

☒ North Carolina Wildlife Resources Commission ☒

512 N. Salisbury Street, Raleigh, North Carolina 27604-1188, 919-733-3391

Charles R. Fullwood, Executive Director

May 13, 1996

Dr. V. Charles Bruton
Planning and Environment Branch
1 Wilmington Street
Box 25201
Raleigh, NC 27611

Dear Dr. Bruton:

In December of 1991, the NC Department of Transportation (NCDOT) agreed to become a partner with the Wildlife Resources Commission and others, in the development of the North Carolina Watchable Wildlife Viewing Guide and Program (copy attached). This Program was initiated with the publication of the Viewing Guide listing 95 sites across North Carolina that presented opportunities for wildlife viewing. A major component of this Program was the installation of highway signing to direct travelers to the viewing sites. As a project sponsor, NCDOT agreed to provide and install the necessary signs to furnish proper directions to the sites.

The Viewing Guide has now been published (copies enclosed) and we have completed preparation of the maps necessary to guide NCDOT staff in the placement of the signs. Enclosed are copies of the maps for all sites and information regarding the sign logos and recommended sign specifications. We would appreciate your assistance in forwarding these materials within NCDOT to departmental staff responsible for installation of the signs.

If you have any questions, or if we may be of assistance to NCDOT-assigned personnel, please contact me at the number listed below. Thank you for your assistance.

Sincerely,

Randall C. Wilson
Nongame Section Manager
Division of Wildlife Management
(919) 528-3374

/rcw

Attachments
Enclosures

cc: Hal S. Atkinson, Jr.; Dr. Charles Manooch; Chuck Roe

Signing

Two types of signing — directional and interpretive — should be used at a site.

Directional Signing

Four basic types of directional signs exist, each of which includes the binoculars logo (see Fig. 1). The first sign is used on the interstate highway exit nearest the viewing area (see Fig. 2, Item A — note the "Tune Radio to 530 AM" is omitted where not appropriate). The second sign (Fig. 2, Item B) is posted at the major state highway intersection nearest the viewing site. The third sign is the binoculars logo accompanied by a directional arrow sign, and the fourth sign is the binoculars logo, directional arrow, and educational plaque reading "Wildlife Viewing Area" (see Fig. 3).

The binoculars logo is used for site identification if no other signing is posted and is also used as a trailblazer, leading the motorist from a highway intersection to the viewing area. In addition, the smaller logo signs (6" x 6" to 12" x 12") are for use along hiking trails, as appropriate. The Federal Highway Administration has adopted the binoculars logo as the international wildlife viewing symbol, and will be included in the *Manual of Uniform Traffic Devices*.

Funds for directional signing are usually provided by the site owner, manager, highway department, or appropriate legal subdivision.

Sign Specifications

Materials: No standards are established for panel materials due to the variability of agency specifications, as well as installation and maintenance cost. Where wood is used, 3/4" high-density plywood is recommended. Where aluminum is used, a minimum 0.08 thickness is recommended. Plastic composition materials may offer greater durability and decreased maintenance.

Screening: High-intensity grade reflective sheeting is recommended where traffic is highway speed and highest reflectance level is required. Engineering grade reflective sheeting is appropriate for sites where a lower level of reflectance is required.

Colors: All lettering, arrows, borders, and figures should be in white, while all sign backgrounds should use the standard brown (Federal Standard 595A Color Chip #20059).

Additional specifications for these signs are displayed in Figures 1, 2, and 3.







NORTH CAROLINA WILDLIFE VIEWING GUIDE







SIGN ORDER LIST







March 1993







Tabulation of Direction Signs Requested to Guide Public Access to Sites in the North Carolina Wildlife Viewing Program (For Sites Included in the NC Wildlife Viewing Guidebook).







Note: NCDOT requested to place Highway Right-of-Way signs, site owners to erect logo, arrows and plaques on site property, unless otherwise noted under comments.







