

- Bureau of Land Management, General Land Office  
 1855 Land Grant to William B. Hooker from the U.S. General Land Office, Certificate No. 808, May 1.
- Burger, B.W.  
 1982 Cultural Resource Management in Manatee County, Florida: The Prehistoric Resources Base. M.A. Thesis, Department of Anthropology, University of South Florida, Tampa.
- Burnworth, Ralph W.  
 n.d. Catalog of Rye Bridge Mound Artifacts. Manuscript on file, South Florida Museum, Bradenton.
- Carlson, Charlie  
 2003 Captain Daniel Darwin Hawkins by Charles E. Hawkins. Transcribed and edited from original version. [www.darrensplace.com/hawkins\\_full.htm](http://www.darrensplace.com/hawkins_full.htm). Accessed on February 25, 2004.
- Carmack, Sharon DeBartolo  
 2001 *Your Guide to Cemetery Research*. Betterway Books, Cincinnati.
- Childs, Thomas, Battalion Brigadier General  
 1850 Letter to E.J. Steptoe, Lieutenant Colonel, 3<sup>rd</sup> Artillery, Fort Hamer, November 19. Letters Sent, Registers of Letters Received, and Letters Received by Headquarters, Troops in Florida, and Headquarters, Department of Florida 1850-1858. National Archives, Washington D.C., Record Group 393, Microfilm M1084, Roll 1. Microfilm on File, Department of State, State Library of Florida, Florida Room, Tallahassee.
- Clausen, Carl J., A.D. Cohen, Cesare Emiliani, J.A. Holman, and J. J. Stipp  
 1979 Little Salt Spring, Florida: A Unique Underwater Site. *Science* 203:609-614.
- Cole, David  
 n.d. Parrish's Heritage, Our Story. Reprinted with permission from the Parrish Village News. [www.northriverchurchofchrist.org](http://www.northriverchurchofchrist.org). Accessed March 4, 2004.
- Covington, James W.  
 1958 "Exploring the Ten Thousand Islands: 1838." *Tequesta* 18:7-13.  
 1961a The Armed Occupation Act of 1842. *Florida Historical Quarterly* 40:41-53.  
 1961b The Indian Scare of 1849. *Tequesta* 21:53-63.  
 1982 *The Billy Bowlegs War 1855-1858: The Final Stand of The Seminoles Against the Whites*. The Mickler House Publishers, St. Petersburg.  
 1993 *The Seminoles of Florida*. University Press of Florida, Gainesville.
- Cozzi, Coz  
 2010 Personal Communication to Lee Hutchinson, April 23.
- Daniel, Randy and Michael Wisenbaker  
 1987 *Harney Flats: A Florida Paleo-Indian Site*. Baywood Publishing Company, Inc., Farmington.

Duval, Marcellus, Indian Subagent

- 1850a Letter to Orlando Brown, Commander of Indian Affairs, February 18. Letters Received by the Office of Indian Affairs, 1824-1881. National Archives, Washington D.C., Record Group 75, Microfilm Number 234, Roll 290, Florida Superintendency Emigration 1839-1853. Microfilm on File, Department of State, State Library of Florida, Florida Room, Tallahassee.
- 1850b Letter to Orlando Brown, Commander of Indian Affairs, March 11. Letters Received by the Office of Indian Affairs, 1824-1881. National Archives, Washington D.C., Record Group 75, Microfilm Number 234, Roll 290, Florida Superintendency Emigration 1839-1853. Microfilm on File, Department of State, State Library of Florida, Florida Room, Tallahassee.

Dye, Dewey A. Jr.

- 1967 Military Construction and Operations in Manatee County – 1839 to 1955. Address to the Manatee County Historical Society, January 26. Transcript on file, Manatee County Central Library, Bradenton.

Estabrook, Richard

- 1994 A Cultural Resources Assessment Survey for Portions of the Phase I 42-Inch Transmission Main Project B407 Corridor, Manatee County, Florida. Manuscript on file, Florida Division of Historical Resources, Tallahassee.

Everett, T.S., Lieutenant

- 1850 Letter to William H. French, Battalion Major, Commanding Officer at Fort Casey, November 23. Letters Sent, Registers of Letters Received, and Letters Received by Headquarters, Troops in Florida, and Headquarters, Department of Florida 1850-1858. National Archives, Washington D.C., Record Group 393, Microfilm M1084, Roll 1. Microfilm on File, Department of State, State Library of Florida, Florida Room, Tallahassee.

Federal Writers' Project - Work Projects Administration

- 1939 *Florida: A Guide to the Southernmost State*. Oxford University Press, New York.

Florida Department of Transportation (FDOT)

- 1999 *Project Development and Environmental Manual Part 2, Chapter 12 "Archaeological and Historical Resources."* Florida Department of Transportation, Tallahassee.

Florida Division of Historical Resources (FDHR)

- 2003 Cultural Resource Management Standards and Operational Manual. Florida Division of Historical Resource, Tallahassee.

Florida Master Site File (FMSF)

- 1998 Archaeological Site Form for Fort Hamer 8MA315. Form on File, State of Florida, Department of Environmental Protection, Florida Division of Historical Resources, Tallahassee.
- n.d. Information for various sites obtained from FMSF forms located at the Florida Division of Historical Resources, Tallahassee.

Follett, F.M. (Lieutenant, 4<sup>th</sup> Artillery)

- 1851 *Map of the County in Vicinity of Manatee, Florida. In Memoir of Reconnaissances with Maps During the Florida Campaign, April 1854-February 1858, Volume II, page 185, Frame 293. On File, Department of State, State Library of Florida, Florida Room, Tallahassee, Microfilm M1090, Roll 1.*

Garret, Joe

- 1985 Letter to J.L. Harrison. On file, Manatee County Central Library, Bradenton, Vertical File: Fort Hamer.

Gaske, Frederick

- 2004 Cultural Resource Assessment Survey Waters Edge Development, Manatee County, Florida. September 9.
- 2005 Upper Manatee PD&E Study, Manatee County, Florida, Concurrence Letter. July 19.
- 2006 US 301 (SR 43)/Fort Hamer Road Intersection Safety Improvement Project Development and Environmental (PD&E) Study, Manatee County, Florida, Concurrence Letter. August 22.
- 2008 US 301 (SR 43) from Erie Road to CR 675, Manatee County, Florida, Concurrence Letter. June 17.

Goodyear, Albert C. and Lyman O. Warren

- 1972 Further Observations on the Submarine Oyster Shell Deposits of Tampa Bay. *The Florida Anthropologist* 25:52-66.

Goodyear, Albert C., Sam B. Upchurch, Mark J. Brooks, and Nancy N. Goodyear

- 1983 Paleo-Indian Manifestations in the Tampa Bay Region, Florida. *The Florida Anthropologist* 36:40-66.

Graham, Dee

- 1990 Fort Hamer was First Development in Parrish Area. *North River News*, November 15.

Grismer, Karl

- 1946 *The Story of Sarasota*. Florida Grower Press, Tampa.

Guthrie, Sarah M.W.

- 1974 *Land of Promise, Land of Change: An Examination of the Population of Hillsborough County, Florida*. M.A. Thesis, Emory University, Atlanta.

Hauford, Charles, Quartermaster Agent

- 1871 Letter to Major A. R. Eddig, Chief Quartermaster, October 23. Letters Received, Register of Letters Received and Letters Sent by Headquarters, Department of Florida. National Archives, Washington D.C., Record Group 393, Microfilm 3, 5, and 7. Microfilm on File, Department of State, State Library of Florida, Florida Room, Tallahassee.

Harrison, J.L.

- 1972 Little Known Manatee County Sites. Meeting Address of the Manatee County Historical Society, May 17. Transcript on file, Manatee County Central Library, Bradenton.

## Ives, Lieutenant J.C.

- 1856 Military Map of the Peninsula of Florida South of Tampa Bay. Department of War, U.S. Army, April. On File, ACI, Sarasota.

## Janus Research

- 1998a Cultural Resource Assessment Wading Bird Golf and Country Club, Manatee County, Florida. Manuscript on file, Janus Research, Tampa.
- 1998b Phase II Archaeological Investigation of the Fort Hamer Site (8MA315) in Manatee County, Florida. Manuscript on file, Janus Research, Tampa.
- 1999 Cultural Resource Assessment Survey for the River Wilderness Golf and Country Club Mainland Project Area in Manatee County, Florida. Manuscript on file, Janus Research, Tampa.
- 2003a Cultural Resource Assessment Survey for the Manatee River Plantation Project Site, Manatee County, Florida. Manuscript on file, Janus Research, Tampa.
- 2003b Cultural Resource Assessment Survey of the Moore's Dairy Addition to the Heritage Harbor DRI/ADA in Manatee County, Florida. Janus Research, Tampa.
- 2003c Cultural Resource Assessment Survey of the Underhill Property, Manatee County, Florida. Manuscript on file, Janus Research, Tampa.
- 2004 Cultural Resource Assessment Survey of the Gamble Creek Estates Project, Manatee County, Florida. Manuscript on file, Janus Research, Tampa.

## Johnson and Gaines

- 1849 Letter to Marcellus DuVal, Indian Subagent, July. Letters Received by the Office of Indian Affairs 1824-1881. National Archives, Washington D.C., Record Group 75, Microfilm No. 234, Roll 801, Seminole Agency 1824-1876: 1846-1855.

## Jones, Olive and Catherine Sullivan

- 1989 The Parks Canada Glass Glossary, revised edition. National Historic Parks and Sites, Canadian Park Service, Ottawa.

## Kammerer, Laura

- 2011 Personal Communication to Marion Almy and Lee Hutchinson, ACI, May 11.

## Knetsch, Joe

- 1990 John Westcott and the Coming of the Third Seminole War: Perspectives from Within. Address of the Florida Historical Society, May 12. ACI, Sarasota.
- 1995 Colonel Sam Reid: The Founding of the Manatee Colony and Surveying the Manatee County, 1841-1847. *The Sunland Tribune*, Volume 21:29-34.
- 2003 *Florida's Seminole Wars 1817-1858*. Arcadia, Charleston.
- 2004 Personal Communication from Joe Knetsch, Ph.D., Department of Environmental Protection, to Sarah P. Ward, Archaeological Consultants, Inc.
- n.d. The Hardships and Inconveniences: The Manatee River Forts during the Seminole Wars. Manatee County Central Library, Bradenton.

## Lantz, Raymond C.

- 1994 *Seminole Indians of Florida 1850-1874*. Heritage Books, Inc., Bowie.

Leffingwell, Jack B.

- 1988 When Steamers Plied the Manatee River. *The Bradenton Press*, October 5. On file, Manatee County Central Library, Bradenton. Vertical File: Boats and Boating.

Lesley, Theodore

- 1967 The Seminole Wars in Manatee County. Meeting Address of the Manatee County Historical Society, March 23. Transcript on File, Manatee County Central Library, Eaton Florida History Room, Bradenton.

Luer, George M. and Marion M. Almy

- 1981 Temple Mounds of the Tampa Bay Area. *The Florida Anthropologist* 34:127-155.  
1982 A Definition of the Manasota Culture. *The Florida Anthropologist* 35:34-58.

Mahon, John K.

- 1967 *History of the Second Seminole War*. University Press of Florida, Gainesville.

Manatee County Clerk of Circuit Court

- 1857 Deed from William B. and Mary A. Hooker to Benjamin J. Hagler and William J. Hooker, December 28. On file, Manatee County Historical Records Library, Bradenton.

Manasota Genealogical Society

- 1982 *Tombstone Inscriptions in Cemeteries of Manatee County, Florida 1850-1980*. Manasota Genealogical Society.

Manatee County General Highway Map

- 1989 State Topographic Office, Tallahassee.

Manatee Valley Land and Development Company

- 1913 "Manatee River Park." Des Moines.

Matthews, Janet Snyder

- 1983 *Edge of Wilderness: A Settlement History of Manatee River and Sarasota Bay 1528-1885*. Caprine Press, Tulsa.  
2001 SHPO Concurrence Letter, CRAS Upper Manatee River Road PD&E Study S.R. 64 to U.S. 301, Manatee County, Florida. DHR#2001-09120b.

McDuffee, Lillie B.

- 1961 *The Lures of Manatee: A True Story of South Florida's Glamorous Past*. Second Edition. A.K. Whitaker and the Manatee County Historical Society, Bradenton.

McMurria, Mary

- 1967 The Mystery of Fort Hamer. *Bradenton Herald Sunday Magazine*, January 29. Article on File, Manatee County Central Library, Bradenton. Vertical File: Fort Hamer.

Milanich, Jerald T.

- 1994 *Archaeology of Precolumbian Florida*. University Press of Florida, Gainesville.

- Milanich, Jerald T. and Charles Fairbanks  
1980 *Florida Archaeology*. Academic Press, New York.
- Milliman, John D., and K.G. Emery  
1968 Sea Levels During the Past 35,000 Years. *Science* 162:1121-1123.
- Missall, John and Mary Lou Missall  
2004 *The Seminole Wars, America's Longest Indian Conflict*. University Press of Florida, Gainesville.
- Mitchem, Jeffrey M.  
1989 Redefining Safety Harbor: Late Prehistoric/Precolumbian Archaeology in West Peninsular Florida. Ph.D. dissertation, University of Florida, Gainesville.
- Parks, John T. and Kathryn A. Younkin  
2008 Manatee County Historical Structures Survey, Phase I Project, Manatee County Florida. Manuscript on file, Florida Division of Historical Resources, Tallahassee.
- Peas Creek and Manatee River to Charlotte Harbor  
1856 *A Map Entitled Peas Creek and Manatee River to Charlotte Harbor. In Memoir of Reconnaissance with Maps During the Florida Campaign, April 1854-February 1858, Volume II, page 86, Frame 151. Microfilm copy on file, USF Library, Tampa.*
- Peninsular Telephone Company  
1947 *Bradenton and Palmetto, Florida Telephone Directory*. January. Manatee County Central Library, Bradenton.
- Percy, George W.  
1991 Letter to Mr. J.R. Skinner, Federal Highway Administration, January 11.  
1998 Cultural Resource Assessment Review Request regarding *Phase II Archaeological Investigations of the Fort Hamer Site (8MA315) in Manatee County, Florida*, May 1. Letter on File, FDHR, Tallahassee.
- Pettingill, Jr., George W.  
1952 *The Story of Florida Railroads, 1834-1903*. Boston.
- Piper Archaeology/Janus Research  
1992 An Archaeological Resource Inventory and Archaeological Site Predictive Model for Manatee County, Florida. Manuscript on file, Janus Research, Tampa.
- Polk, R.L.  
1954 *Polk's Bradenton and Palmetto City Directory*. R.L. Polk & Company, Richmond.
- Polak, Michael  
2002 *Antique Trader Bottles Identification and Price Guide*, fourth edition. Krause Publications, Iola.

Porter, Kenneth W.

1996 *The Black Seminoles*. University Press of Florida, Gainesville.

Ross, Captain R.H., Captain Joseph Roberts, and Captain Lieutenant Colonel E.J. Steptoe

1849-1850 Post Returns and Abandoned Post Materials, Fort Hamer. December 1849-April 1850, June 1850, and October 1850. National Archives, Washington D.C., Record Group 49. Microfilm on file, Department of State, State Library of Florida, Florida Room, Tallahassee.

Scupholm, Carrie

1997 "The Tamiami Trail: Connecting the East and West Coasts of the Sunshine State." *Society for Commercial Archeology Journal*. Fall.

Ste. Claire, Dana, Robert J. Austin, Janice R. Ballo, and Jacquelyn G. Piper

1985 Cultural Resource Assessment Survey of the Proposed Saddlebrook Village Development Site, Pasco County, Florida. Manuscript on file, Janus Research, Tampa.

Seminole Tribe of Florida

2004 History: No Surrender! Seminole Tribe of Florida, Hollywood. Available online at [www.seminoletribe.com](http://www.seminoletribe.com), accessed 15 December 2004.

Sheppard, William L., Margot Moore, Phillip A. Werndli, Mary McCahon, and Marion Almy

n.d. A Historical, Architectural, and Archaeological Survey of the City of Bradenton, Florida. Prepared for the City of Bradenton.

Shofner, Jerrell H.

1995 *History of Brevard County, Volume 1*. Brevard County Historical Commission, Stuart.

Stanton, Curtis Harrey

1972 Early River Boats Along the Manatee. *Bradenton Herald Press*, Magazine, July 9.

State of Florida, Department of Natural Resources, Division of State Lands, Land Records and Title Section

1843 *Field Notes*. Volumes 76 and 77.

1846a *Field Notes*. Volume 82.

1846b *Plat*. Township 34 South, Range 19 East.

1846c *Plat*. Township 35 South, Range 19 East.

n.d. *Tract Book*. Volume 16.

Steele, Willard

2004 Personal Communication from Willard Steele, Tribal Historic Preservation Officer for the Seminole Tribe of Florida, to Sarah P. Ward, Archaeological Consultants, Inc., June 28.

Stewart, Louise

1964 "Little Remains of Rye, Once a Riverboat Town." *Bradenton Herald*, December 27.

## Tebeau, Charlton W.

- 1966 *Florida's Last Frontier: The History of Collier County*. University of Miami Press, Coral Gables.
- 1971 *A History of Florida*. University of Miami Press, Coral Gables.

## Twiggs, General D.C.

- 1850 Letter to George W. Crawford, Secretary of War, April 15. Letters Received by the Office of Indian Affairs 1824-1881. National Archives, Washington D.C., Record Group 75, Microfilm No. 234, Roll 807, Seminole Agency Emigration 1827-1859: 1848-1859.

## United States Army Corps of Engineers (USACE)

- 1996 Manatee River, Florida: Condition of Improvement, 30 September 1996. [www.saj.usace.army.mil/digitalproject/dpn/sajn\\_030.htm](http://www.saj.usace.army.mil/digitalproject/dpn/sajn_030.htm).

## U.S. Census Bureau

- 2010 Manatee County Quick Facts:  
<http://quickfacts.census.gov/qfd/states/12/12081.html>.

## United States Congress

- 1848 *Report of the Commissioner of the General Land Office, U.S. Senate Executive Document No. 49*. 30<sup>th</sup> Congress, 1<sup>st</sup> Session, Washington D.C., April 28. On File, Ah-Tah-Ti-Ki Museum Archives, Clewiston.
- 1850 *Message from the President of the United States, U.S. Senate Executive Document: No. 49*. 31<sup>st</sup> Congress, 1<sup>st</sup> Session, Washington D.C., printed on May 23. On File, State of Florida, Division of Historical Resources, Florida State Library, Florida Room, Tallahassee.

## United States Department of Agriculture

- 1958 *Soil Survey of Manatee County*. U.S. Government Printing Office, Washington, D.C.
- 1983 *Soil Survey of Manatee County*. U.S. Government Printing Office, Washington, D.C.

