

0027856

From: [Mike Murray](#)
To: [Doug Wetmore](#)
Cc: [Fox, Lori](#); [Sandra_Hamilton@nps.gov](#)
Subject: Re: FW: revised Table 7 (i.e., Table 7-1)
Date: 09/01/2010 02:08 PM

Works for me

\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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▼ [Doug Wetmore/DENVER/NPS](#)

**Doug
Wetmore/DENVER/NPS**

09/01/2010 03:08 PM

To: Mike Murray/CAHA/NPS@NPS
cc: "Fox, Lori" <lfox@louisberger.com>, Sandra_Hamilton@nps.gov

Subject: Re: FW: revised Table 7 (i.e., Table 7-1) 

Lori/Mike.

I don't recall who calculated the initial mileage for the DEIS, but I can say that it wasn't formally done in GIS (i.e. having the software calculate the length of the line segment), unless someone else from Berger recalls using that method. It may have been done using the "measure distance" tool in ArcMap, which is a way to quickly come up with a rough estimate of linear distance based on the displayed maps/lines. I also remember using the weekly beach access reports to QC our mileage estimates and/or to provide a more accurate distance in areas that we felt the GIS data wasn't as dependable (around the points/spits/soundside areas).

If we can agree that the distance estimates are correct in table 7, (except the one area called out by the public), I would suggest we use the same mileages for the reaches that are the same in both tables, and then just measure the altered reaches using whatever method we think provides a good estimate.

Hope that makes some sense.


Doug Wetmore
Environmental Protection Specialist
National Park Service - Environmental Quality Division
P.O. Box 25287
Denver, CO 80225-0287
Office: (303) 987-6955
Cell: (303) 968-5214

▼ [Mike Murray/CAHA/NPS](#)

0027857

Mike Murray/CAHA/NPS

09/01/2010 12:44 PM

To "Fox, Lori" <lfox@louisberger.com>
cc Doug_Wetmore@nps.gov, Sandra_Hamilton@nps.gov
Subject Re: FW: revised Table 7 (i.e., Table 7-1) 

Lori,

Our weekly Beach Access report mileages are based on the "access line" GIS data that is used to prepare the Google Earth access line; however, I believe the Table 7 mileage summary in the DEIS was prepared by Louis Berger.

Maybe Doug knows. Was the mileage total in the DEIS based on the "route designation line" on the DEIS maps?

Mike Murray
Superintendent
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▼ ["Fox, Lori" <lfox@louisberger.com>](mailto:lfox@louisberger.com)

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

08/30/2010 05:07 PM

To <Mike_Murray@nps.gov>
cc <Sandra_Hamilton@nps.gov>, <Doug_Wetmore@nps.gov>
Subject FW: revised Table 7 (i.e., Table 7-1)

Hi Mike,

As requested below, we calculated the mileages on this table using GIS. In that process, I was talking to Doug and believe this may not be the way to go.

You noted that you used Google earth to do the mileages for the routes, was that the method also used for the Draft EIS? If so, I think we should keep our methodology consistent since we get different answers measuring on GIS. Also, if this is the same methodology as before, we will need to figure out how we have 0.9 more miles now than in the DEIS.

Thanks,
Lori

Lori Fox
Deputy Director, Denver Operations/Senior Planner

Direct 303-985-6602
Main 303-985-6600

0027858

Mobile 301-461-8772

Fax 303-984-4942

The Louis Berger Group, Inc. | 12596 West Bayaud Street | Suite 201 |
Lakewood, CO 80228-2031 | www.louisberger.com
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errors/concerns to us in writing.

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

From: Sandra_Hamilton@nps.gov [mailto:Sandra_Hamilton@nps.gov]
Sent: Friday, July 30, 2010 8:40 AM
To: Fox, Lori
Subject: Fw: revised Table 7 (i.e., Table 7-1)

----- Forwarded by Sandra Hamilton/DENVER/NPS on 07/30/2010 08:40 AM -----

Mike

Murray/CAHA/NPS

To 07/26/2010 02:41 Doug
Wetmore/DENVER/NPS@NPS PM
cc Sandra
Hamilton/DENVER/NPS@NPS, Thayer
Broili/CAHA/NPS@NPS
Subject revised Table 7 (i.e., Table 7-
1)

Doug,

See attached for draft Table 7-1. Need someone to check the beach segment
mileages closely. I used the ruler function on Google Earth, but my
totals seem to be less than what LB got when they added up the mileages
based on the revised maps. Maybe whoever did the revised maps and mileage
totals for LB could check (and fix) the mileages in Table 7-1.