SITE NAME (COUNTY)	SITE OWNER	A 	B 	C 	D 	E 	F 	COMMENTS DELIVERY INSTRUCTIONS
1. Bald Head Island (Brunswick)	NC Div. Coastal Mgmt. (NCDCM)		1	1		1		Deliver all to: Dr. John Taggart, Chief, NC Coastal Reserve Program
2. Battery Island (Brunswick)	AUDUBON	1	1	1	1		1	NCDOT install all signs
3. Ft. Fisher SRA (New Hanover)	NC Div. Parks & Recreation (NCDPR)		1		1			NCDOT install all signs
4. Carolina Beach (New Hanover)	NCDPR	1				1		NCDOT install all signs
5. Masonboro Island (New Hanover)	NCDCM		1	1				Deliver all to: Dr. John Taggart, Chief, NC Coastal Reserve Program
6. Hammocks Beach (Onslow)	NCDPR	2	1	1	1	1		NCDOT install all signs
7. T. Roosevelt Natural Area (Carteret)	NCDPR	1	3		2	1	2	NCDOT install all signs
8. Ft. Macon SP (Carteret)	NCDPR	1	1	1	1	2		NCDOT install all signs
9. Rachel Carson Est Rsch Reserve (Carteret)	NCDPR		1	1	1			Deliver all to : Dr. John Taggart, Chief, NC Coastal Reserve Program
10. Cape Lookout Nat'l Seashore (Carteret)	Nat. Park Service (NPS)	2	5	2	4	3		Contact: Michael Rikard Cape Lookhout Nat'l. Seashore, Harkers Island, NC (919) 728-2250 to deliver additional B, C, D, E signs
11. Ocracoke Island(Dare)	NPS	1	3	4	4	1		Deliver B,C,D to: Tomas Hartman, Cape Hatteras Seashore, NPS, Manteo, N.C.
12. Hatteras Island (Dare)	NPS		2	1	1	1	1	Deliver all to: Tom Hartman, Cape Hatteras Seashore, NPS, Rt. 1, Box 695, Manteo, NC
13. Buxton Woods (Dare)	NPS		1	1	1	1	1	Deliver all to: Tom Hartman, Cape Hatteras Seashore, NPS, Rt. 1, Box 695, Manteo, NC
14. Bodie Island (Dare)	NPS		1	1	1	1	2	Deliver all to: Tom Hartman, Cape Hatteras Seashore, NPS, Rt. 1, Box 695, Manteo, NC
PAGE TOTAL		9	22	15	18	13	7	

SITE NAME (COUNTY)	SITE OWNER	A WILDLIFE VIEWING AREA 	B 	C WILDLIFE VIEWING AREA 	D 	E 	F 	COMMENTS DELIVERY INSTRUCTIONS
15. Pea Island Nat'l Wildlife Refuge (Dare)	U.S. Fish & Wild. Serv. (FWS)	1	4	4			5	Deliver additional B,C,F signs to Pea Island Refuge HQ on US64, Manteo
16. Jockey's Ridge State Park (Dare)	NCDPR	2	2	1	1	2	1	Deliver sign C to Park Office
17. Nags Head Woods (Dare)	The Nature Conservancy (TNC)		1	2				Deliver all to: Jeff Smith, Director, Nags Head Woods Preserve, 701 W. Ocean Dr.; Kill Devil Hills, NC 27848 (919)441-2525
18. Currituck Banks (Currituck)	NCDCM		1	1	1			Deliver all to: Dr. John Taggart, Chief, NC Coastal Reserve Program
19. Mackay Island Nat'l Wildlife Refuge (Currituck)	FWS		4	2	1	1		Deliver all to: Elizabeth Souheaven, US Fish & Wildlife, Mackay Island Nat'l Wildlife Refuge on Knotts Island on NC615 (919)429-3100
20. Alligator River Nat'l Wildlife Refuge (Dare)	FWS	2	4	2	2	2		Deliver signs B,C,D,E to Refuge HQ on US64, Manteo
21. Dismal Swamp Nat'l Wildlife Refuge	FWS							No Signs Needed
22. Merchants Millpond State Park (Gates)	NCDPR		3	1			1	Deliver signs B(1),C(1),F(1) to: Jim Hallsey, NC Div of Parks & Rec, 12700 Bayleaf Church Rd; Raleigh (919)846-9991
23. Roanoke River Bottomlands (Martin/Bertie)	NC Wild. Res. Comm. (NCWRC)	2	4	2		4		Deliver B(2),C(2),E(2) to: Jerry Holloman, US Fish & Wildlife, P.O. Box 430; Windsor, NC 27893
24. Pettigrew State Park & Lake Phelps (Washington)	NCDPR		2	2	1	1		Deliver all to: Jim Hallsey, NC Div of State Parks, 12700 Bayleaf Church Rd; Raleigh (919)846-9991
25. Pocosin Lakes Nat'l Wild. Ref. (Washington/Tyrrell)	FWS	6	6	4	6	6		Deliver B(4),C(4),D(2),E(2) to: Jim Savery, US Fish & Wildlife Service, Rt. 1, Box 195; Creswell, NC 27928
26. Lk Mattamuskeet Nat'l Wild. Ref. (Hyde)	FWS	4	1		3	3	1	NCDOT install all signs.
27. Gull Rock Game Land (Hyde)	NCWRC		1	1	1			NCDOT install all signs.
28. Swanquarter Nat'l Wild. Ref. (Hyde)	FWS	2		1	1	1		NCDOT install all signs.
29. Goose Creek State Park (Beaufort)	NCDPR		2	1				Deliver sign C to Park Office
PAGE TOTAL		19	35	24	17	20	8	

