

John H. Chafee Coastal Barrier Resources System Unit FL-39, Tavernier Key, Florida

Type of Unit: System unit

Location of Unit: South of Key Largo in the Florida Keys, in Monroe County

Congressional District: 18

Establishment of Unit: Coastal Barrier Improvement Act (P.L. 101-591) enacted on 11/16/1990

Historical Changes to Unit:

11/15/1993: A change was made to Unit FL-39 in accordance with Section 4(e) of P.L. 101-591, which allowed minor and technical boundary modifications to the John H. Chafee Coastal Barrier Resources System (CBRS) maps as necessary to correct clerical and typographical errors in the maps and to add otherwise protected areas to the CBRS at the request of State and local governments and qualified organizations with jurisdiction over the area. This administrative change modified the eastern boundary of the southern segment of Unit FL-39, moving it slightly east to include additional associated aquatic habitat in the unit.

Existing Boundary Description: Unit FL-39 consists of two segments

separated by U.S. Highway 1.

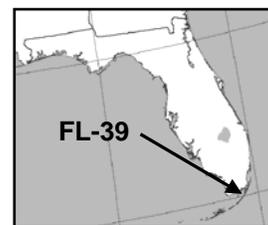
Southern segment: The eastern boundary includes Tavernier Key, and cuts across land at the wetland/fastland break. The northern boundary generally follows the southern edge of U.S. Highway 1. The western boundary roughly follows the western edge of Tavernier Creek.

Northern segment: The eastern boundary roughly follows the break-in-development, extends out into Community Harbor, and continues northward around the key to the Intracoastal Waterway. The northern boundary follows the southern edge of the Intracoastal Waterway. The western boundary roughly follows several small canals, the break-in-development, and the western side of Tavernier Creek. The southern boundary follows the northern edge of U.S. Highway 1.

Proposed Changes to Boundary:

Southern segment: The northern boundary is adjusted to follow more precisely the southern edge of U.S. Highway 1. The western boundary is adjusted to follow more precisely the western edge of Tavernier Creek.

Northern segment: The eastern boundary is adjusted to follow more precisely the 1990 break-in-



development and to include emergent mangrove extending out into Community Harbor. The western boundary is adjusted to follow more precisely the canals, the 1990 break-in-development, and the western shoreline of Tavernier Creek. The southern boundary is adjusted to follow more precisely the northern edge of U.S. Highway 1.

Acreeage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,196.6	57.9	1,138.7	1.4	
Added to the CBRS	101.5	1.7	99.8		0
Removed from the CBRS	6.8	1.4	5.4		0
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	1,291.3	58.2	1,233.1	1.4	
Net Change	94.7	0.3	94.4	0.0	0

¹ Land above mean high tide

² Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters

³ Structure count derived from 1999 and 2004 aerial photography, and 2005 Monroe County property parcel information

John H. Chafee Coastal Barrier Resources System Unit FL-40, Snake Creek, Florida

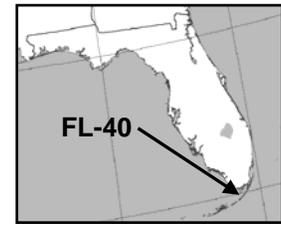
Type of Unit: System unit
Location of Unit: South of Key Largo in the Florida Keys, in Monroe County

Congressional District: 18
Establishment of Unit: Coastal Barrier Improvement Act, or CBIA, (P.L. 101-591) enacted on 11/16/1990

Historical Changes to Unit:
 11/15/1993: Changes were made to the boundaries of the adjacent Unit FL-39 in accordance with Section 4(e) of P.L. 101-591. No changes were made to the boundaries of Unit FL-40 at that time.

Existing Boundary Description: The eastern boundary of Unit FL-40 cuts through undeveloped wetlands near the break-in-development. The landward boundary roughly parallels U.S. Highway 1, dipping south in the middle of the boundary to roughly follow a wetlands delineation. The western boundary follows the center

of the Snake Creek channel.
Proposed Changes to Boundary: The eastern boundary of Unit FL-40 is aligned with digital property parcel data to follow more precisely the 1990 break-in-development and add undeveloped associated aquatic habitat. The landward boundary is adjusted to follow more precisely the southern edge of U.S. Highway 1 and to add an area of undeveloped fastland to Unit FL-40. There is a proposed addition of undeveloped coastal barrier on the north side of US Highway 1 that would add a second segment to Unit FL-40. The proposed boundaries of this area include associated aquatic habitat and exclude existing development by following digital property parcel data. The northern boundary follows the southern edge of the Intracoastal Waterway. This area was proposed for addition to the John H. Chafee Coastal Barrier Resources System in Volume 14 of the Department of the Interior's 1988 Report to Congress: Coastal



Barrier Resources System, Recommendations for Additions to or Deletions from the Coastal Barrier Resources System, but was not adopted by Congress with the enactment of the CBIA. This area is proposed for addition to Unit FL-40 at this time because it still meets the Coastal Barrier Resources Act definition and criteria for an undeveloped coastal barrier.

Acreage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	105.0	21.2	83.8	1.0	
Added to the CBRS	1,955.0	29.5	1,925.5		0
Removed from the CBRS	0.0	0.0	0.0		0
Reclassified Area	0.0	0.0	0.0	0.0	
Proposed Unit	2,060.0	50.7	2,009.3	1.1	
Net Change	1,955.0	29.5	1,925.5	0.1	0

¹ Land above mean high tide

² Includes adjacent wetlands, marshes, estuaries, inlets, and nearshore waters

³ Structure count derived from 1999 and 2004 aerial photography, and 2005 Monroe County property parcel information