## United States Geological Survey (USGS)

- 1972 Rye, Fla., Photorevised 1979.
- 1973a Lorraine, Fla. Photorevised 1987.
- 1973b Parrish, Fla. Photorevised 1987.

## United States War Department

- 1844 *Indians Remaining in Florida, &c., Document: No. 253*. U.S. House of Representatives, 1<sup>st</sup> Session, Washington D.C., May 9. On File, State of Florida, Division of Historical Resources, Florida State Library, Florida Room, Tallahassee.

## URS Corporation

- 2010 Electronic Mail Communication from URS to ACI, August.
- 2011 Electronic Mail Communication from URS to ACI, May.



- Vernon, R.O. and H.S. Puri  
1964 Geologic Map of Florida. U.S. Geological Survey Map Series Number 18. Florida Board of Conservation, Division of Geology, Tallahassee.
- Warner, Joe  
1980 *Biscuits and Taters*. Great Outdoors Publishing, St. Petersburg.
- Warner, Joe and Libby Warner  
1986 *The Singing River*. Bradenton.  
1988 Interview With Louise Lundy Simmons. Transcript on file, Manatee County Central Library, Bradenton.
- Wharton, Barry R.  
1984 Archaeological Resources of the Upper Hillsborough Flood Detention Area, Pasco and Polk Counties, Florida. Southwest Florida Water Management District, Brooksville.
- Willey, Gordon R.  
1949 Archaeology of the Florida Gulf Coast. *Smithsonian Institution Miscellaneous Collections*, Volume 113, Washington, D.C.
- WilsonMiller  
2004 Waters Edge Project Aerial with Cemetery and Legal Description. Aerial on file, Archaeological Consultants, Inc., Sarasota.
- Youngblood, Page  
n.d. Interview by Joe and Libby Warner; Transcript by Libby Warner. Manatee County Historical Society. Manatee County Central Library, Bradenton.

**APPENDIX A: Fort Hamer ROAD APE**  
**This Appendix contains an updated FMSF form**

Original  
 Update



# ARCHAEOLOGICAL SITE FORM

## FLORIDA MASTER SITE FILE

Version 4.0 1/07

Site #8 MA315  
Field Date 4 / 22 / 10  
Form Date 5 / 24 / 10  
Recorder # \_\_\_\_\_

Consult *Guide to Archaeological Site Form* for detailed instructions.

Site Name(s) Fort Hamer Multiple Listing (DHR only) \_\_\_\_\_  
Project Name CRAS Design of Bridge Over Manatee River at Fort Hamer Road Survey # (DHR only) \_\_\_\_\_  
Ownership:  private-profit  private-nonprofit  private-individual  private-nonspecific  city  county  state  federal  Native American  foreign  unknown

### LOCATION & MAPPING

USGS 7.5 Map Name & Date Parrish 1973 Plat or Other Map \_\_\_\_\_  
City/Town (within 3 miles) Bradenton In City Limits?  yes  no  unknown County Manatee  
Township 34S Range 19E Section 17 ¼ section:  NW  SW  SE  NE  Irregular-name: \_\_\_\_\_  
Landgrant \_\_\_\_\_ Tax Parcel # \_\_\_\_\_  
UTM Coordinates: Zone  16  17 Easting 358900 Northing 3044380  
Other Coordinates: X: \_\_\_\_\_ Y: \_\_\_\_\_ Coordinate System & Datum \_\_\_\_\_  
Address / Vicinity / Route to .25 mile NE of Upper Manatee River Road, on south bank of Manatee River, .50 mile south of Fort Hamer Road  
Name of Public Tract (e.g., park) \_\_\_\_\_

### TYPE OF SITE (check all that apply)

SETTING *	STRUCTURES OR FEATURES *	FUNCTION *
<input checked="" type="checkbox"/> Land (terrestrial)	<input type="checkbox"/> aboriginal boat	<input type="checkbox"/> campsite
<input type="checkbox"/> Lake/Pond (lacustrine)	<input type="checkbox"/> agr/c/farm building	<input type="checkbox"/> extractive site
<input type="checkbox"/> River/Stream/Creek (riverine)	<input type="checkbox"/> burial mound	<input type="checkbox"/> habitation (prehistoric)
<input type="checkbox"/> Tidal (estuarine)	<input type="checkbox"/> building remains	<input type="checkbox"/> homestead (historic)
<input type="checkbox"/> Saltwater (marine)	<input type="checkbox"/> cemetery/grave	<input type="checkbox"/> farmstead
<input type="checkbox"/> Wetland (palustrine)	<input type="checkbox"/> dump/refuse	<input type="checkbox"/> village (prehistoric)
<input type="checkbox"/> usually flooded	<input type="checkbox"/> earthworks	<input type="checkbox"/> town (historic)
<input type="checkbox"/> usually dry	<input type="checkbox"/> fort	<input type="checkbox"/> quarry
<input type="checkbox"/> Cave/Sink (subterranean)	<input type="checkbox"/> midden	
<input type="checkbox"/> terrestrial	<input type="checkbox"/> mill	
<input type="checkbox"/> aquatic	<input type="checkbox"/> mission	
	<input type="checkbox"/> mound, nonspecific	
	<input type="checkbox"/> plantation	
	<input type="checkbox"/> platform mound	
	<input type="checkbox"/> road segment	
	<input type="checkbox"/> shell midden	
	<input type="checkbox"/> shell mound	
	<input type="checkbox"/> shipwreck	
	<input type="checkbox"/> subsurface features	
	<input type="checkbox"/> surface scatter	
	<input type="checkbox"/> well	

Other settings, structures, features or functions \_\_\_\_\_

### CULTURE PERIODS (check all that apply)

ABORIGINAL *	NON-ABORIGINAL *
<input type="checkbox"/> Alachua	<input type="checkbox"/> First Spanish 1513-99
<input type="checkbox"/> Archaic (nonspecific)	<input type="checkbox"/> First Spanish 1600-99
<input type="checkbox"/> Archaic, Early	<input type="checkbox"/> First Spanish 1700-1763
<input type="checkbox"/> Archaic, Middle	<input type="checkbox"/> First Spanish (nonspecific)
<input type="checkbox"/> Archaic, Late	<input type="checkbox"/> British 1763-1783
<input type="checkbox"/> Belle Glade	<input type="checkbox"/> Second Spanish 1783-1821
<input type="checkbox"/> Cades Pond	<input type="checkbox"/> American Territorial 1821-45
<input type="checkbox"/> Caloosahatchee	<input type="checkbox"/> American Civil War 1861-65
<input type="checkbox"/> Deptford	<input checked="" type="checkbox"/> American 19th Century
<input type="checkbox"/> Englewood	<input type="checkbox"/> American 20th Century
<input type="checkbox"/> Fort Walton	<input type="checkbox"/> American (nonspecific)
<input type="checkbox"/> Glades (nonspecific)	<input type="checkbox"/> African-American
<input type="checkbox"/> Glades I	
<input type="checkbox"/> Glades II	
<input type="checkbox"/> Glades III	
<input type="checkbox"/> Hickory Pond	
<input type="checkbox"/> Leon-Jefferson	
<input type="checkbox"/> Malabar I	
<input type="checkbox"/> Malabar II	
<input type="checkbox"/> Manasota	
<input type="checkbox"/> Mississippi	
<input type="checkbox"/> Mount Taylor	
<input type="checkbox"/> Norwood	
<input type="checkbox"/> Orange	
<input type="checkbox"/> Paleoindian	
<input type="checkbox"/> Pensacola	
<input type="checkbox"/> Perico Island	
<input type="checkbox"/> Safety Harbor	
<input type="checkbox"/> St. Augustine	
<input type="checkbox"/> St. Johns (nonspecific)	
<input type="checkbox"/> St. Johns I	
<input type="checkbox"/> St. Johns II	
<input type="checkbox"/> Santa Rosa	
<input type="checkbox"/> Santa Rosa-Swift Creek	
<input type="checkbox"/> Seminole (nonspecific)	
<input type="checkbox"/> Seminole: Colonization	
<input type="checkbox"/> Seminole: 1st War To 2nd	
<input type="checkbox"/> Seminole: 2nd War To 3rd	
<input type="checkbox"/> Seminole: 3rd War & After	
<input type="checkbox"/> Swift Creek (nonspecific)	
<input type="checkbox"/> Swift Creek, Early	
<input type="checkbox"/> Swift Creek, Late	
<input type="checkbox"/> Transitional	
<input type="checkbox"/> Weeden Island (nonspecific)	
<input type="checkbox"/> Weeden Island I	
<input type="checkbox"/> Weeden Island II	
<input type="checkbox"/> Prehistoric (nonspecific)	
<input type="checkbox"/> Prehistoric non-ceramic	
<input type="checkbox"/> Prehistoric ceramic	

Other (List less common phases or specific sub-phases. For historic sites, give specific dates if known.) \_\_\_\_\_

\* Consult *Guide to Archaeological Site Form* for preferred descriptions not listed above (data are coded fields).

### OPINION OF RESOURCE SIGNIFICANCE

Potentially eligible individually for National Register of Historic Places?  yes  no  insufficient information  
Potentially eligible as contributor to a National Register district?  yes  no  insufficient information  
Explanation of Evaluation (required if evaluated; use separate sheet if needed) No additional evidence of site found within the project APE

Recommendations for Owner or SHPO Action No further work for that portion of the site which falls within the project APE

DHR USE ONLY	OFFICIAL EVALUATION	DHR USE ONLY
NR List Date ____/____/____ <input type="checkbox"/> Owner Objection	SHPO – Appears to meet criteria for NR listing: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> insufficient info KEEPER – Determined eligible: <input type="checkbox"/> yes <input type="checkbox"/> no NR Criteria for Evaluation: <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (see <i>National Register Bulletin 15</i> , p. 2)	Date ____/____/____ Date ____/____/____ Init. _____

FIELD METHODS (check all that apply)

SITE DETECTION\*

- no field check, literature search, informant report, remote sensing, exposed ground, posthole digger, auger--size, unscreened shovel, screened shovel

SITE BOUNDARIES\*

- bounds unknown, literature search, informant report, remote sensing, insp exposed ground, auger--size, unscreened shovel, screened shovel, block excavations, estimate or guess

Other methods; number, size, depth, pattern of units; screen size (attach site plan) 18 shovel tests (2 within known site boundaries; 16 within general area); 50 x 50 x 100 cm; 25 m offset intervals (i.e., 12.5 m); 1/4" mesh

SITE DESCRIPTION

Extent Size (m^2) unk Depth/stratigraphy of cultural deposit unk

Temporal Interpretation - Components (check one): [x] single component [ ] multiple component [ ] uncertain Describe each occupation in plan (refer to attached large scale map) and stratigraphically. Discuss temporal and functional interpretations:

Integrity - Overall disturbance\*: [ ] none seen [ ] minor [x] substantial [ ] major [ ] redeposited [ ] destroyed-document! [ ] unknown Disturbances / threats / protective measures development/proposed bridge/none

Surface collection: area collected m^2 # collection units Excavation: # noncontiguous blocks

ARTIFACTS

Total Artifacts # 0 (C)ount or (E)stimate? Surface # 0 (C) or (E) Subsurface # 0 (C) or (E)

COLLECTION SELECTIVITY\*

- unknown, unselective (all artifacts), selective (some artifacts), mixed selectivity

SPATIAL CONTROL\*

- uncollected, unknown, Other no artifacts found, general (not by subarea), controlled (by subarea), variable spatial control

ARTIFACT CATEGORIES\* and DISPOSITIONS\*

- Pick exactly one code from Disposition List: bone-animal, bone-human, bone-unspecified, bone-worked, brick/building debris, ceramic-aboriginal, ceramic-nonaboriginal, daub, exotic-nonlocal, glass, lithics-aboriginal, metal-nonprecious, metal-precious/coin, shell-unworked, shell-worked, Others:

(example: A bone-human)

Disposition List\*

- A - category always collected, S - some items in category collected, O - observed first hand, but not collected, R - collected and subsequently left at site, I - informant reported category present, U - unknown

Artifact Comments

DIAGNOSTICS (type or mode, and frequency: e.g., Suwanee ppk, heat-treated chert, Deptford Check-stamped, ironstone/whiteware)

- 1. N= 4. N= 7. N= 2. N= 5. N= 8. N= 3. N= 6. N= 9. N=

ENVIRONMENT

Nearest fresh water type\* & name (incl. relict source) Manatee River Distance (m)/bearing adj./E

Natural community (FNAI category\* or leave blank)

Local vegetation live oaks, cabbage palms

Topography\* hill-slope Min Elevation 1.5 meters Max Elevation 3 meters

Present land use Residential

SCS soil series EauGallie fine sand/Cassia fine sand Soil association Wabasso-Bradenton-EauGallie

DOCUMENTATION

Accessible Documentation Not Filed with the Site File - including field & analysis notes, photos, plans, other important documents that are permanently accessible: For each separately maintained collection, describe (1) document type(s),\* (2) maintaining organization,\* (3) file or accession nos., and (4) descriptive information. photos, maps, field notes on file and curated at ACI, Sarasota: P10021

Manuscripts or Publications on the site (use separate sheet if needed, give FMSF# if relevant) #5208, #5270; #6743; ACI 2005 (Upper Manatee River Road PD&E)

RECORDER & INFORMANT INFORMATION

Informant Information (name / address / phone / affiliation) NA

Recorder Information (name / address / phone / affiliation) Lee Hutchinson/8110 Blaikie Court, Suite A, Sarasota, FL 34240/941-379-6206/ACI

Required Attachments

1 PHOTOCOPY OF 7.5' USGS QUAD MAP WITH SITE BOUNDARIES MARKED and SITE PLAN Plan at 1:3,600 or larger. Show boundaries, scale, north arrow, test/collection units, landmarks and date.



# ARCHAEOLOGICAL SITE FORM

USGS MAP

Site #8 MA315

Parrish, Florida



ARCHAEOLOGICAL CONSULTANTS INCORPORATED

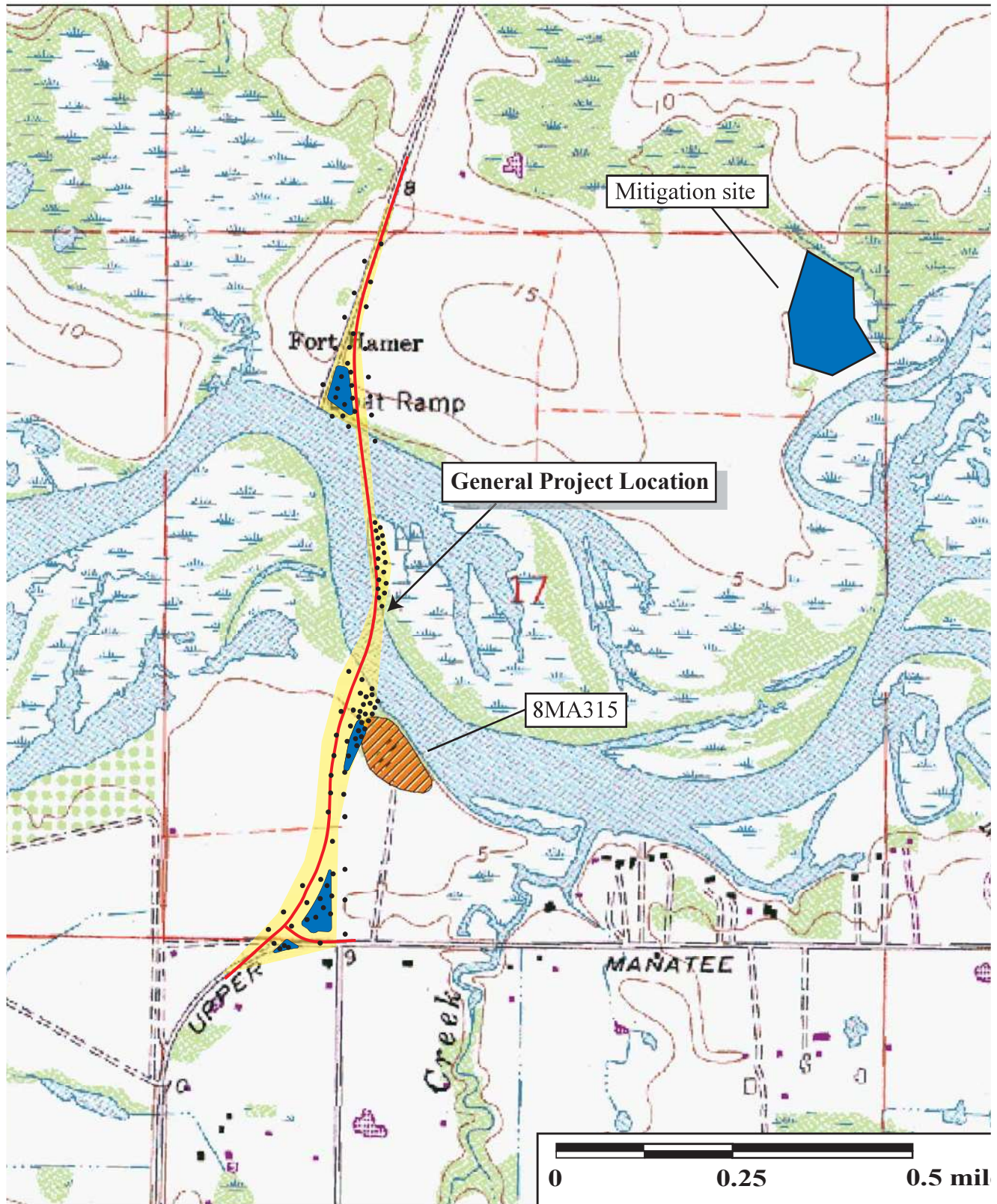


ARCHAEOLOGICAL SITE FORM

USGS MAP

Site #8 MA315

Parrish, Florida



**APPENDIX B: Rye Road APE FMSF Forms**  
**(Note all these resources have been submitted to the SHPO as part of previous CRAS reports)**

# ARCHAEOLOGICAL SITE FORM FLORIDA MASTER SITE FILE

Site #8 MA715

Recorder Site #

Field Date 9/25/06

Form Date 9/29/06

Original

Update

(give site #)

Version 2.2 3/97

Consult Guide to Archaeological Site Forms for detailed instructions.

Site Name(s) Rye Bridge Mound Multiple Listing [DHR only]

Project Name CRAS Upper Manatee River Road PD&E FMSF Survey #

Ownership:  private-profit  private-nonprofit  private-individ.  private-unspecifd.  city  county  state  federal  foreign  Native Amer.  unknown

USGS 7.5 Map Name & Date Rye Fla. 1972, PI 1979 County Manatee

Township 34S Range 19E Section 13  Check if Irregular Section; Qtr. Section (check all that apply):  NE  NW  SE  SW

Landgrant \_\_\_\_\_ Tax Parcel # (s) \_\_\_\_\_

City/Town (if within 3 mi.) \_\_\_\_\_ In Current City Limits:  y  n  unknown

UTM: Zone  16  17 Easting 364942 Northing 3044131

Address/ Vicinity of/ Route to From I-75 take SR 64 east to Rye Road, turn northeast, site may have been on north bank of river west side of Rye Road.