SITE NAME (COUNTY)	SITE OWNER	A WILDLIFE VIEWING AREA 	B 	C WILDLIFE VIEWING AREA 	D 	E 	F 	COMMENTS DELIVERY INSTRUCTIONS
30. Goose Creek Game Land (Beauf./Pamlico)	NCWRC	2	2	2				Deliver signs B & C to: Tommy Hughes, NCWRC, New Bern, NC (919)638-3000
31. Cedar Island Nat'l Wild. Ref. (Carteret)	FWS	1	1			1	1	NCDOT install all signs.
32. Croatan Pocosin Wilderness Craven/Jones/Carteret)	U.S. Forest Service(USFS)	4	6	3	5	5	1	Deliver all C's to US Forest Service, Hwy 70E, New Bern, NC
33. Millis Road Savanna (Carteret)	USFS	2	1	2	2	1		Deliver all C's to US Forest Service, Hwy 70E, New Bern, NC
34. Patsy Pond (Carteret)	USFS	2	1	1	1	2	1	Deliver C & F to US Forest Service, Hwy 70E, New Bern, NC
35. Cedar Point/White Oak River (Carteret)	USFS	2		1	1	1		Deliver C to US Forest Service, Hwy 70E, New Bern, NC
36. Cliffs of the Neuse State Park (Wayne)	NCDPR		2		1	1		NCDOT install all signs.
37. Holly Shelter Game Land (Pender)	NCDPR	2	1		2	1		NCDOT install all signs.
38. Black River (Pender)	TNC and private							No signs required.
39. Lake Waccamaw (Columbus)	NCDPR		4	2	1	1	2	Deliver signs B(2),C,F to: Lake Waccamaw State Park Office
40. Lumber River (Robeson)	NCDPR		7	7	4	3		Deliver all to: Jim Hallsey, NC Div of Parks & Rec, 12700 Bayleaf Church Rd; Raleigh, NC (919)846-9991
41. Balden Lakes Ed. St. Forest (Bladen)	NCDPR		7				5	Deliver B(4),F(4) to Forest Office at main entrance
42. Jones Lake State Park (Bladen)	NCDPR	2	3	1	1	2	1	Deliver B(1),C,F to Park Office
43. Fort Bragg (Cumberland)	Dept. of Army	4	6	2	3	3		Deliver all to: Mike Hunnicutt, Ft. Bragg Wildlife Branch
44. Sandhills Gamelands (Scotland/Moore)	NCWRC	2			1	1		NCDOT install all signs.
45. Weymouth Woods (Moore)	NCDPR	2	2	1	3	1		Deliver C to Weymouth Woods Office
46. Raven Rock State Park (Harnett)	NCDPR		3	1	1	1		Deliver signs B(1),C to Raven Rock Park Office
PAGE TOTAL		25	46	23	26	24	11	

