gov](#); [Thayer\\_Broili@nps.gov](#)  
**Subject:** RE: Maps 5-7  
**Date:** 07/01/2010 08:15 AM  
**Attachments:** [F-1\\_062810.mbm.pdf](#)  
[F-5\\_062810.mbm.pdf](#)  
[F-7\\_062810.mbm.pdf](#)  
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▼ ["Fox, Lori" <lfox@louisberger.com>](#)

**"Fox, Lori"**  
**<lfox@louisberger.com>**

06/30/2010 06:49 PM

To <Mike\_Murray@nps.gov>,  
<Sandra\_Hamilton@nps.gov>  
cc <doug\_wetmore@nps.gov>, "Van Dyke, Nancy"  
<nvandyke@louisberger.com>, "Byron, Rebecca"  
<rbyron@louisberger.com>,  
<Sandra\_Hamilton@nps.gov>,  
<Thayer\_Broili@nps.gov>,  
<Paul\_Stevens@nps.gov>

Subject RE: Maps 5-7

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Thanks Mike,

Based on these maps, mileage has been recalculated as follows:

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All Closed YR	24.73995734
All Open YR	27.26126536
Total	67.09955906

Total shoreline miles in Pea Island NWR from Oregon Inlet to the north boundary of Rodanthe: 12.1237

Please let us know if you have any questions.

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(See attached file: F-5.mbm.pdf) (See attached file: F-Hatteras Inlet.mbm.pdf) (See attached file: F-6.mbm.pdf) (See attached file: F-7.mbm.pdf)

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Thanks,

Mike Murray  
Superintendent  
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Summary	All Seasonally Open	15.1
7.1.10	All Closed YR	26.5
	All Open YR	27.3
<hr/>		68.9

- Villages
- Rodanthe-Waves-Salvo
  - Avon
  - Buxton
  - Frisco
  - Hatteras

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Seasonally Open	4.969232
Seasonally Open	3.452353
Closed to ORV YR	0.636841
Seasonally Open	1.114049
Seasonally Open	2.13563
	12.30811