Name of Public Tract (e.g., park) Rye Wilderness Park

### TYPE OF SITE (Check all choices that apply; if needed write others in at bottom)

#### SETTING \*

- Land- terrestrial
- Cave/Sink- subterranean
  - terrestrial
  - aquatic
  - intermittently flooded
- Wetland- palustrine
  - usually flooded
  - sometimes flooded
  - usually dry
- Lake/Pond- lacustrine
- River/Stream/Creek- riverine
- Tidal- estuarine
- Saltwater- marine
  - marine unspecified
  - "high energy" marine
  - "low energy" marine
- Other \_\_\_\_\_

#### STRUCTURES - OR - FEATURES \*

- aboriginal boat
- agric/farm building
- burial mound
- building remains
- cemetery/grave
- dump/refuse
- earthworks
- fort
- midden
- mill unspecified
- mission
- mound unspec.
- plantation
- platform mound
- road segment
- shell midden
- shell mound
- shipwreck
- subsurface features
- surface scatter
- well

#### FUNCTION \*

- none specified
- campsite
- extractive site
- habitation (prehistoric)
- homestead (historic)
- farmstead
- village (prehistoric)
- town (historic)
- quarry

### HISTORIC CONTEXTS (Check all that apply; use most specific subphases: e.g., if *Glades Ia* only, don't also use *Glades I*)

- |  |   |   |  |   |   |
|--|---|---|--|---|---|
| <b>Aboriginal*</b>                           | <input type="checkbox"/> Englewood  | <input type="checkbox"/> Glades unsp.             | <input type="checkbox"/> St. Augustine           | <input type="checkbox"/> Seminole: 2d War to 3d             | <b>Nonaboriginal*</b>                                       |
| <input type="checkbox"/> Alachua             | <input type="checkbox"/> Fort Walton  | <input type="checkbox"/> Hickory Pond             | <input type="checkbox"/> St. Johns Ia            | <input type="checkbox"/> Seminole: 3d War On                | <input checked="" type="checkbox"/> First Spanish 1513-99   |
| <input type="checkbox"/> Archaic, Early      | <input type="checkbox"/> Glades Ia  | <input type="checkbox"/> Leon-Jefferson           | <input type="checkbox"/> St. Johns Ib            | <input type="checkbox"/> Seminole unspecified               | <input checked="" type="checkbox"/> First Spanish 1600-99   |
| <input type="checkbox"/> Archaic, Middle     | <input type="checkbox"/> Glades Ib  | <input type="checkbox"/> Malabar I                | <input type="checkbox"/> St. Johns I unsp.       | <input type="checkbox"/> Swift Creek, Early                 | <input checked="" type="checkbox"/> First Spanish 1700-1763 |
| <input type="checkbox"/> Archaic, Late       | <input type="checkbox"/> Glades I unsp.   | <input type="checkbox"/> Malabar II               | <input type="checkbox"/> St. Johns IIa           | <input type="checkbox"/> Swift Creek, Late                  | <input type="checkbox"/> First Spanish unspecified          |
| <input type="checkbox"/> Archaic unspecified | <input type="checkbox"/> Glades IIa   | <input type="checkbox"/> Manasota                 | <input type="checkbox"/> St. Johns IIb           | <input type="checkbox"/> Swift Creek, unsp.                 | <input type="checkbox"/> British 1763-1783                  |
| <input type="checkbox"/> Belle Glade I       | <input type="checkbox"/> Glades IIb   | <input type="checkbox"/> Mount Taylor             | <input type="checkbox"/> St. Johns IIc           | <input type="checkbox"/> Transitional                       | <input type="checkbox"/> Second Spanish 1783-1821           |
| <input type="checkbox"/> Belle Glade II      | <input type="checkbox"/> Glades IIc   | <input type="checkbox"/> Norwood                  | <input type="checkbox"/> St. Johns II unsp.      | <input type="checkbox"/> Weeden Island I                    | <input type="checkbox"/> American Territorial 1821-45       |
| <input type="checkbox"/> Belle Glade III     | <input type="checkbox"/> Glades II unsp.  | <input type="checkbox"/> Orange                   | <input type="checkbox"/> St. Johns unsp.         | <input type="checkbox"/> Weeden Island II                   | <input type="checkbox"/> American Civil War 1861-65         |
| <input type="checkbox"/> Belle Glade IV      | <input type="checkbox"/> Glades IIIa  | <input type="checkbox"/> Paleoindian              | <input type="checkbox"/> Santa Rosa              | <input type="checkbox"/> Weeden Island unsp.                | <input type="checkbox"/> American 19th Century              |
| <input type="checkbox"/> Belle Glade unsp.   | <input type="checkbox"/> Glades IIIb  | <input type="checkbox"/> Pensacola                | <input type="checkbox"/> Santa Rosa-Swift Creek  | <input type="checkbox"/> Prehistoric nonceramic             | <input type="checkbox"/> American 20th Century              |
| <input type="checkbox"/> Cades Pond          | <input type="checkbox"/> Glades IIIc  | <input type="checkbox"/> Perico Island            | <input type="checkbox"/> Seminole: Colonization  | <input type="checkbox"/> Prehistoric ceramic                | <input type="checkbox"/> American unspecified               |
| <input type="checkbox"/> Deptford            | <input type="checkbox"/> Glades III unsp.   | <input checked="" type="checkbox"/> Safety Harbor | <input type="checkbox"/> Seminole: 1st War To 2d | <input checked="" type="checkbox"/> Prehistoric unspecified | <input type="checkbox"/> African-American                   |
| <input type="checkbox"/> Other               | (Less common phases are not check-listed. For historic sites, also give specific dates if known.) _____ |   |  |   |   |

\*Consult Guide to Archaeological Site Form for preferred descriptions not listed above (data are "coded fields" at the Site File).

### SURVEYOR'S EVALUATION OF SITE

Potentially eligible for a local register?  yes: name of register at right  no  insufficient info Name of local register if eligible: \_\_\_\_\_

Individually eligible for National Register?  yes  no  insufficient info

Potential contributor to NR district?  yes  no  insufficient info

Explanation of Evaluation (Required if evaluated; limit to 3 lines; attach full justification) It remains unclear if 8MA715 was located on north or south side of river. South side of river (T34S, R19E, S13) was tested. No evidence of 8MA715 was found.

Recommendations for Owner or SHPO Action None

### DHR USE ONLY\*\*\*\*\*OFFICIAL EVALUATIONS\*\*\*\*\*DHR USE ONLY

NR DATE	KEEPER-NR ELIGIBILITY <input type="checkbox"/> yes <input type="checkbox"/> no	Date _____
DELIST DATE	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elig. <input type="checkbox"/> insufficient info	Date _____
	LOCAL DESIGNATION: _____	Date _____
	Local office _____	
National Register Criteria for Evaluation <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (See National Register Bulletin 15, p.2)		



Consult Guide to Archaeological Site Form for detailed instructions.

FIELD METHODS

SITE DETECTION\*

SITE BOUNDARIES\*

- no field check, exposed ground, screened shovel, bounds unknown, remote sensing, unscreened shovel, literature search, posthole digger, none by recorder, insp exposed ground, screened shovel, informant report, auger--size, literature search, posthole tests, block excavations, remote sensing, unscreened shovel, informant report, auger--size, estimate or guess

Other methods; number, size, depth, pattern of units; screen size (attach site plan)

SITE DESCRIPTION

Extent Size (m2) Depth/stratigraphy of cultural deposit no cultural materials recovered; 0-60 brown shell/crushed limestone fill, 60-100 brown clay

Temporal Interpretation\*- Components (check one): single, prob single, prob multiple, multiple, uncertain, unknown

Describe each occupation in plan (refer to attached large scale map) and stratigraphically. Discuss temporal and functional interpretation

Integrity Overall disturbance\*: none seen, minor, substantial, major, redeposited, destroyed-document!, unknown

Disturbances/threats/protective measures If site was located in the vicinity it is no longer extant

Surface: area collected m2 # collection units Excavation: # noncontiguous blocks

ARTIFACTS

Total Artifacts # 0c (C)ount or (E)stimate? Surface # (C) or (E) Subsurface # (C) or (E)

COLLECTION SELECTIVITY\*

ARTIFACT CATEGORIES\* and DISPOSITIONS\* (example: A bone-human)

- unknown, unselective (all artifacts), selective (some artifacts), mixed selectivity

- Pick exactly one code from Disposition List: bone-animal, exotic-nonlocal, bone-human, glass, bone-unspecified, lithics-aboriginal, bone-worked, metal-nonprecious, brick/building debris, metal-precious/coin, ceramic-aboriginal, shell-unworked, ceramic-nonaboriginal, shell-worked, daub, Others:

Disposition List\*

- A- category always collected, S- some items in category collected, O- observed first hand, but not collected, R- collected and subsequently left at site, I- informant reported category present, U- unknown

SPATIAL CONTROL\*

- uncollected, general (not by subarea), unknown, controlled (by subarea), variable spatial control, Other

Artifact Comments

DIAGNOSTICS (Type or mode, and frequency: e.g., Suwannee ppk, heat-treated chert, Deptford Check-stamped, ironstone/whiteware)

- 1. N= 5. N= 9. N=
2. N= 6. N= 10. N=
3. N= 7. N= 11. N=
4. N= 8. N= 12. N=

ENVIRONMENT

Nearest fresh water type\* & name (incl. relict source) Manatee River Distance (m)/bearing 10m N

Natural community (FNAI category\* or leave blank) Floodplain Swamp

Local vegetation oak, cabbage palm, palmetto

Topography\* Floodplain Min Elevation 1.5 meters Max Elevation 3 meters

Present land use county park

SCS soil series Felda-Wabasso,freq. flooded Soil association Myakka-Waveland-Cassia

FURTHER INFORMATION

Informant(s): Name/Address/Phone/Email

Describe field & analysis notes, artifacts, photos. For each, give type\* (e.g., notes), curating organization \*, accession #s, and short description.

Manuscripts or Publications on the site (Use continuation sheet, give FMSF# if relevant) CRAS Waters Edge, Manatee County, Florida CRAS Upper Manatee River Road PD&E, Manatee County, Florida

Recorder(s): Name/Addr./Phone/Email ACI/PO Box 5103, Sarasota, FL 34277-5103/941-379-6206/941-3796216/ACIFlorida@comcast.net Affiliation\* or FAS Chapter

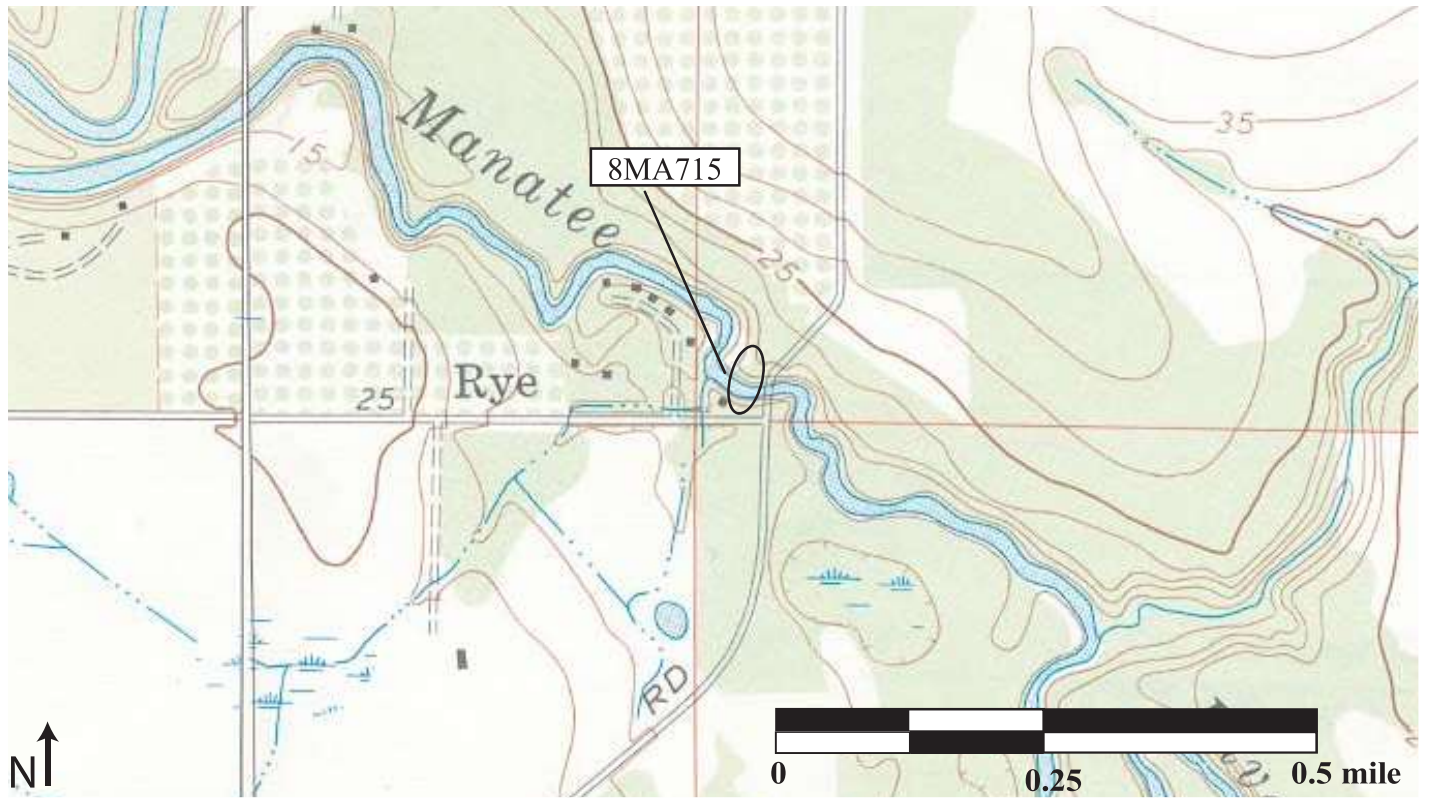
\* Consult Guide to Archaeological Site Form for preferred descriptions not listed above (data are "coded fields" at the Site File).

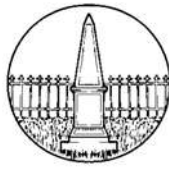
SITE PLAN & USGS REQUIRED At 1"=300' (1:3600) or larger scale, show: site boundaries, scale north arrow, datum, test/collection unites, landmarks, mappers, date.



USGS MAP

Township 34 South, Range 19 East  
Rye Fla. 1972, PI 1979





# HISTORICAL CEMETERY FORM

## Florida Master Site File

Version 3.0: 8/98

Site #8 MA1343

Recorder # 1/1

Field Date 1/8/07

Form Date 1/15/07

Original  
 Update (give site # at right)

\*Consult Guide to the Historical Cemetery Form for detailed instructions

### LOCATION & IDENTIFICATION

Cemetery Name(s) Mitchellville Cemetery Multiple Listing [DHR only]

Project Name CRAS Upper Manatee River Road PD&E Study FMSF Survey #

Address/Vicinity of/Route to From I-75, take SR 64 east to Rye Road, turn northeast (left). Cemetery is .45 miles north of Manatee River on west side of Rye Road.

Nearest City/Town (within three miles) Parrish In Current City Limits?  yes  no  unknown

County Manatee Tax Parcel #(s) (optional) 513505008

Ownership Type (check exactly one)  private-profit  private-nonprofit  private-unspecified  city  county  
 state  federal  foreign  Native American  unknown

Public Tract Enclosing Cem., if any (e.g. park) \_\_\_\_\_

### MAPPING

USGS 7.5' Map Name and Date Rye, Fla. 1972, PI 1979

Township 34S Range 19E Section 13 ¼ section  NW  SW  SE  NE  Irregular sec.-name: \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ ¼ section  NW  SW  SE  NE  Irregular sec.-name: \_\_\_\_\_

Landgrant: \_\_\_\_\_ Plat or Other Map \_\_\_\_\_

### HISTORY

Year Cemetery Established: \_\_\_\_\_ Estimated Year 1879 Ownership History (especially original owners) Samuel Mitchell, First Florida Bank (St. Pete Bank & Trust), Hubert & Betty Rutland, Richard Knowles, John Miller, Riggs National Property Co., LLC (current)

Year Burials Ceased, if applicable ca.1929 Reason(s) Burials Ceased community decline after the railroad established a station in Parrish, north of Mitchellville/Rye

Range of Death Dates Earliest 1884 Most Recent \_\_\_\_\_ (O)bserved or (R)esearched? O

Acreage Expansions/Dates: \_\_\_\_\_

List People Important in Local, State, or National History Buried in Cemetery Only marker in cemetery is for Thomas Urquhart, (d.1884) Father-in-law to Samuel Mitchell, located west of Rye Road

Previous Attempts at Repair, Cleaning, or Restoration? None observed.

### GENERAL DESCRIPTION OF CEMETERY

Type (Check all that apply)  community  company town  epidemic  family  fraternal order  
 memorial park  military(not national)  municipal  national  potter's field  prison  
 religious  "Rural Movement"  other (explain): \_\_\_\_\_

Ethnic Group(s) Interred (Check all that apply)  White non-Hispanic  Hispanic  Asian  Caribbean  
 African American  American Indian-tribe: \_\_\_\_\_  other (explain): \_\_\_\_\_

Current Status:  used for burials  maintained but not used  abandoned Size: 300 ft X 150 ft or \_\_\_\_\_ acres

Total # Graves: 25 Does Total # Include Unmarked Graves?:  yes  no

Evidence/# of Unmarked Graves? Manasota Geoneological Society 1982 survey notes approximately 25 graves, only 1 marked

Condition:  well maintained  some areas maintained, others neglected  poorly maintained  
 not maintained, but can identify  not maintained, hard to identify  not identifiable but known to exist (explain):  
one marker with pipe fence, other graves noted as existing on parcel but not identified, most of parcel now citrus grove

Cemetery Boundary Type:  fence  wall  hedge  other (explain): \_\_\_\_\_

Describe Cem. Boundary (e.g. "cast iron fence", stone or brick wall, etc.) metal fence

Historical Vegetation (trees, shrubs, flowers) no historical vegetation

Grave Groupings (Check all that apply)  family  fraternal order  military  religious  ethnic heritage  other (explain):  
No groupings apparent as only one grave is marked

Groupings Indicated By (Check all that apply)  curbing  fence  hedge  wall  other (explain): \_\_\_\_\_

Public Access  Unlimited  Restricted: How? Private property

Surroundings [use (N)one, (S)ome, (M)ost, (A)ll or nearly (A)ll] \_\_\_\_\_ Commercial \_\_\_\_\_ Residential \_\_\_\_\_ Institutional A Undeveloped

Threats (Check all that apply)  abandonment  agriculture  desecration  public development  private development  
 mining or timbering  other (explain): road widening, subdivision development

Associated Historical Properties/Archaeological (non-cemetery) Remains None observed.