SITE NAME (COUNTY)	SITE OWNER	A WILDLIFE VIEWING AREA 	B 	C WILDLIFE VIEWING AREA 	D 	E 	F 	COMMENTS DELIVERY INSTRUCTIONS
47. Harris Lake (Wake)	Carolina Power & Light (CP&L)	2	4	1	1	4		Deliver signs B(1),C to: Richard Yates, CP&L-Harris Energy & Envir Ctr, SR1127, P.O. Box 327, New Hill, NC
48. Hemlocks Bluff (Wake)	Town of Cary	2	4	2		4	2	Deliver C's to Cary Parks Hemlock Bluffs Visitor Center
49. Umstead State Park (Wake)	NCDPR	2	2	2	3	3		Deliver B,C,D(2),E(2) to Park office
50. Durant Park (Wake)	City of Raleigh	2	1	1	1	1		Deliver C to Raleigh Durant Park office
51. Medoc Mtn State Park (Halifax)	NCDPR		6	1	3	3		Deliver C to Park office
52. Falls Lake (Wake)	NCPPR	4	4	2	2			Deliver C's to: Jim Hallsey, NC Div of State Parks, 12700 Bayleaf Church Rd.; Raleigh (919)846-9991
53. Eno River State Park (Orange/Durham)	NCDPR		6	1				Deliver C to Park office. All B signs installed by NCDOT on existing Park signposts.
54. Duke Forest (Durham/Orange)	Duke University		6					Deliver to: Judson Edeburn, Duke Forest Mgr, Duke Univ-School of the Envir, Office of the Duke Forest, Durham (919) 684-2802
55. Mason Farm Reserve (Orange)	UNC		3	3	1	1	1	Deliver all to: NC Botanical Gardens, Administration Office, UNC (919)962-0522
56. Jordan Lake (Chatham/Durham)	NCWRC		6		2	2		NCDOT install all signs.
57. Caswell Gameland (Caswell)	NCWRC	2	2		2	2		NCDOT install all signs.
58. Uwharrie Nat'l Forest Sites (Montgomery)	USFS	1	1	2	1		1	NCDOT install all signs.
59. Morrow Mtn. State Park (Stanly)	NCDPR		1	1			1	Deliver C to Park Office
60. PeeDee Nat'l Wildlife Refuge (Anson)	FWS	2	4	1	1	1		Deliver B& C signs to PeeDee Nat'l Wildlife Refuge Office
61. Crowders Mtn. State Park (Gaston)	NCDPR		4	1	3	3		Deliver C to State Park Office
62. Cowans Ford Waterfowl Ref./ Latta Plant. Park (Mecklenburg)	Mecklenburg County	3	3	3	1	4		Deliver C's to Latta Plantation County Park Office
63. Duke Power State Park (Iredell)	NCDPR		2	1	1	1		Deliver C to State Park Office
PAGE TOTAL		20	58	22	22	29	5	

SITE NAME (COUNTY)	SITE OWNER	A WILDLIFE VIEWING AREA 	B 	C WILDLIFE VIEWING AREA 	D 	E 	F 	COMMENTS DELIVERY INSTRUCTIONS
64. South Mtn State Park (Burke)	NCDPR		2	1	1	1		Deliver C to State Park Office
65. Piedmont Environmental Ctr (Guilford)	Town of High Point	2	2	1	2	1	1	Deliver B(1), C, F to: Piedmont Environmental Center Office, 1228 Penny Rd; High Point, NC Attn: Dick Thomas
66. Hanging Rock State Park (Stokes)	NCDPR		3	1	1			Deliver C to Park Office
67. Pilot Mtn State Park (Surry)	NCDPR		4	1		2		NCDOT install all signs.
68. New River State Park (Ashe/Alleghany)	NCDPR	2	2	2	2	2		Deliver C's to Park Office
69. Mt. Jefferson State Park (Ashe)	NCDPR	2	1	1	1	1		NCDOT Install all signs.
70. Stone Mtn State Park (Wilkes/Alleghany)	NCDPR		3	2	1	2		Deliver C's to Park Office
71. Blue Ridge Pkwy	NPS							No signs required.
72. Blue Ridge Pkwy	NPS							No signs required.
73. Blue Ridge Pkwy	NPS							No signs required.
74. Grandfather Mtn (Avery/Caldwell)	Private	2	3	1	1		2	Deliver signs B(1), C to: Harris Prevost, Grandfather Mtn. (704) 733-2013
75. Roan Mtn (Mitchell)	USFS	1	1	1	1			NCDOT install all signs.
76. French Broad River	USFS	1	4		1			Deliver all to: Rod McClanahan, USFS, Asheville, (704) 257-4814
77. Linville Gorge	USFS		4	4	1	1	2	Deliver all to: Rod McClanahan, USFS, Asheville, (704) 257-4814
78. Mt. Mitchell St Park (Yancey)	NCDPR		2		1		1	NCDOT install all signs.
79. Craggy Mtns. & Gardens	USFS		3					Deliver all to: Rod McClanahan, USFS, Asheville, (704) 257-4814
80. Hickory Nut Gorge & Chimney Rock Park	TNC & Private		1	1				Deliver to: Peter O'Leary, Chimney Rock Park, US Hwy 64-74, Chimney Rock, NC
81. Green River Gameland (Polk)	NCWRC		3		2	1		NCDOT install all signs.
82. Mt. Pisgah (Buncombe)	USFS		2	2	1	1		Deliver all to: Rod McClanahan, USFS, Asheville, (704) 257-4814
83. Pink Beds (Transylvania)	USFS	2	1	1	1	1		NCDOT install all signs.
84. Blue Ridge Pkwy	NPS							No signs required.
PAGE TOTAL		12	41	19	17	13	6	