The segment descriptions are generally consistent with the language in
the 7/20/10 Proposed Rule, with one exception: In the Proposed Rule
table for ORV routes (on p. 40 in the Track Changes version), in the
section on year-round routes for Hatteras Island, the following edit
should be made:

Beach from ramp 38 to 1.7 1.5 miles south of ramp 38, with one ORV access
ramp Beach (i.e., change "1.7" in the proposed rule to "1.5)

(See attached file: CAHA - Table 7-1.mbm.07-27-10.doc)

0027859

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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[attachment "CAHA - Table 7-1.mbm.07-27-10.doc" deleted by Mike Murray/CAHA/NPS]

Table 7-1. Off-Road Vehicle Routes and Areas, Alternative F

TABLE 7-1. OFF-ROAD VEHICLE ROUTES AND AREAS, ALTERNATIVE F

Oceanside Location	Mileage ^a	Alternative F: Preferred Alternative
Bodie Island (north to south) Ramp 1 to 0.5 miles south of Coquina Beach	1.7	X
0.5 mile south of Coquina to 0.2 mile south of ramp 4	2.1	ORV route YR New ramp with parking at 2.5.
0.2 mile south of ramp 4 to southeast corner of Bodie Island spit	1.1	ORV route—Sep 15 to Mar 14 X—Mar 15 to Sep 14 New parking area and trailhead near ramp 4, with pedestrian trail to the “flats” on the northeast side of the Bait Pond.
Southeast corner of Bodie Island spit along inlet shoreline to southwest edge of Bait Pond (near bridge)	0.6	X
Hatteras Island (north to south) Rodanthe boundary to 0.1 mile south of Rodanthe pier	1.6	X
0.1 mile south of Rodanthe Pier—Waves—Salvo to ramp 23	3.7	ORV route—Nov 1 to Mar 31 X—Apr 1 to Oct 31
Ramp 23 to 1.5 miles south of ramp 23	1.5	X New parking 1.0 mile south of ramp 23.
1.5 miles south of ramp 23 to ramp 27	2.2	ORV route YR. New ramp with parking at 25.5.
Ramp 27 to ramp 30	2.2	X New parking near soundside ramp 48.
Ramp 30 to (new) ramp 32.5	2.2	ORV route YR New ramp with parking at 32.5.
(New) ramp 32.5 to ramp 34	2.0	X New parking near soundside ramp 52.
Ramp 34 to ramp 38 (includes Avon Village Beach)	3.9	ORV route—Nov 1 to Mar 31 X—Apr 1 to Oct 31
Ramp 38 to 1.5 miles south of ramp 38 (i.e., Haulover)	1.5	ORV route YR
1.5 miles south of ramp 38 (i.e., Haulover) to 0.4 mile north of ramp 43 (includes Buxton)	4.1	X
0.4 mile north of ramp 43 to Cape Point to 0.3 miles west of the hook	2.0	ORV route YR
0.3 mile west of the hook (Cape Point) to 1.7 miles west of ramp 45	2.8	X
1.7 miles west of ramp 45 to the east Frisco boundary (includes ramp 49)	2.9	ORV route YR Interdunal road extended from ramp 45 to ramp 49, with new ramp 47.5.
Frisco Village Beach (east village boundary to west boundary)	1.1	ORV route—Nov 1 to Mar 31 X—Apr 1 to Oct 31
Sandy Bay / Frisco day use area (west Frisco boundary to east Hatteras Village boundary)	1.4	X
Hatteras Village Beach (east boundary to ramp 55)	2.2	ORV route—Nov 1 to Mar 31 X—Apr 1 to Oct 31
Ramp 55 along ocean beach to Bone Road	1.6	ORV route YR
Bone Road to Hatteras Inlet, along inlet shoreline to Spur Road	1.0	X
Pole Road from NC-12 to Spur Road	2.3	ORV route YR
Cable Crossing route (from Pole Road to sound)	0.2	ORV route YR ORV parking at or near sound shoreline as shoreline width allows.

Oceanside Location	Mileage ^a	Alternative F: Preferred Alternative
Spur Road route (from Pole Road to sound)	0.4	ORV route YR ORV parking at or near sound shoreline as shoreline width allows.
(New) interdunal road from eastern portion of Spur Road west toward inlet	0.2	ORV route—Sep 15 to Mar 14 X—Mar 15 to Sep 14
Ocracoke Island (north to south) Inlet to (new) ramp 59.5	1.2	X
(New) ramp 59.5 to (new) ramp 63	3.9	ORV route YR
(New) ramp 63 to 1.0 mile northeast of ramp 67	2.5	X
1.0 mile northeast of ramp 67 to 0.5 mile northeast of ramp 68	1.7	ORV route YR
0.5 mile northeast of ramp 68 to ramp 68 (Ocracoke Campground area)	0.5	ORV route—Nov 1 to Mar 31 X—Apr 1 to Oct 31
Ramp 68 to 0.4 miles northeast of ramp 70 (includes Ocracoke Day Use area)	2.2	X
0.4 mile northeast of ramp 70 to Ocracoke Inlet (includes ramp 72)	4.1	ORV route YR

NOTES: Details on soundside access provided in table 8.

All mileages are approximate.

Designated ORV routes and areas (ORV route = ORV use permitted; X = Vehicle free area (no ORV use permitted); YR = year-round).

ORV routes are subject to safety closures and temporary resource closures. Vehicle free areas are subject to temporary resource closures.

Designated ORV Route Mileage (Approximate)	Modified Alternative F
Designated as Vehicle Free YR (X)	26.5
Designated as ORV YR	27.3
Designated for seasonal ORV use	15.1
Total	68.9