Check if Historical Structure Form completed  Check if Archaeological Site Form completed

\*Consult Guide to the Historical Cemetery Form for detailed instructions

GRAVES

If question requests N/S/M/A, estimate proportions by using a letter as follows: (N)one/Very Few, (S)ome, (M)ost, (A)ll/Nearly (A)ll.

Orientation (N/S/M/A) (complete all that apply) A East/West North/South Other: (explain):
Marked Graves (N/S/M/A) (complete all that apply) 1 Headstones Marked with objects or plants (no headstone on grave)
Graves mounded Graves depressed

If Other Method(s) of Marking Graves Used, List and Give N/S/M/A

Marker Materials (Check all that apply) [x]marble [ ]concrete/cement [ ]fieldstone [ ]granite [ ]wrought iron
[ ]cast iron [ ]white bronze/zinc [ ]sandstone [ ]slate [ ]wood [ ]other (explain below):

Describe Grave Articles Found in Cemetery None observed.

Marker Conditions (N/S/M/A) Sunken or tilted 1 Chipped, cracked, weathered, but standing
Broken or in fragments Deliberately vandalized

Other Notable Conditions Observed and Proportions (N/S/M/A) Existing marker appears to have originally faced east, but was knocked off of it's base and replaced facing west. The pipe fence surrounding the grave is in ruins.

Inscriptions (N/S/M/A) 1 Legible inscriptions Illegible inscriptions No inscriptions

Distinctive Gravemarkers, Monuments, and/or Architectural Features The marker is a column representing a full life, decorated with a Clover symbolizing the Christian trinity, and the compass and square denoting membership in the Freemasons.

Signatures of Stone Carvers (Specify name, town if available)

RECORDER'S EVALUATION

Potentially Eligible for Local Designation? [ ]yes [x]no [ ]insufficient information

Name of Local Register if Eligible

Individually Eligible for Nat. Register? [ ]yes [x]no [ ]insufficient information

Potential Contributor to NR District? [ ]yes [x]no [ ]insufficient information

Areas of Historical Significance (See National Register Bulletin 15, p. 8 for categories: e.g. "architecture", "ethnic heritage", etc.):

Community Planning and Development

Explanation of Evaluation (required; limit to three lines; attach full statement on separate sheet):

This cemetery, established ca. 1879, served as the Mitchellville/Rye community cemetery. However, only one marker remains with no evidence of the approximately 24 unmarked graves. Because the cemetery is in such a deteriorated state with no evidence of unique gravestones, architectural/landscape elements, or burial practices, it does not appear NRHP eligible.

DOCUMENTATION

Research Methods (Consult Guide to the Historical Cemetery Form for detailed instructions) literature search, field survey

Bibliographic References (Author, date, title, publication information. If unpublished, give FSF Manuscript Number, or location where available): Manasota Genealogical Society, Tombstone Inscriptions in Cemeteries of Manatee County, Florida 1850-1980, first edition, 1982, Manatee County Public Library; Louise Stewart, "Little Remains of Rye, Once a Riverboat Town," Bradenton Herald, 27 December 1964.

Local Contact: Name/Address/Phone # /Administrative Office

Recorder(Name/Address/Phone/Affiliation): Archaeological Consultants, Inc./ 8110 Blaikie Court, Ste A, Sarasota, FL 34240/ (941)379-6206/Archaeological Consultants, Inc.

Photographs: Required. Request the use of B&W prints no smaller than 3x5. Photographs would be useful to document main gate or entrance, representative general views, representative or unusual monuments or markers, and damage or neglect.

Describe and Give Location/File Nos. of Notes, Records, or Photos: Photos on file, ACI P02011F

DHR USE ONLY OFFICIAL EVALUATIONS DHR USE ONLY

Table with 2 columns: DHR USE ONLY and OFFICIAL EVALUATIONS. Includes fields for NR DATE, DELIST DATE, KEPPER-NR ELIGIBILITY, SHPO-NR ELIGIBILITY, LOCAL DESIGNATION, Local office, and National Register Criteria for Evaluation.



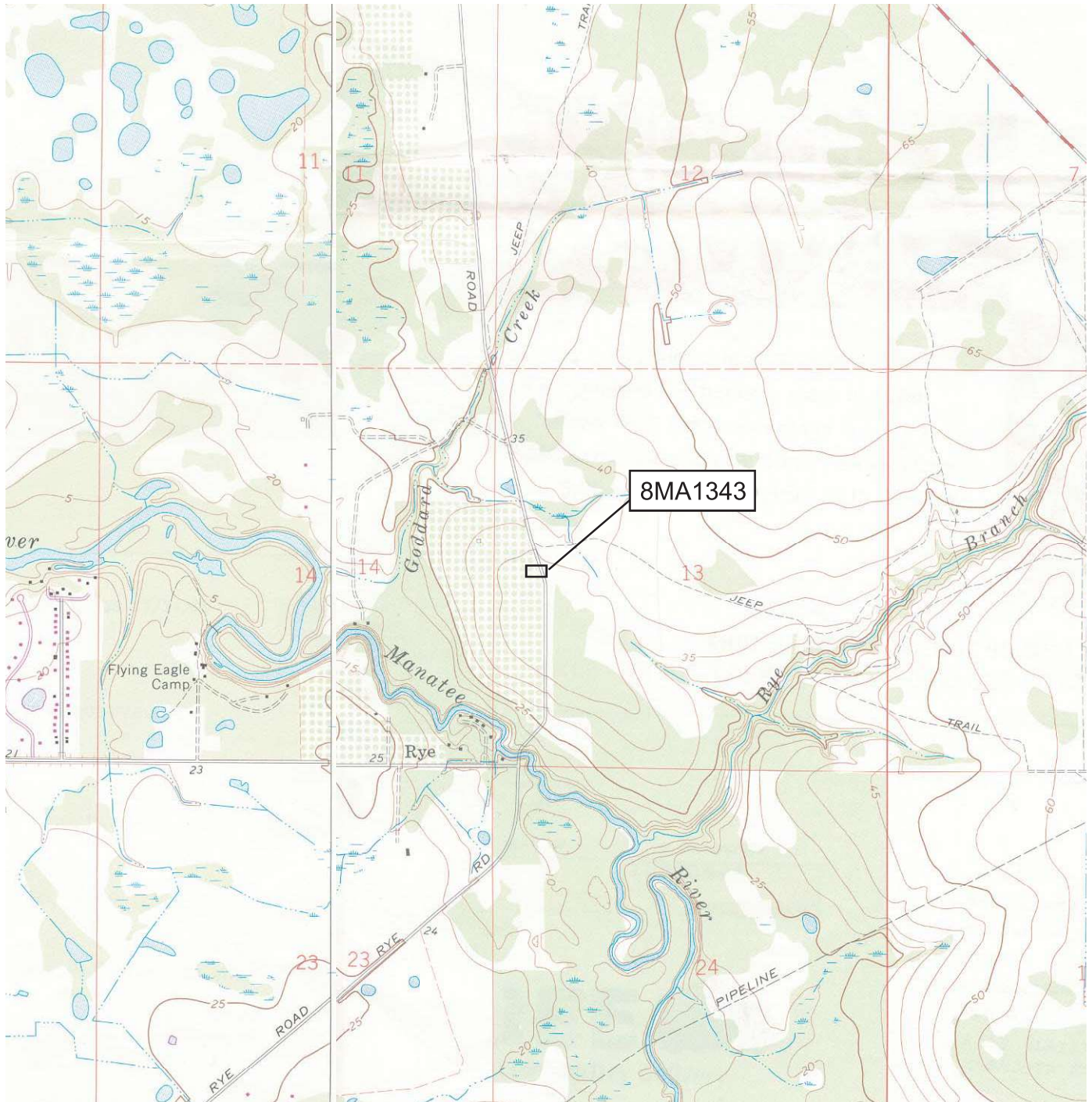
Grave marker west of Rye Road



Newly installed fence surrounding cemetery and grave marker west of Rye Road

USGS MAP

Township 34 South, Range 19 East  
Parrish, Fla. 1973, PR 1987 and Rye Fla. 1972 ,PI 1979



ARCHAEOLOGICAL SITE FORM
FLORIDA MASTER SITE FILE

Site #8 MA1344

Recorder Site #

Field Date 3/9/04

Form Date 3/15/04

[X] Original

[ ] Update

(give site #)

Version 2.2 3/97

Consult Guide to Archaeological Site Forms for detailed instructions.

Site Name(s) Waters Edge Historic Scatter

Multiple Listing [DHR only]

Project Name CRAS Waters Edge

FMSF Survey #

Ownership: [X] private-profit [ ] private-nonprofit [ ] private-individ. [ ] private-unspecifd. [ ] city [ ] county [ ] state [ ] federal [ ] foreign [ ] Native Amer. [ ] unknown

USGS 7.5 Map Name & Date Rye Fla. 1972, PI 1979

County Manatee

Township 34S Range 19E Section 13 [ ] Check if Irregular Section; Qtr. Section (check all that apply): [ ] NE [ ] NW [ ] SE [X] SW

Landgrant Tax Parcel # (s)

City/Town (if within 3 mi.) In Current City Limits: [ ] y [X] n [ ] unknown

UTM: Zone [ ] 16 [X] 17 Easting 365059 Northing 3044786

Address/ Vicinity of/ Route to From I-75 take SR 64 east to Rye Road, turn northeast, site is 0.45 miles north of Manatee River on west side of Rye Road.

Name of Public Tract (e.g., park)

TYPE OF SITE (Check all choices that apply; if needed write others in at bottom)

SETTING \*

STRUCTURES - OR - FEATURES \*

FUNCTION \*

- [X] Land- terrestrial [ ] Cave/Sink- subterranean [ ] Wetland- palustrine [ ] Lake/Pond- lacustrine [ ] River/Stream/Creek- riverine [ ] Tidal- estuarine [ ] Saltwater- marine [ ] "high energy" marine [ ] "low energy" marine [ ] Other
[ ] aboriginal boat [ ] agric/farm building [ ] burial mound [ ] building remains [ ] cemetery/grave [ ] dump/refuse [ ] earthworks [ ] fort [ ] midden [ ] mill unspecified [ ] mission [ ] mound unspec. [ ] plantation [ ] platform mound [ ] well [ ] road segment [ ] shell midden [ ] shell mound [ ] shipwreck [ ] subsurface features [ ] surface scatter [ ] town (historic) [ ] quarry [ ] none specified [ ] campsite [ ] extractive site [ ] habitation (prehistoric) [ ] homestead (historic) [ ] farmstead [ ] village (prehistoric) [ ] town (historic) [ ] quarry

HISTORIC CONTEXTS (Check all that apply; use most specific subphases: e.g., if Glades Ia only, don't also use Glades I)

- Aboriginal\* [ ] Alachua [ ] Archaic, Early [ ] Archaic, Middle [ ] Archaic, Late [ ] Archaic unspecified [ ] Belle Glade I [ ] Belle Glade II [ ] Belle Glade III [ ] Belle Glade IV [ ] Belle Glade unspec [ ] Cades Pond [ ] Deptford [ ] Other
[ ] Englewood [ ] Fort Walton [ ] Glades Ia [ ] Glades Ib [ ] Glades I unsp. [ ] Glades IIa [ ] Glades IIb [ ] Glades IIc [ ] Glades II unsp. [ ] Glades IIIa [ ] Glades IIIb [ ] Glades IIIc [ ] Glades III unsp.
[ ] Glades unspec. [ ] Hickory Pond [ ] Leon-Jefferson [ ] Malabar I [ ] Malabar II [ ] Mount Taylor [ ] Norwood [ ] Orange [ ] Paleoindian [ ] Pensacola [ ] Perico Island [ ] Safety Harbor
[ ] St. Augustine [ ] St. Johns Ia [ ] St. Johns Ib [ ] St. Johns I unsp. [ ] St. Johns IIa [ ] St. Johns II unsp. [ ] St. Johns unspecif. [ ] Santa Rosa [ ] Santa Rosa-Swift Creek [ ] Seminole: Colonization [ ] Seminole: 1st War To 2d
[ ] Seminole: 2d War to 3d [ ] Seminole: 3d War On [ ] Seminole unspecified [ ] Swift Creek, Early [ ] Swift Creek, Late [ ] Swift Creek, unspecif. [ ] Transitional [ ] Weeden Island I [ ] Weeden Island II [ ] Weeden Island unspec. [ ] Prehistoric nonceramic [ ] Prehistoric ceramic [ ] Prehistoric unspecified
Nonaboriginal\* [ ] First Spanish 1513-99 [ ] First Spanish 1600-99 [ ] First Spanish 1700-1763 [ ] First Spanish unspecified [ ] British 1763-1783 [ ] Second Spanish 1783-1821 [ ] American Territorial 1821-45 [ ] American Civil War 1861-65 [ ] American 19th Century [ ] American 20th Century [ ] American unspecified [ ] African-American

\*Consult Guide to Archaeological Site Form for preferred descriptions not listed above (data are "coded fields" at the Site File).

SURVEYOR'S EVALUATION OF SITE

- Potentially eligible for a local register? [ ] yes: name of register at right [X] no [ ] insufficient info Name of local register if eligible:
Individually eligible for National Register? [ ] yes [X] no [ ] insufficient info
Potential contributor to NR district? [ ] yes [X] no [ ] insufficient info

Explanation of Evaluation (Required if evaluated; limit to 3 lines; attach full justification) low artifact scatter and diversity limits research potential of the site.

Recommendations for Owner or SHPO Action None

DHR USE ONLY\*\*\*\*\*OFFICIAL EVALUATIONS\*\*\*\*\*DHR USE ONLY

Table with 3 columns: NR DATE, DELIST DATE, and National Register Criteria for Evaluation. Includes checkboxes for eligibility and date fields.

Consult Guide to Archaeological Site Form for detailed instructions.

FIELD METHODS

SITE DETECTION\*

SITE BOUNDARIES\*

- no field check, exposed ground, screened shovel, bounds unknown, remote sensing, unscreened shovel, literature search, posthole digger, none by recorder, insp exposed ground, screened shovel, informant report, auger--size, literature search, posthole tests, block excavations, remote sensing, unscreened shovel, informant report, auger--size, estimate or guess

Other methods; number, size, depth, pattern of units; screen size (attach site plan)

SITE DESCRIPTION

Extent Size (m2) 10000 Depth/stratigraphy of cultural deposit All artifacts recovered from surface, 12 shovel tests excavated in vicinity yielded no subsurface materials or features.

Temporal Interpretation\*- Components (check one): single, prob single, prob multiple, multiple, uncertain, unknown

Describe each occupation in plan (refer to attached large scale map) and stratigraphically. Discuss temporal and functional interpretation Residential scatter on contemporaneous with occupation of Mitchellville/Rye FL ca. 1850 to 1930

Integrity Overall disturbance\*: none seen, minor, substantial, major, redeposited, destroyed-document, unknown

Disturbances/threats/protective measures Surface scatter in active citrus grove

Surface: area collected 10000 m2 # collection units Excavation: # noncontiguous blocks

ARTIFACTS

Total Artifacts # 31C (C)ount or (E)stimate? Surface # 31C (C) or (E) Subsurface # 0C (C) or (E)

COLLECTION SELECTIVITY\*

ARTIFACT CATEGORIES\* and DISPOSITIONS\* (example: A bone-human)

- unknown, unselective (all artifacts), selective (some artifacts), mixed selectivity

- Pick exactly one code from Disposition List: bone-animal, exotic-nonlocal, bone-human, glass, bone-unspecified, lithics-aboriginal, bone-worked, metal-nonprecious, brick/building debris, metal-precious/coin, ceramic-aboriginal, shell-unworked, ceramic-nonaboriginal, shell-worked, daub, Others:

Disposition List\*

- A- category always collected, S- some items in category collected, O- observed first hand, but not collected, R- collected and subsequently left at site, I- informant reported category present, U- unknown

SPATIAL CONTROL\*

- uncollected, general (not by subarea), unknown, controlled (by subarea), variable spatial control, Other

Artifact Comments Colbalt & solarized glass, plate glass, building debris

DIAGNOSTICS

(Type or mode, and frequency: e.g., Suwannee ppk, heat-treated chert, Deptford Check-stamped, ironstone/whiteware)

- 1. Solarized glass N= 10 5. N= 9. N=
2. Colbalt glass N= 3 6. N= 10. N=
3. Aqua glass N= 1 7. N= 11. N=
4. N= 8. N= 12. N=

ENVIRONMENT

Nearest fresh water type\* & name (incl. relict source) Tributary to Goddard Creek Distance (m)/bearing 400 m N

Natural community (FNAI category\* or leave blank) Flatwoods

Local vegetation Orange grove

Topography\* Hill-crest Min Elevation 12 meters Max Elevation 14 meters

Present land use Orange grove

SCS soil series Palmetto sand Soil association Myakka-Waveland-Cassia

FURTHER INFORMATION

Informant(s): Name/Address/Phone/Email

Describe field & analysis notes, artifacts, photos. For each, give type\* (e.g., notes), curating organization \*, accession #s, and short description.

Manuscripts or Publications on the site (Use continuation sheet, give FMSF# if relevant) CRAS Waters Edge, Manatee County, Florida

Recorder(s): Name/Addr./Phone/Email ACI/PO Box 5103, Sarasota, FL 34277-5103/941-379-6206/941-3796216/ACIFlorida@comcast.net

Affiliation\* or FAS Chapter

\* Consult Guide to Archaeological Site Form for preferred descriptions not listed above (data are "coded fields" at the Site File).