SITE NAME (COUNTY)	SITE OWNER	A WILDLIFE VIEWING AREA 	B 	C WILDLIFE VIEWING AREA 	D 	E 	F 	COMMENTS DELIVERY INSTRUCTIONS
85. Whitewater Falls (Jackson)	USFS	2	1	1	1	1	1	Deliver signs B,C,F to: Rod McClanahan, USFS, Asheville, (704) 257-4814
86. Whiteside Mtn (Jackson/Macon)	USFS	2	2	1	2	1	1	Deliver signs B,C,D(1),F to: Rod McClanahan, USFS, Asheville, (704) 257-4814
87. Chattooga Gorge (Macon)	USFS	2	2	2		2	2	Deliver signs B,C,F to: Rod McClanahan, USFS, Asheville, (704) 257-4814
88. Standing Indian (Macon/Clay)	USFS		2	2		2		Deliver all to: Rod McClanahan, USFS Asheville, (704) 257-4814
89. Joyce Kilmer Forest (Graham)	USFS	2	4	2	4	2		Deliver all C's to: Rod McClanahan, USFS, Asheville, (704) 257-4814
90. Great Smokey Mtns Nat'l Park (Swain/Haywood)	NPS							No signs required.
PAGE TOTAL		8	11	8	7	8	4	

GRAND TOTAL	93	213	111	107	107	41	
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NC WILDLIFE VIEWING GUIDE SIGN DELIVERY DIRECTORY

<p>Dr. John Tappert, Chief NC Coastal Reserve Program 7205 Wrightsville Ave. Wilmington, NC 28403 (910) 256-3721</p>	<p>Mike Hunnicutt Wildlife Branch Ft. Bragg, NC (919) 396-7506</p>
<p>Michael Rikard Cape Lookout Nat'l. Seashore 131 Chares Street Harkers Island, NC 28531 (919) 728-2250</p>	<p>Richard Yates Carolina Power & Light Co. Shearon Harris Energy & Envir. Ctr. SR1127, P.O. Box 327 New Hill, NC (919) 546-7777</p>
<p>Jeff Smith, Director Nags Head Woods Preserve 701 W. Ocean Dr. Kill Devil Hills, NC 27848 (919) 441-2525</p>	<p>Judson Edeburn, Duke Forest Manager Duke Univ-School of the Envir. Office of the Duke Forest Durham, NC (919) 684-2802</p>
<p>Elizabeth Souheaven US Fish & Wildlife Service Mackay Island Nat'l Wildlife Refuge Knotts Island on NC 615 (919) 429-3100</p>	<p>NC Botanical Gardens Administration Office UNC Chapel Hill, NC (919) 962-0522</p>
<p>Jim Hallsey NC Div. of Parks & Rec. 12700 Bayleaf Church Rd. Raleigh, NC (919) 846-9991</p>	<p>Dick Thomas Piedmont Environmental Center Office 1228 Penny Rd High Point, NC</p>
<p>Jim Savery Pocosin Lakes Nat'l. Wild. Refuge US Fish & Wildlife Service Rt. 1, Box 195-B Creswell, NC 27928 (919) 797-4431</p>	<p>Harris Prevost Grandfather Mtn Linville, NC (704) 733-2013</p>
<p>Tommy Hughes NC Wildlife Resources Comm. New Bern, NC 28560 (919) 514-4737</p>	<p>Rod McClanahan US Forest Service P.O. Box 2750 Asheville, NC 28802 (704) 257-4814</p>
<p>US Forest Service Hwy 70E New Bern, NC 28560</p>	<p>Peter O'Leary Chimney Rock Park US Hwy 64-74 Chimney Rock, NC</p>
<p>Alligator River Nat'l. Wild. Refuge P.O. Box 1969 U.S. Hwy. 64 Manteo, NC 27954 (919) 473-1131</p>	<p>Jerry Holloman Roanoke River Nat'l. Wild. Refuge P.O. Box 430 Windsor, NC (919) 794-5326</p>
<p>Thomas Hartman Cape Hatteras Nat'l. Seashore Rt. 1 Box 695 Manteo, NC (919) 995-5044</p>	