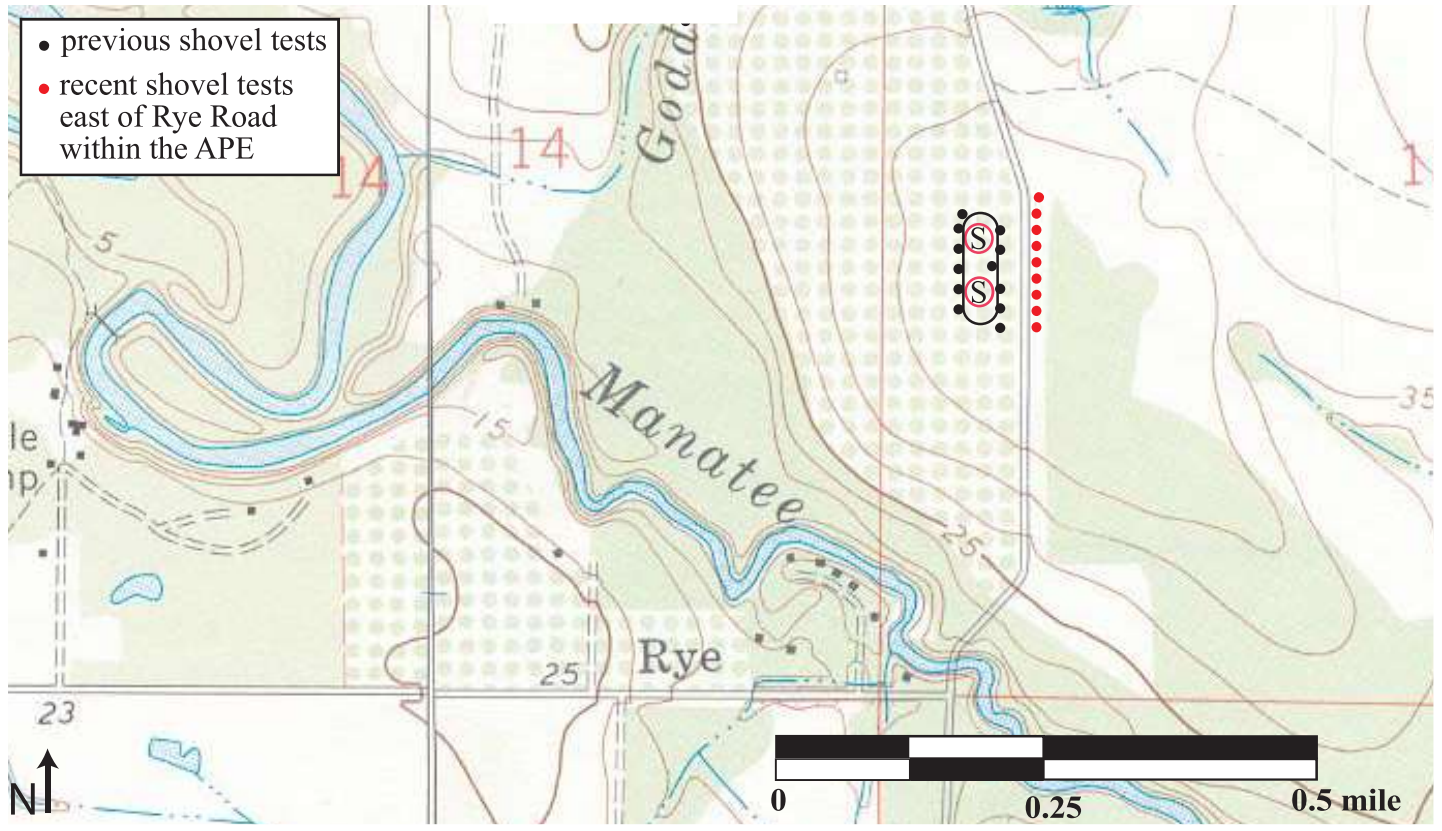
SITE PLAN & USGS REQUIRED At 1"=300' (1:3600) or larger scale, show: site boundaries, scale north arrow, datum, test/collection unites, landmarks, mappers, date.





USGS MAP

Township 34 South, Range 19 East  
Parrish, Fla. 1973, PR 1987 and Rye Fla. 1972, PI 1979



West of Rye Road



East of Rye Road



# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

Site #8 MA01216  
 Recorder # 490310158  
 Field Date 4/25/2008  
 Form Date 5/1/2008  
 FormNo 200804  
 FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? NO

## GENERAL INFORMATION

Site Name (address if none) Whidden, Steven E. Multiple Listing (DHR only) \_\_\_\_\_  
 Other Names \_\_\_\_\_ >> \_\_\_\_\_  
 Survey or Project Name Manatee Co. Historical Structures Survey Phase I Survey# \_\_\_\_\_  
 National Register Category Building(s)

## LOCATION & IDENTIFICATION

### Address

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>5432</u>		<u>Ft. Hamer</u>	<u>Road</u>	

Cross Streets (nearest/ between) between Britt Rd. & 50th Ct. E.  
 City / Town (within 3 miles) Parrish, FL 34219 In Current City Limits? \_\_\_\_\_  
 County Manatee Tax Parcel #(s) 490310158  
 Subdivision Name \_\_\_\_\_ Block \_\_\_\_\_ Lot \_\_\_\_\_  
 Ownership \_\_\_\_\_  
 Name of Public Tract (e.g., park) \_\_\_\_\_  
 Route to (especially if no street address) South of US 301 N. between Britt Rd. & 50th Ct. E., North of Golf Course Rd.

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date \_\_\_\_\_ >> PARRISH, 1987  
 Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 section: \_\_\_\_\_ >> 33E, 39E, 32, Vague / Unknown  
 Irregular Section Name: \_\_\_\_\_  
 Landgrant \_\_\_\_\_  
 UTM: Zone 17 Easting 359260 Northing 3049624  
 Plat or Other Map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style Frame Vernacular Other Style \_\_\_\_\_  
 Exterior Plan Rectangular Other Exterior Plan \_\_\_\_\_  
 Number of Stories 1  
 Structural System(s) \_\_\_\_\_ >> Wood frame  
 Other Structural System(s) \_\_\_\_\_  
 Foundation Type(s) \_\_\_\_\_ >> Continuous  
 Other Foundation Types \_\_\_\_\_  
 Foundation Material(s) \_\_\_\_\_ >> Unspecified  
 Other Foundation Material(s) \_\_\_\_\_  
 Exterior Fabric(s) \_\_\_\_\_ >> Vinyl  
 Other Exterior Fabric(s) \_\_\_\_\_  
 Roof Type(s) \_\_\_\_\_ >> Hip  
 Other Roof Type(s) Shed  
 Roof Material(s) \_\_\_\_\_ >> Asphalt shingles  
 Other Roof Material(s) \_\_\_\_\_  
 Roof Secondary Structure(s) (dormers etc) \_\_\_\_\_ >> Not applicable  
 Other Roof Secondary Structure(s) \_\_\_\_\_  
 Number of Chimneys 1  
 Chimney Material Wood  
 Other Chimney Material(s) \_\_\_\_\_  
 Chimney Location(s) North, Exterior

# HISTORICAL STRUCTURE FORM

8MA01216

## DESCRIPTION (continued)

Window Descriptions SHS-Metal rectangular 6/6

Main Entrance Description (stylistic details) 9 pane glazed top, 2 panel bottom wood door in screened porch.

Porches: #open \_\_\_\_\_ #closed 1 #incised \_\_\_\_\_ Location(s) \_\_\_\_\_

Porch Roof Types(s) Shed

Exterior Ornament None

Interior Plan \_\_\_\_\_

Other Interior Plan \_\_\_\_\_

Condition Good

### Structure Surroundings

Commercial: \_\_\_\_\_ Residential: MOSTly this category  
Institutional: \_\_\_\_\_ Undeveloped: SOME of this category

Ancillary Features (Number / type of outbuildings, major landscape features) Small storage unit beside carport at back of house.

Archaeological Remains (describe): None evident

If archaeological remains are present, was an Archaeological Site Form completed? \_\_\_\_\_

Narrative Description (optional) Modifications to this residence include the addition of a wood ramp, replacing the porch and replacing the windows. Vinyl siding has been added to the exterior walls.

## HISTORY

Construction year 1930

Architect (last name first): Unknown

Builder (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
----------------	----------------	-------------------	------------------------

>> Altered-not to standards;; Vinyl Siding add., windows, Porch add.

### Structure Use History

Use \_\_\_\_\_ Year Use Started \_\_\_\_\_ Year Use Ended \_\_\_\_\_ >> Home--private;;

Other Structure Uses \_\_\_\_\_

Ownership History (especially original owner, dates, profession, etc.) Unknown

## RESEARCH METHODS

Research Methods \_\_\_\_\_ >> Window

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register? NO Name of Local Register if Eligible Parrish Historic District  
Individually Eligible for National Register? NO  
Potential Contributor to NR District? NO

Area(s) of historical significance \_\_\_\_\_ >> \_\_\_\_\_

Other Historical Associations \_\_\_\_\_

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Register criteria for listing as a cultural resource.

# HISTORICAL STRUCTURE FORM

8MA01216

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF Including Field Notes, Plans, other Important Documents

Document type: \_\_\_\_\_

Maintaining Organization: \_\_\_\_\_

File or Accession #: \_\_\_\_\_

Descriptive Information: \_\_\_\_\_

>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John T.

Recorder Address / Phone 1609 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33704 727-821-2986

Recorder Affiliation \_\_\_\_\_ Other Affiliation Renker Eich Parks Architects, Inc.

Is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## \*\*\*\*\* MASTER SITE FILE USE ONLY \*\*\*\*\*

Cultural Resource Type: SS

Electronic Form Used: S110

Form Type Code: FORM

Form Quality Ranking: NEW

Form Status Code: SCAT

Supplement Information Status: NO SUPPLEMENT

Supplement File Status: NO SUPPLEMENT FILE

FMSF Staffer: \_\_\_\_\_

Computer Entry Date: 2/7/2008

SHPO's Evaluation of Resource

\_\_\_\_\_ Date \_\_\_\_\_

Form Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### **REQUIRED PAPER ATTACHMENTS**

- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"



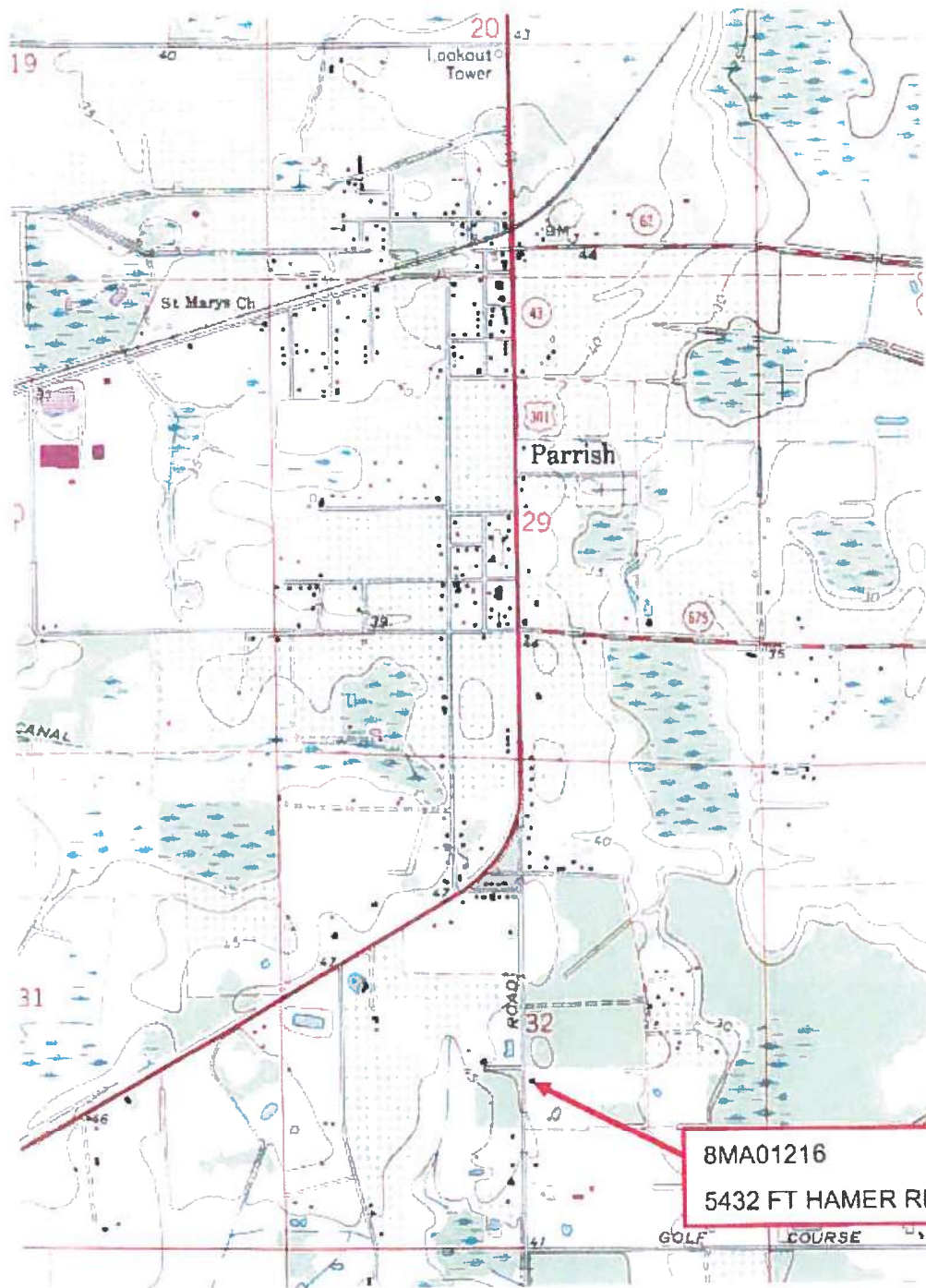
MAIN FACADE



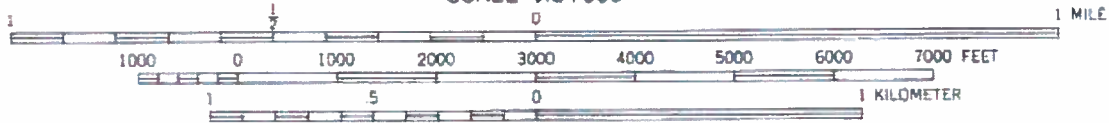
LARGE SCALE STREET MAP

5432 FT HAMER RD. PARRISH, FL 34219

8MA01216



USGS Parrish (FL) Quadrangle 1987  
SCALE 1:24 000



**5432 FT HAMER RD. PARRISH, FL 34219**

**8MA01216**



# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

Site #8 MA01217  
 Recorder # 483420006  
 Field Date 4/25/2008  
 Form Date 5/1/2008  
 FormNo 200804  
 FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? NO

## GENERAL INFORMATION

Site Name (address if none) Kirk, Lonny M. Multiple Listing (DHR only) \_\_\_\_\_  
 Other Names \_\_\_\_\_ >> \_\_\_\_\_  
 Survey or Project Name Manatee Co. Historical Structures Survey Phase I Survey# \_\_\_\_\_  
 National Register Category Building(s)

## LOCATION & IDENTIFICATION

### Address

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>5909</u>		<u>Ft. Hamer</u>	<u>Road</u>	

Cross Streets (nearest/ between) between 60th St. E. & 56th St. E.  
 City/Town (within 3 miles) Parrish, FL 34219 In Current City Limits? \_\_\_\_\_  
 County Manatee Tax Parcel #(s) 483420006  
 Subdivision Name N/A Block \_\_\_\_\_ Lot \_\_\_\_\_  
 Ownership Private Individual  
 Name of Public Tract (e.g., park) \_\_\_\_\_  
 Route to (especially if no street address) West side of Ft. Hamer Rd. between 60th St. E. & 56th St. E.

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date \_\_\_\_\_ >> PARRISH, 1987  
 Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 section: \_\_\_\_\_ >> 33S ; 19E ; 32 ; NW  
 Irregular Section Name: \_\_\_\_\_  
 Landgrant \_\_\_\_\_  
 UTM: Zone 17 Easting 359266 Northing 3050147  
 Plat or Other Map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style Frame Vernacular Other Style \_\_\_\_\_  
 Exterior Plan Irregular Other Exterior Plan \_\_\_\_\_  
 Number of Stories 1  
 Structural System(s) \_\_\_\_\_ >> Wood frame  
 Other Structural System(s) \_\_\_\_\_  
 Foundation Type(s) \_\_\_\_\_ >> Continuous  
 Other Foundation Types \_\_\_\_\_  
 Foundation Material(s) \_\_\_\_\_ >> Poured Concrete Footing  
 Other Foundation Material(s) Concrete Masonry Units  
 Exterior Fabric(s) \_\_\_\_\_ >> Asbestos  
 Other Exterior Fabric(s) \_\_\_\_\_  
 Roof Type(s) \_\_\_\_\_ >> Gable-stepped  
 Other Roof Type(s) \_\_\_\_\_  
 Roof Material(s) \_\_\_\_\_ >> Asphalt Shingles  
 Other Roof Material(s) \_\_\_\_\_  
 Roof Secondary Structure(s) (dormers etc) \_\_\_\_\_ >> Not applicable  
 Other Roof Secondary Structure(s) \_\_\_\_\_  
 Number of Chimneys 0  
 Chimney Material \_\_\_\_\_  
 Other Chimney Material(s) \_\_\_\_\_  
 Chimney Location(s) \_\_\_\_\_

# HISTORICAL STRUCTURE FORM

8MA01217

## DESCRIPTION (continued)

Window Descriptions SHS-Metal rectangular 2/2

Main Entrance Description (stylistic details) Modern, Glazed Lunette over 4 vert. panel at raised wd. deck

Porchs: #open 1 #closed      #incised      Location(s) At front door (East)

Porch Roof Types(s)     

Exterior Ornament     

Interior Plan     

Other Interior Plan     

Condition Fair

### Structure Surroundings

Commercial:      Residential: MOSTly this category

Institutional:      Undeveloped: SOME of this category

Ancillary Features (Number / type of outbuildings, major landscape features) None

Archaeological Remains (describe): None evident

If archaeological remains are present, was an Archaeological Site Form completed?     

Narrative Description (optional) Modifications to this residence include the replacement of both windows and doors. A wood deck has also been added at the front door.

## HISTORY

Construction year 1951

Architect (last name first): Unknown

Builder (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
----------------	----------------	-------------------	------------------------

>> <u>Altered-not to standards;;;Windows recently replaced</u>
--

### Structure Use History

Use	Year Use Started	Year Use Ended	>>
-----	------------------	----------------	----

<u>Home--private;;</u>
Other Structure Uses <u>    </u>

Ownership History (especially original owner, dates, profession, etc.) Unknown

## RESEARCH METHODS

Research Methods      >> Windshield

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register? NO

Name of Local Register if Eligible Parrish Historic District

Individually Eligible for National Register? NO

Potential Contributor to NR District? NO

Area(s) of historical significance      >>     

Other Historical Associations     

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Register criteria for listing as a cultural resource.



# HISTORICAL STRUCTURE FORM

8MA01217

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF Including Field Notes, Plans, other Important Documents

Document type: \_\_\_\_\_ Maintaining Organization: \_\_\_\_\_

File or Accession #: \_\_\_\_\_ Descriptive Information: \_\_\_\_\_

>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John T.

Recorder Address / Phone 1601 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33703 727-821-2986

Recorder Affiliation \_\_\_\_\_ Other Affiliation Renker Eich Parks Architects, Inc.

Is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## MASTER SITE FILE USE ONLY

Cultural Resource Type: SS

Electronic Form Used: 511D

Form Type Code: NORM

Form Quality Ranking: NEW

Form Status Code: SCAT

Supplement Information Status: NO SUPPLEMENT

Supplement File Status: NO SUPPLEMENT FILE

FMSF Staffer: \_\_\_\_\_

Computer Entry Date: 5/1/2008

SHPO's Evaluation of Resource

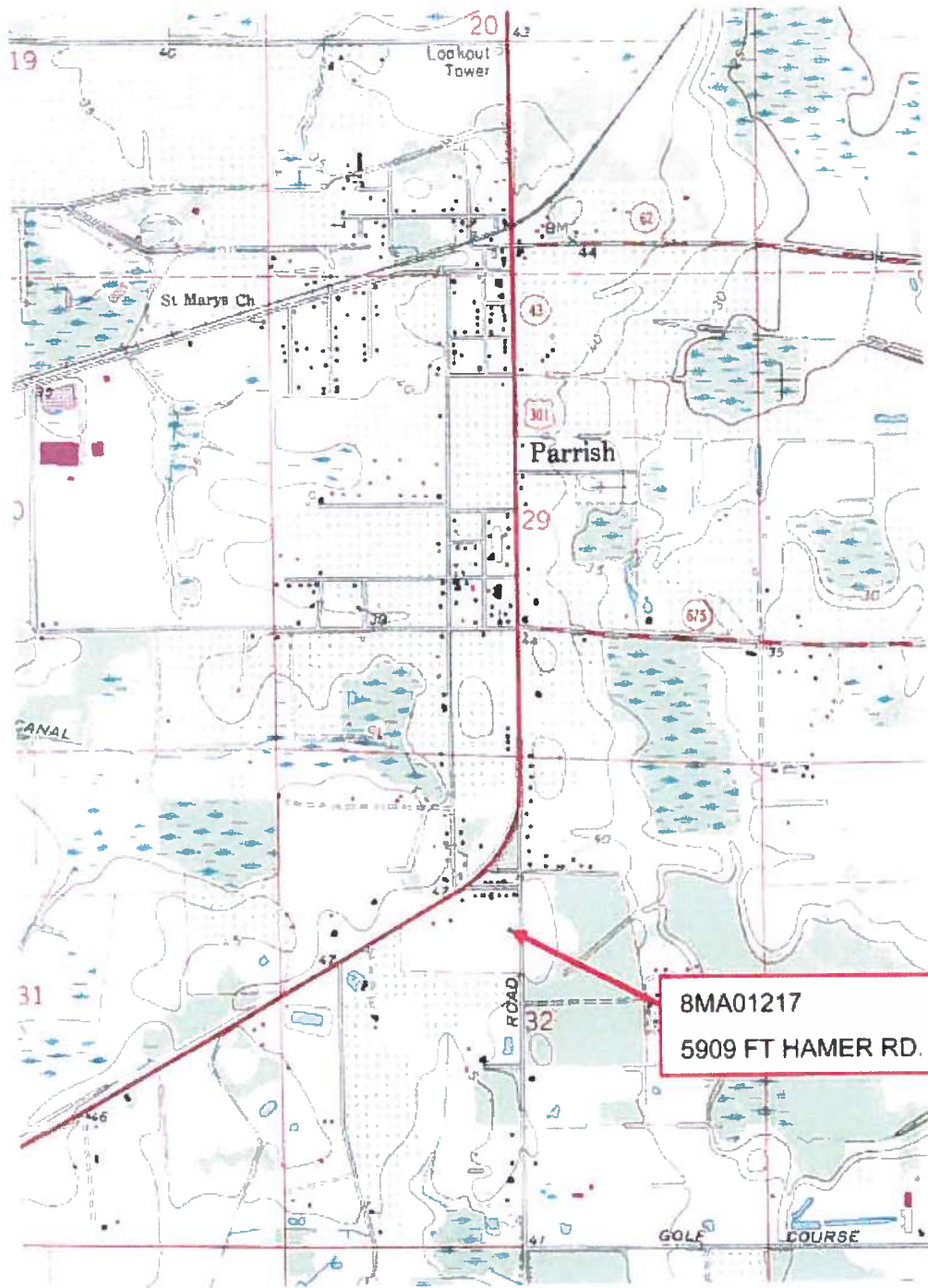
\_\_\_\_\_ Date \_\_\_\_\_

Form Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### REQUIRED PAPER ATTACHMENTS

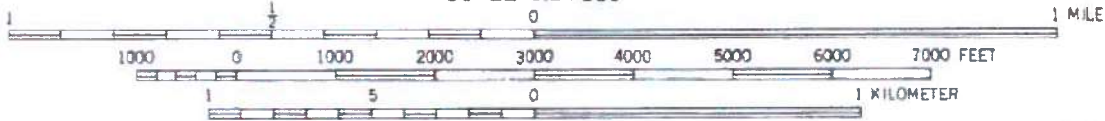
- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"





USGS Parrish (FL) Quadrangle 1987

SCALE 1:24 000



**5909 FT HAMER RD. PARRISH, FL 34219**

**8MA01217**



# ARCHAEOLOGICAL CONSULTANTS INC.

ARCHAEOLOGICAL  
SURVEYS AND  
EXCAVATIONS

HISTORIC BUILDING  
SURVEYS AND  
EVALUATIONS

ARCHIVAL RESEARCH

CULTURAL RESOURCE  
ASSESSMENTS

NATIONAL REGISTER  
NOMINATIONS

INTERPRETIVE  
DISPLAYS

PRESERVATION  
PLANNING

May 25, 2011

Mr. Vincent Birdsong  
Florida Master Site File  
Division of Historic Resources  
R.A. Gray Building  
500 South Bronough Street  
Tallahassee, FL 32399-0250

RE: Historic Resource Status

Dear Mr. Birdsong:

This letter is to inform you that background research and a recent field reconnaissance survey, conducted in May 2011, has discovered that the following property:

8MA1218	5925 Fort Hamer Road
---------	----------------------

is no longer extant at its recorded location since it was last recorded.

Sincerely,

Marielle Lumang  
Architectural Historian

*Florida's First Choice  
in Cultural Resource  
Management*

A MEMBER OF

ACRA

American Cultural  
Resource Association



# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

Site # MA01220  
 Recorder # 486910003  
 Field Date 6/6/2008  
 Form Date 6/14/2008  
 FormNo 200806  
 FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? NO

## GENERAL INFORMATION

Site Name (address if none) HSBC Bank USA Multiple Listing (DHR only) \_\_\_\_\_  
 Other Names \_\_\_\_\_ >> \_\_\_\_\_  
 Survey or Project Name Manatee Co. Historical Structures Survey Phase 1 Survey# \_\_\_\_\_  
 National Register Category Building(s)

## LOCATION & IDENTIFICATION

### Address

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>12116</u>		<u>60th</u>	<u>Street</u>	<u>East</u>

Cross Streets (nearest/ between) Between Ft. Hamer Rd. & US 301  
 City / Town (within 3 miles) Parrish, FL 34219 In Current City Limits? \_\_\_\_\_  
 County Manatee Tax Parcel #(s) 486910003  
 Subdivision Name English Villa PB4/103 Block \_\_\_\_\_ Lot 20  
 Ownership Unknown  
 Name of Public Tract (e.g., park) \_\_\_\_\_  
 Route to (especially if no street address) Between Ft. Hamer Rd. & US 301 on North

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date \_\_\_\_\_ >> PARRISH, 1987  
 Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 section: \_\_\_\_\_ >> 33S, 19E, 32, NW  
 Irregular Section Name: \_\_\_\_\_  
 Landgrant \_\_\_\_\_  
 UTM: Zone 17 Easting 359220 Northing 3050030  
 Plat or Other Map (map's name, location) \_\_\_\_\_ Plat Book 4, Page 103

## DESCRIPTION

Style Frame Vernacular Other Style \_\_\_\_\_  
 Exterior Plan Rectangular Other Exterior Plan \_\_\_\_\_  
 Number of Stories 1  
 Structural System(s) \_\_\_\_\_ >> Wood frame  
 Other Structural System(s) \_\_\_\_\_  
 Foundation Type(s) \_\_\_\_\_ >> Continuous  
 Other Foundation Types \_\_\_\_\_  
 Foundation Material(s) \_\_\_\_\_ >> Concrete Block  
 Other Foundation Material(s) concrete masonry  
 Exterior Fabric(s) \_\_\_\_\_ >> Asbestos  
 Other Exterior Fabric(s) V groove plywood  
 Roof Type(s) \_\_\_\_\_ >> Gable  
 Other Roof Type(s) shed  
 Roof Material(s) \_\_\_\_\_ >> Composition shingles  
 Other Roof Material(s) Asphalt shingles  
 Roof Secondary Structure(s) (dormers etc) \_\_\_\_\_ >> Other  
 Other Roof Secondary Structure(s) Metal turbin vent  
 Number of Chimneys 1  
 Chimney Material Brick  
 Other Chimney Material(s) \_\_\_\_\_  
 Chimney Location(s) Exterior West wall

# HISTORICAL STRUCTURE FORM

8MA01220

## DESCRIPTION (continued)

Window Descriptions 6/6 Single hung aluminum, 1/1 Single hung aluminum

Main Entrance Description (stylistic details) Single door at concrete steps

Porches: #open 1 #closed      #incised      Location(s) South

Porch Roof Types(s) Gable

Exterior Ornament Louvered gable Vent

Interior Plan Unknown

Other Interior Plan     

Condition Good

### Structure Surroundings

Commercial:      Residential: MOSTly this category

Institutional:      Undeveloped: SOME of this category

Ancillary Features (Number / type of outbuildings, major landscape features) c. 1970 shed roofed carport enclosed, East of main house.

Archaeological Remains (describe): None

If archaeological remains are present, was an Archaeological Site Form completed?     

Narrative Description (optional) The front porch of this residence has been rebuilt and the carport has been infilled. Windows have been replaced and vinyl siding has been added to the exterior walls.

## HISTORY

Construction year 1936

Architect (last name first): Unknown

Builder (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
----------------	----------------	-------------------	------------------------

>>	Altered-not to standards; 1970c; carport enclosed, windows replaced, vinyl		
----	--	--	--

### Structure Use History

Use	Year Use Started	Year Use Ended	>>
-----	------------------	----------------	----

Other Structure Uses			Home--private;;
----------------------	--	--	-----------------

Ownership History (especially original owner, dates, profession, etc.) Evelyn Taylor 1931-1993; Frank Perry 1993-2000; George Perry 2000; Christopher Coker 2000-2005; John Desear 2005-2007; HSBC Bank 2007-current

## RESEARCH METHODS

Research Methods      >> Examine local tax records

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register?	<u>YES</u>	Name of Local Register If Eligible	<u>Parrish Historic District</u>
Individually Eligible for National Register?	<u>NO</u>		
Potential Contributor to NR District?	<u>NO</u>		

Area(s) of historical significance      >> Architecture

Other Historical Associations     

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Register criteria for listing as a cultural resource.

# HISTORICAL STRUCTURE FORM

BMA01220

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF, Including Field Notes, Plans, Other Important Documents

Document type: \_\_\_\_\_

Maintaining Organization: \_\_\_\_\_

File or Accession #: \_\_\_\_\_

Descriptive Information: \_\_\_\_\_

>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John T.

Recorder Address / Phone 1609 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33703 (727)821-2986

Recorder Affiliation \_\_\_\_\_ Other Affiliation Renker Eich Parks Architects, Inc.

Is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## \*\*\*\*\* MASTER SITE FILE USE ONLY \*\*\*\*\*

Cultural Resource Type: SS  
Electronic Form Used: S110

Form Type Code: NORM  
Form Quality Ranking: NEW  
Form Status Code: SCAT

Supplement Information Status: NO SUPPLEMENT  
Supplement File Status: NO SUPPLEMENT FILE

FMSF Staffer: \_\_\_\_\_  
Computer Entry Date: 2/7/2008

Form Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SHPO's Evaluation of Resource

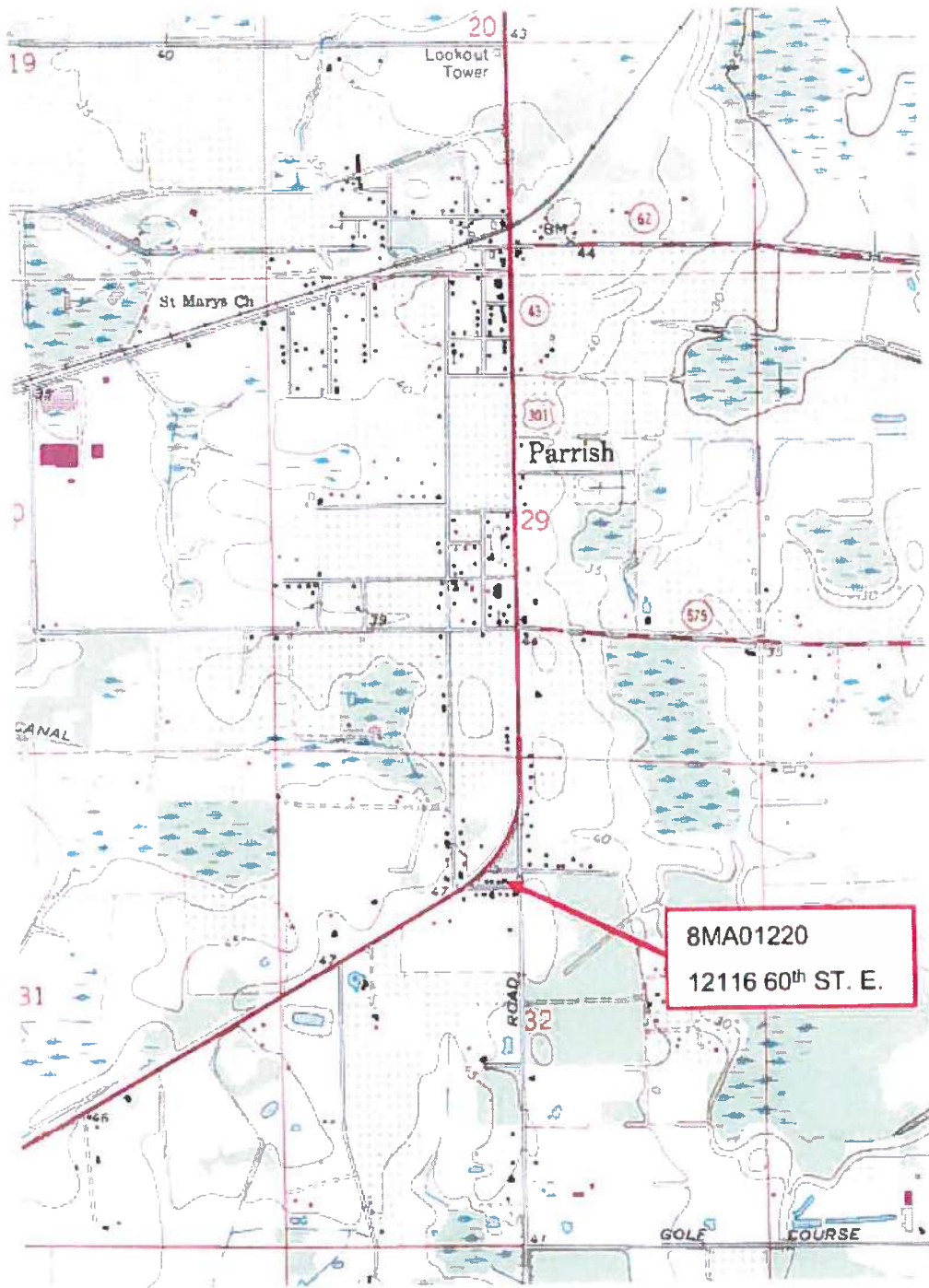
\_\_\_\_\_ Date \_\_\_\_\_

### **REQUIRED PAPER ATTACHMENTS**

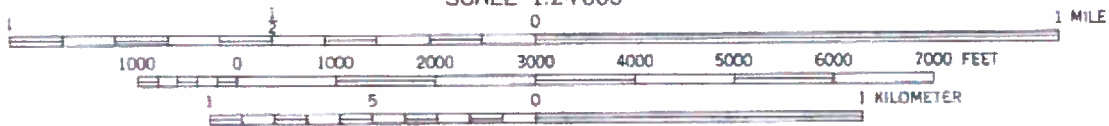
- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"







USGS Parrish (FL) Quadrangle 1987  
SCALE 1:24 000



**12116 60<sup>TH</sup> ST. E. PARRISH, FL 34219**

**8MA01220**



# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

Site # MA01222  
 Recorder # 478900004  
 Field Date 4/25/2008  
 Form Date 5/1/2008  
 FormNo 200804  
 FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? NO

## GENERAL INFORMATION

Site Name (address if none) Williams, Joey Lynn Multiple Listing (DHR only) \_\_\_\_\_  
 Other Names \_\_\_\_\_ >> \_\_\_\_\_  
 Survey or Project Name Manatee Co. Historical Structures Survey Phase I Survey# \_\_\_\_\_  
 National Register Category Building(s)

## LOCATION & IDENTIFICATION

### Address

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>6104</u>		<u>Ft. Hamer</u>	<u>Road</u>	

Cross Streets (nearest/ between) Nearest Doris Rd.  
 City / Town (within 3 miles) Parrish, FL 34219 In Current City Limits? \_\_\_\_\_  
 County Manatee Tax Parcel #(s) 478900004  
 Subdivision Name N/A Block \_\_\_\_\_ Lot \_\_\_\_\_  
 Ownership \_\_\_\_\_  
 Name of Public Tract (e.g., park) \_\_\_\_\_  
 Route to (especially if no street address) North of Doris Rd. on Ft. Hamer on East side.

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date >> PARRISH;1987  
 Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 section: \_\_\_\_\_ >> 338 ; 19E ; 32; NE  
 Irregular Section Name: \_\_\_\_\_  
 Landgrant \_\_\_\_\_  
 UTM: Zone 17 Easting 359290 Northing 3050080  
 Plat or Other Map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style Frame Vernacular Other Style \_\_\_\_\_  
 Exterior Plan Rectangular Other Exterior Plan \_\_\_\_\_  
 Number of Stories 1  
 Structural System(s) >> Wood frame  
 Other Structural System(s) \_\_\_\_\_  
 Foundation Type(s) >> Piers  
 Other Foundation Types Continuous  
 Foundation Material(s) >> Poured Concrete Footing  
 Other Foundation Material(s) Concrete Block  
 Exterior Fabric(s) >> Vinyl  
 Other Exterior Fabric(s) \_\_\_\_\_  
 Roof Type(s) >> Gable  
 Other Roof Type(s) \_\_\_\_\_  
 Roof Material(s) >> Asphalt Shingles  
 Other Roof Material(s) \_\_\_\_\_  
 Roof Secondary Structure(s) (dormers etc) >> Not applicable  
 Other Roof Secondary Structure(s) \_\_\_\_\_  
 Number of Chimneys 0  
 Chimney Material \_\_\_\_\_  
 Other Chimney Material(s) \_\_\_\_\_  
 Chimney Location(s) \_\_\_\_\_

# HISTORICAL STRUCTURE FORM

8MA01222

## DESCRIPTION (continued)

Window Descriptions SHS-Metal rectangular 8/8 & 4/4

Main Entrance Description (stylistic details) Modern 6 panel w/ concrete steps.

Porches: #open \_\_\_\_\_ #closed \_\_\_\_\_ #incised \_\_\_\_\_ Location(s) \_\_\_\_\_

Porch Roof Types(s) \_\_\_\_\_

Exterior Ornament None

Interior Plan \_\_\_\_\_

Other Interior Plan \_\_\_\_\_

Condition Good

### Structure Surroundings

Commercial: \_\_\_\_\_ Residential: MOSTly this category

Institutional: \_\_\_\_\_ Undeveloped: SOME of this category

Ancillary Features (Number /type of outbuildings, major landscape features) Two metal sheds (small) and (1) large pole barn w/ metal roof & siding.

Archaeological Remains (describe): None evident

If archaeological remains are present, was an Archaeological Site Form completed? \_\_\_\_\_

Narrative Description (optional) This residence has been heavily modified. Both the front door and windows have been replaced. Vinyl siding has also been added to the exterior

## HISTORY

Construction year 1950

Architect (last name first): Unknown

Builder (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
----------------	----------------	-------------------	------------------------

>> <u>Altered-not to standards;;</u>			<u>Recently installed siding &amp; windows</u>
--------------------------------------	--	--	--

### Structure Use History

Use	Year Use Started	Year Use Ended	
-----	------------------	----------------	--

			>> <u>Home--private;;</u>
--	--	--	---------------------------

Other Structure Uses \_\_\_\_\_

Ownership History (especially original owner, dates, profession, etc.) Unknown

## RESEARCH METHODS

Research Methods \_\_\_\_\_ >> Windshield

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register? NO

NO

Name of Local Register If Eligible Parrish Historic District

Individually Eligible for National Register? NO

NO

Potential Contributor to NR District? NO

NO

Area(s) of historical significance \_\_\_\_\_ >> \_\_\_\_\_

Other Historical Associations \_\_\_\_\_

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Register criteria for listing as a cultural resource.

# HISTORICAL STRUCTURE FORM

8MA01222

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF Including Field Notes, Plans, other Important Documents

Document type: \_\_\_\_\_ Maintaining Organization: \_\_\_\_\_

File or Accession #: \_\_\_\_\_ Descriptive Information: \_\_\_\_\_

>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John

Recorder Address / Phone 1601 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33703 727-821-2986

Recorder Affiliation \_\_\_\_\_ Other Affiliation Renker Eich Parks Architects, Inc.

Is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## MASTER SITE FILE USE ONLY

Cultural Resource Type: SB

Electronic Form Used: 5110

Form Type Code: NORM

Form Quality Ranking: NEW

Form Status Code: SCAT

Supplement Information Status: NO SUPPLEMENT

Supplement File Status: NO SUPPLEMENT FILE

FMSF Staffer: \_\_\_\_\_

Computer Entry Date: 5/1/2008

SHPO's Evaluation of Resource

\_\_\_\_\_ Date \_\_\_\_\_

Form Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### REQUIRED PAPER ATTACHMENTS

- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"



MAIN FACADE

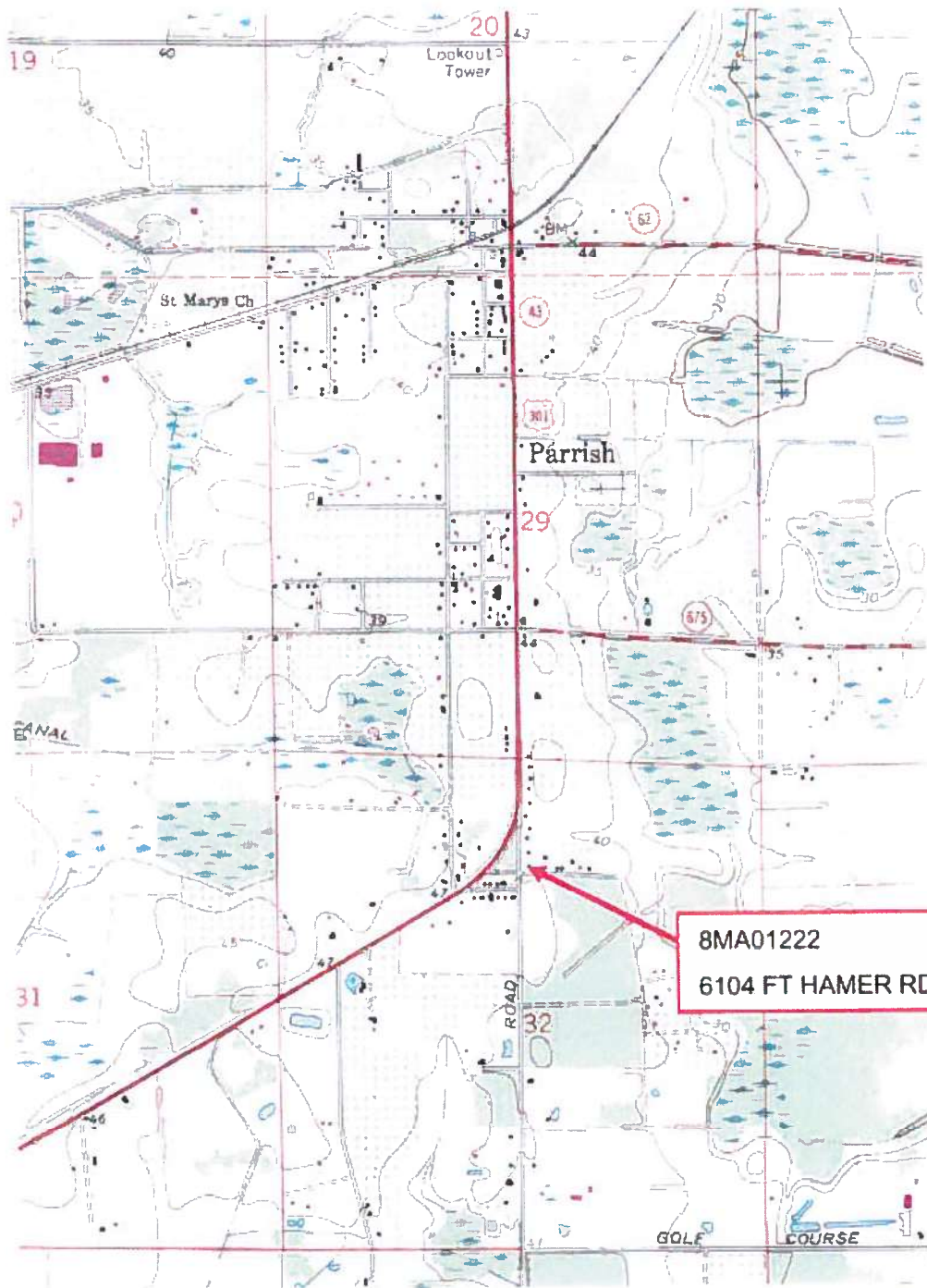


LARGE SCALE STREET MAP



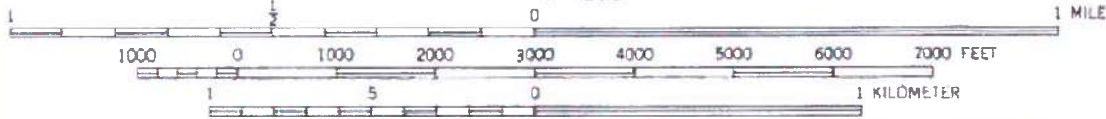
6104 FT HAMER RD. PARRISH, FL 34219

8MA01222



8MA01222  
6104 FT HAMER RD.

USGS Parrish (FL) Quadrangle 1987  
SCALE 1:24 000



**6104 FT HAMER RD. PARRISH, FL 34219**

**8MA01222**



# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

Site #8 MA01223  
 Recorder # 479300006  
 Field Date 4/25/2008  
 Form Date 5/1/2008  
 FormNo 200804  
 FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? NO

## GENERAL INFORMATION

Site Name (address if none) Hartung, Claudia Multiple Listing (DHR only) \_\_\_\_\_  
 Other Names \_\_\_\_\_ >> \_\_\_\_\_  
 Survey or Project Name Manatee Co. Historical Structures Survey Phase I Survey# \_\_\_\_\_  
 National Register Category Building(s)

## LOCATION & IDENTIFICATION

### Address

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>6108</u>		<u>Ft. Hamer</u>	<u>Road</u>	

Cross Streets (nearest/ between) Between Doris Rd. & US 301 N.  
 City/Town (within 3 miles) Parrish, FL 34219 In Current City Limits? YES  
 County Manatee Tax Parcel #(s) 479300006  
 Subdivision Name N/A Block \_\_\_\_\_ Lot \_\_\_\_\_  
 Ownership Private Individual  
 Name of Public Tract (e.g., park) \_\_\_\_\_  
 Route to (especially if no street address) Between Doris Rd. & US 301 N. on East side of Ft. Hamer Rd.

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date >> PARRISH; 1987  
 Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 section: \_\_\_\_\_ >> 33S ; 19E ; 32; NE  
 Irregular Section Name: \_\_\_\_\_  
 Landgrant \_\_\_\_\_  
 UTM: Zone 17 Easting 359290 Northing 3050130  
 Plat or Other Map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style Frame Vernacular Other Style \_\_\_\_\_  
 Exterior Plan Irregular Other Exterior Plan \_\_\_\_\_  
 Number of Stories 1  
 Structural System(s) >> Wood frame  
 Other Structural System(s) \_\_\_\_\_  
 Foundation Type(s) >> Continuous  
 Other Foundation Types \_\_\_\_\_  
 Foundation Material(s) >> Poured Concrete Footing  
 Other Foundation Material(s) Concrete Masonry Units  
 Exterior Fabric(s) >> Vinyl  
 Other Exterior Fabric(s) \_\_\_\_\_  
 Roof Type(s) >> Shed  
 Other Roof Type(s) Shed  
 Roof Material(s) >> Asphalt Shingles  
 Other Roof Material(s) Composition Roll  
 Roof Secondary Structure(s) (dormers etc) >> Not applicable  
 Other Roof Secondary Structure(s) \_\_\_\_\_  
 Number of Chimneys 0  
 Chimney Material \_\_\_\_\_  
 Other Chimney Material(s) \_\_\_\_\_  
 Chimney Location(s) \_\_\_\_\_

# HISTORICAL STRUCTURE FORM

8MA01223

## DESCRIPTION (continued)

Window Descriptions Awning - Metal - Rectangular 8 lite, Plate Glass w/SHS side windows, SHS rectangular 1/1

Main Entrance Description (stylistic details) Modern multi-panel wood door with concrete steps & wood shed roof hood.

Porches: #open \_\_\_\_\_ #closed 1 #incised \_\_\_\_\_ Location(s) Northeast

Porch Roof Type(s) Metal

Exterior Ornament Non-operating decorative wood shutters

Interior Plan \_\_\_\_\_ Other Interior Plan \_\_\_\_\_

Condition Fair

### Structure Surroundings

Commercial: \_\_\_\_\_ Residential: MOSTly this category

Institutional: \_\_\_\_\_ Undeveloped: SOME of this category

Ancillary Features (Number / type of outbuildings, major landscape features) Wood carport and enclosed storage / shop area with shed roof.

Archaeological Remains (describe): None evident

If archaeological remains are present, was an Archaeological Site Form completed? \_\_\_\_\_

Narrative Description (optional) This residence has been heavily modified. Both the front door and windows have been replaced. Vinyl siding has also been added to the exterior.

## HISTORY

Construction year 1950

Architect (last name first): Unknown

Builder (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
----------------	----------------	-------------------	------------------------

>> <u>Altered-not to standards;;;Windows &amp; Door replaced</u>
--

### Structure Use History

Use	Year Use Started	Year Use Ended	
-----	------------------	----------------	--

Other Structure Uses			>> <u>Home--private;;</u>
----------------------	--	--	---------------------------

Ownership History (especially original owner, dates, profession, etc.) \_\_\_\_\_

## RESEARCH METHODS

Research Methods \_\_\_\_\_ >> Windshield

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register? YES Name of Local Register if Eligible Parrish Historic District  
Individually Eligible for National Register? NO  
Potential Contributor to NR District? NO

Area(s) of historical significance \_\_\_\_\_ >> Architecture

Other Historical Associations \_\_\_\_\_

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Register criteria for listing as a cultural resource.



# HISTORICAL STRUCTURE FORM

8MA01223

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF Including Field Notes, Plans, other Important Documents

Document type: \_\_\_\_\_ Maintaining Organization: \_\_\_\_\_  
File or Accession #: \_\_\_\_\_ Descriptive Information: \_\_\_\_\_  
>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John T.  
Recorder Address / Phone 1601 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33703 727-821-2986  
Recorder Affiliation \_\_\_\_\_ Other Affiliation Renker Eich Parks Architects, Inc.  
Is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## MASTER SITE FILE USE ONLY

Cultural Resource Type: <u>SS</u>	SHPO's Evaluation of Resource _____ Date _____
Electronic Form Used: <u>S110</u>	
Form Type Code: <u>NORM</u>	
Form Quality Ranking: <u>REN</u>	
Form Status Code: <u>SCAT</u>	
Supplement Information Status: <u>NO SUPPLEMENT</u>	FMSF Staffer: _____
Supplement File Status: <u>NO SUPPLEMENT FILE</u>	Computer Entry Date: <u>5/1/2008</u>
Form Comments: _____	

### REQUIRED PAPER ATTACHMENTS

- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"



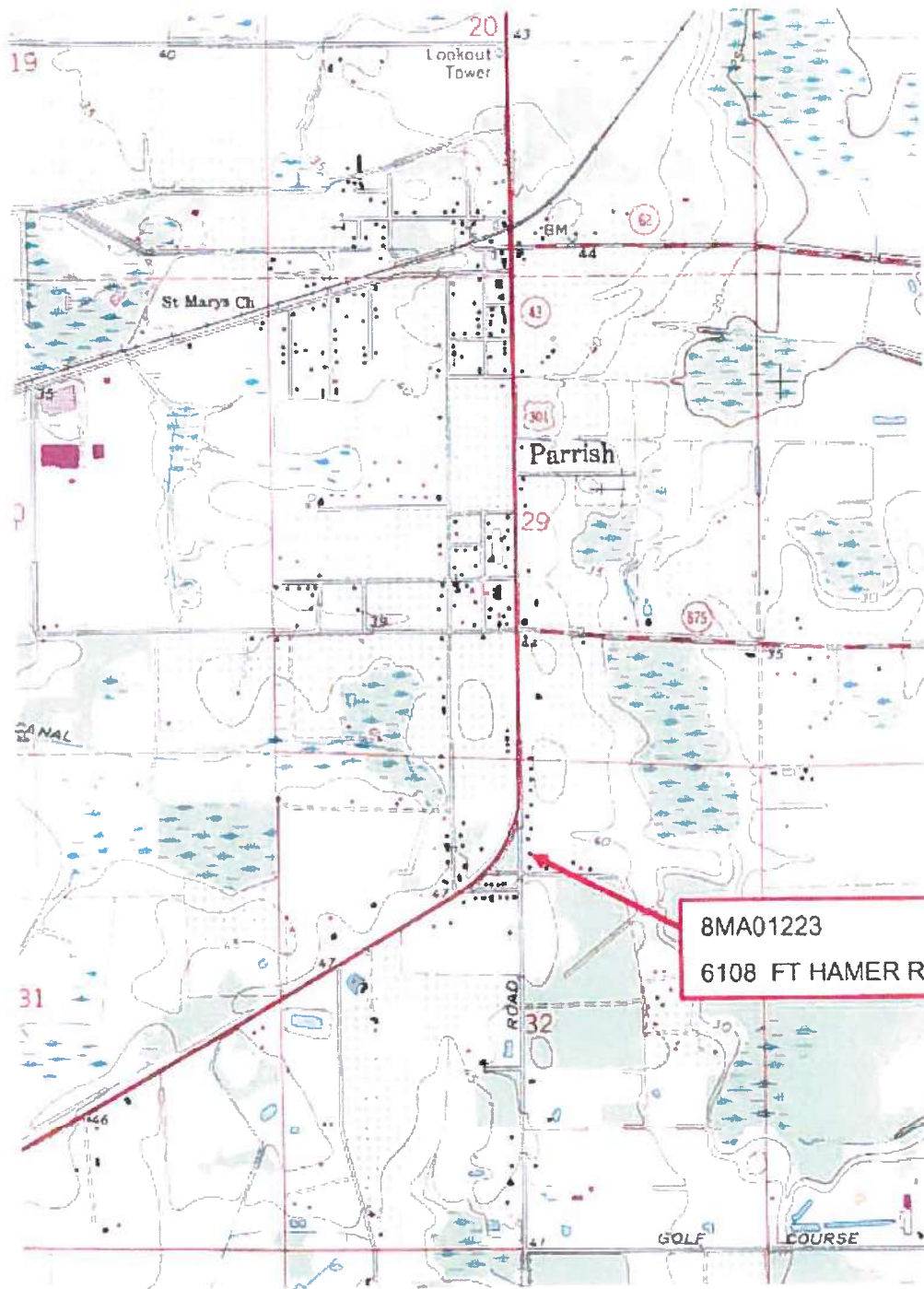
MAIN FACADE



LARGE SCALE STREET MAP

6108 FT HAMER RD. PARRISH, FL 34219

8MA01223



8MA01223  
6108 FT HAMER RD.

USGS Parrish (FL) Quadrangle 1987  
SCALE 1:24 000



6108 FT HAMER RD. PARRISH, FL 34219

8MA01223



# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

Site #8 MA01224  
 Recorder # 479100059  
 Field Date 4/25/2008  
 Form Date 5/1/2008  
 FormNo 200804  
 FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? NO

## GENERAL INFORMATION

Site Name (address if none) Tam, Robin T. Multiple Listing (DHR only) \_\_\_\_\_  
 Other Names \_\_\_\_\_ >> \_\_\_\_\_  
 Survey or Project Name Manatee Co. Historical Structures Survey Phase I Survey# \_\_\_\_\_  
 National Register Category Building(s)

## LOCATION & IDENTIFICATION

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>6112</u>		<u>Ft. Hamer</u>	<u>Road</u>	

Cross Streets (nearest/ between) Between Doris Rd. & US 301 N.  
 City / Town (within 3 miles) Parrish, FL 34219 In Current City Limits? \_\_\_\_\_  
 County Manatee Tax Parcel #(s) 479100059  
 Subdivision Name N/A Block \_\_\_\_\_ Lot \_\_\_\_\_  
 Ownership Private Individual  
 Name of Public Tract (e.g., park) \_\_\_\_\_  
 Route to (especially if no street address) Between Doris Rd. & US 301 N. on East side of Ft. Hamer Rd.

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date >> PARRISH;1987  
 Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 section: >> 33S ;19E ;32;NE  
 Irregular Section Name: \_\_\_\_\_  
 Landgrant \_\_\_\_\_  
 UTM: Zone 17 Easting 359290 Northing 3050160  
 Plat or Other Map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style Frame Vernacular Other Style \_\_\_\_\_  
 Exterior Plan Irregular Other Exterior Plan \_\_\_\_\_  
 Number of Stories 1  
 Structural System(s) >> Wood frame  
 Other Structural System(s) \_\_\_\_\_  
 Foundation Type(s) >> Unknown  
 Other Foundation Types \_\_\_\_\_  
 Foundation Material(s) >> Unspecified  
 Other Foundation Material(s) \_\_\_\_\_  
 Exterior Fabric(s) >> Vinyl  
 Other Exterior Fabric(s) \_\_\_\_\_  
 Roof Type(s) >> Gable  
 Other Roof Type(s) Shed  
 Roof Material(s) >> Asphalt Shingles  
 Other Roof Material(s) \_\_\_\_\_  
 Roof Secondary Structure(s) (dormers etc) >> Not applicable  
 Other Roof Secondary Structure(s) \_\_\_\_\_  
 Number of Chimneys 1  
 Chimney Material Brick  
 Other Chimney Material(s) \_\_\_\_\_  
 Chimney Location(s) East Exterior

# HISTORICAL STRUCTURE FORM

BMA01224

## DESCRIPTION (continued)

Window Descriptions SHS-Metal rectangular 2/2

Main Entrance Description (stylistic details) Glazed lunette over 4 vertical panel door on open porch with concrete steps.

Porches: #open 2 #closed      #incised      Location(s)     

Porch Roof Type(s) 1 gable / 1 shed

Exterior Ornament Louvered vent in gable

Interior Plan      Other Interior Plan     

Condition Good

### Structure Surroundings

Commercial:      Residential: MOSTly this category

Institutional:      Undeveloped: SOME of this category

Ancillary Features (Number / type of outbuildings, major landscape features) Modern metal shed.

Archaeological Remains (describe): None evident

if archaeological remains are present, was an Archaeological Site Form completed?     

Narrative Description (optional) Modifications to this residence include the replacement of the porch roof and railing and replacement of windows. Lattice has been added at the crawl space and Vinyl siding has been added to the exterior walls.

## HISTORY

Construction year 1940

Architect (last name first): Unknown Builder (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
>>			<u>Altered-not to standards;; Windows, vinyl siding add, Porch rail rep.</u>

### Structure Use History

Use	Year Use Started	Year Use Ended	>>
			<u>Home--private;;</u>
Other Structure Uses <u>    </u>			

Ownership History (especially original owner, dates, profession, etc.) Unknown

## RESEARCH METHODS

Research Methods      >> Windshield

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register? NO Name of Local Register If Eligible Parrish Historic District  
Individually Eligible for National Register? NO  
Potential Contributor to NR District? NO

Area(s) of historical significance      >>     

Other Historical Associations     

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Register criteria for listing as a cultural resource.

# HISTORICAL STRUCTURE FORM

8MA01224

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF (including Field Notes, Plans, other important Documents)

Document type: \_\_\_\_\_ Maintaining Organization: \_\_\_\_\_

File or Accession #: \_\_\_\_\_ Descriptive Information: \_\_\_\_\_

>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John T.

Recorder Address / Phone 1601 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33703 727-821-2986

Recorder Affiliation \_\_\_\_\_ Other Affiliation Renker Eich Parks Architects, Inc.

Is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## MASTER SITE FILE USE ONLY

Cultural Resource Type: SS  
Electronic Form Used: S110  
Form Type Code: NORM  
Form Quality Ranking: NEW  
Form Status Code: SCAT

SHPO's Evaluation of Resource

\_\_\_\_\_ Date \_\_\_\_\_

Supplement Information Status: NO SUPPLEMENT  
Supplement File Status: NO SUPPLEMENT FILE

FMSF Staffer: \_\_\_\_\_  
Computer Entry Date: 5/1/2008

Form Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### REQUIRED PAPER ATTACHMENTS

- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"



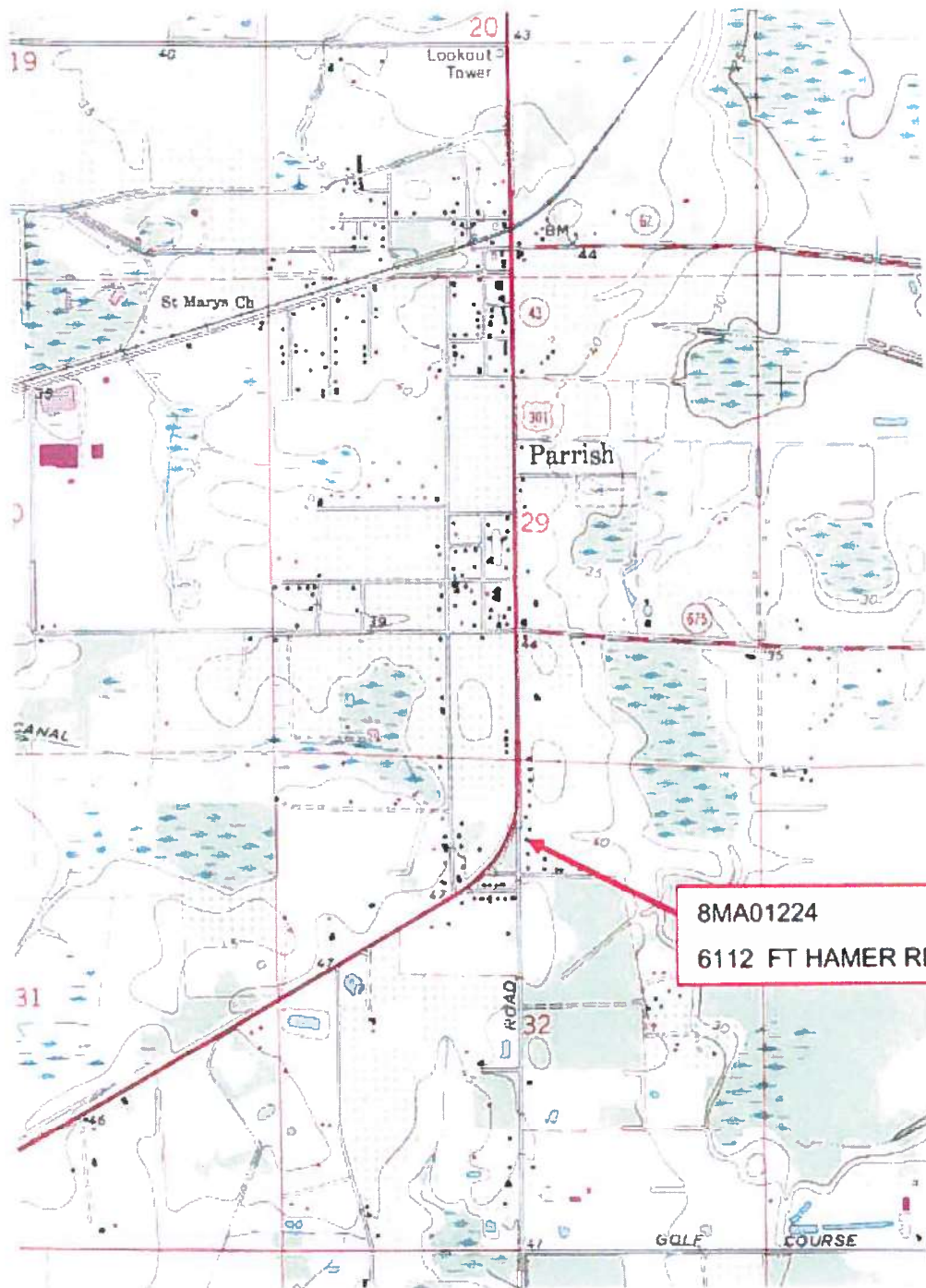
MAIN FACADE



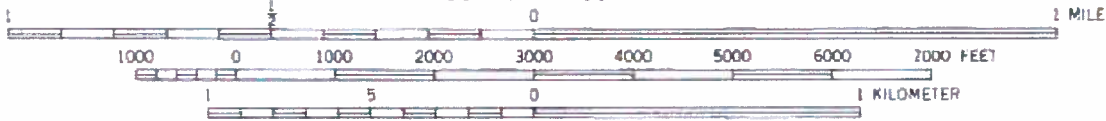
LARGE SCALE STREET MAP

6112 FT HAMER RD. PARRISH, FL 34219

8MA01224



USGS Parrish (FL) Quadrangle 1987  
SCALE 1:24 000



**6112 FT HAMER RD. PARRISH, FL 34219**

**8MA01224**





# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

Site #8 MA01225  
 Recorder # 478400005  
 Field Date 4/25/2008  
 Form Date 5/1/2008  
 FormNo 200804  
 FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? NO

## GENERAL INFORMATION

Site Name (address if none) Schell, Joan K. Multiple Listing (DHR only) \_\_\_\_\_  
 Other Names \_\_\_\_\_ >> \_\_\_\_\_  
 Survey or Project Name Manatee Co. Historical Structures Survey Phase I Survey# \_\_\_\_\_  
 National Register Category Building(s)

## LOCATION & IDENTIFICATION

Address \_\_\_\_\_

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>6204</u>		<u>Ft. Hamer</u>	<u>Road</u>	

Cross Streets (nearest/ between) Between Doris Rd. & US 301 N.  
 City / Town (within 3 miles) Parrish, FL 34219 In Current City Limits? \_\_\_\_\_  
 County Manatee Tax Parcel #(s) 478400005  
 Subdivision Name N/A Block \_\_\_\_\_ Lot \_\_\_\_\_  
 Ownership Private Individual  
 Name of Public Tract (e.g., park) \_\_\_\_\_  
 Route to (especially if no street address) Between Doris Rd. & US 301 N. on East side of Ft. Hamer Rd.

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date >> PARRISH, 1987  
 Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 section: \_\_\_\_\_ >> 33E ; 19E ; 32; NE  
 Irregular Section Name: \_\_\_\_\_  
 Landgrant \_\_\_\_\_  
 UTM: Zone 17 Easting 359300 Northing 3050210  
 Plat or Other Map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style Frame Vernacular Other Style \_\_\_\_\_  
 Exterior Plan Irregular Other Exterior Plan \_\_\_\_\_  
 Number of Stories 1  
 Structural System(s) >> Wood frame  
 Other Structural System(s) \_\_\_\_\_  
 Foundation Type(s) >> Piers  
 Other Foundation Types \_\_\_\_\_  
 Foundation Material(s) >> Concrete Block  
 Other Foundation Material(s) \_\_\_\_\_  
 Exterior Fabric(s) >> Vinyl  
 Other Exterior Fabric(s) \_\_\_\_\_  
 Roof Type(s) >> Gable  
 Other Roof Type(s) Shed  
 Roof Material(s) >> Asphalt Shingles  
 Other Roof Material(s) Metal  
 Roof Secondary Structure(s) (dormers etc) >> Not applicable  
 Other Roof Secondary Structure(s) \_\_\_\_\_  
 Number of Chimneys 0  
 Chimney Material \_\_\_\_\_  
 Other Chimney Material(s) \_\_\_\_\_  
 Chimney Location(s) \_\_\_\_\_

# HISTORICAL STRUCTURE FORM

8MA01225

## DESCRIPTION (continued)

Window Descriptions Single and Double unit Jalousie

Main Entrance Description (stylistic details) \_\_\_\_\_

Porches: #open \_\_\_\_\_ #closed 1 #incised \_\_\_\_\_ Location(s) \_\_\_\_\_

Porch Roof Types(s) Shed

Exterior Ornament None

Interior Plan Unknown

Other Interior Plan \_\_\_\_\_

Condition Fair

### Structure Surroundings

Commercial: \_\_\_\_\_ Residential: MOSTly this category

Institutional: \_\_\_\_\_ Undeveloped: SOME of this category

Ancillary Features (Number / type of outbuildings, major landscape features) Metal Shed

Archaeological Remains (describe): None evident

If archaeological remains are present, was an Archaeological Site Form completed? \_\_\_\_\_

Narrative Description (optional) The existing windows have been replaced with jalousie windows and vinyl siding has been added to the exterior of this residence.

## HISTORY

Construction year 1950

Architect (last name first): Unknown

Bulider (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
>>			<u>Addition;; windows, vinyl siding added, Porch added</u>

### Structure Use History

Use _____	Year Use Started _____	Year Use Ended _____	>> <u>Home-private; ;</u>
Other Structure Uses _____			

Ownership History (especially original owner, dates, profession, etc.) \_\_\_\_\_

## RESEARCH METHODS

Research Methods \_\_\_\_\_ >> Windshield

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register? NO Name of Local Register if Eligible Parrish Historic District

Idividually Eligible for National Register? NO

Potential Contributor to NR District? NO

Area(s) of historical significance \_\_\_\_\_ >> \_\_\_\_\_

Other Historical Associations \_\_\_\_\_

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Refister criteria for lising as a cultural resource.

# HISTORICAL STRUCTURE FORM

8MA01225

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF including Field Notes, Plans, other Important Documents

Document type: \_\_\_\_\_ Maintaining Organization: \_\_\_\_\_

File or Accession #: \_\_\_\_\_ Descriptive Information: \_\_\_\_\_

>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John T.

Recorder Address / Phone 1601 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33703 727-821-2986

Recorder Affiliation \_\_\_\_\_ Other Affiliation Renker Eich Parks Architects, Inc.

is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## MASTER SITE FILE USE ONLY

Cultural Resource Type: SS

Electronic Form Used: S110

Form Type Code: NORM

Form Quality Ranking: NEW

Form Status Code: SCAT

Supplement Information Status: NO SUPPLEMENT

Supplement File Status: NO SUPPLEMENT FILE

FMSF Staffer: \_\_\_\_\_

Computer Entry Date: 5/1/2008

SHPO's Evaluation of Resource

Date \_\_\_\_\_

Form Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### REQUIRED PAPER ATTACHMENTS

- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"



MAIN FACADE

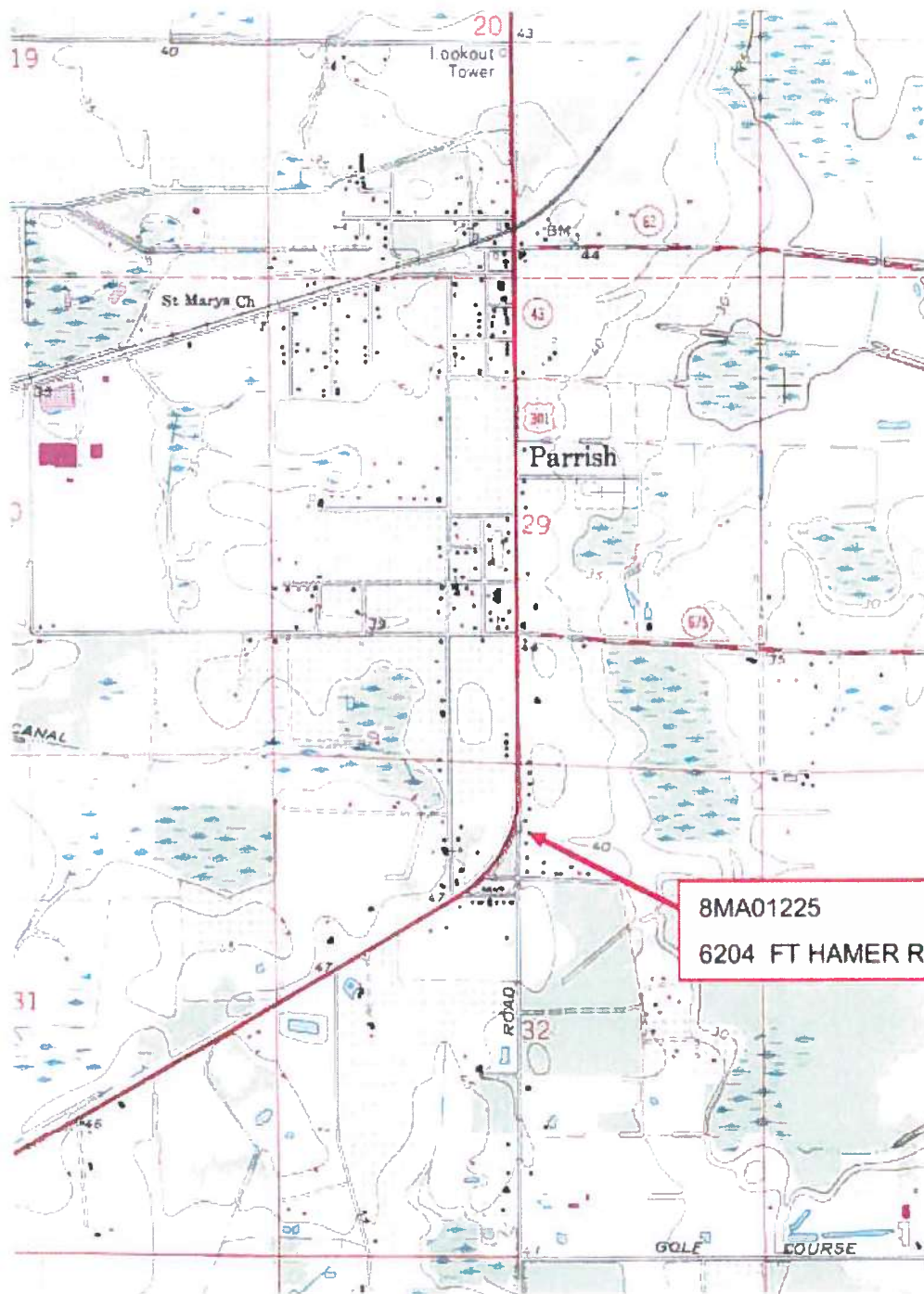


LARGE SCALE STREET MAP

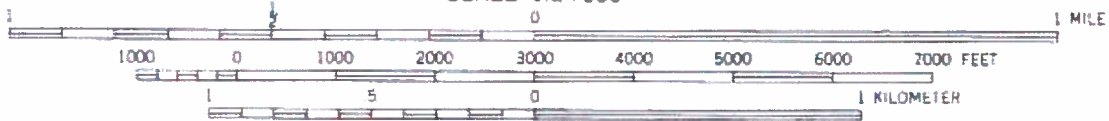


6204 FT HAMER RD. PARRISH, FL 34219

8MA01225



USGS Parrish (FL) Quadrangle 1987  
SCALE 1:24 000



**6204 FT HAMER RD. PARRISH, FL 34219**

**8MA01225**



# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

Site #8 MA01226  
Recorder # 478600000  
Field Date 6/11/2008  
Form Date 6/15/2008  
FormNo 200806  
FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? NO

## GENERAL INFORMATION

Site Name (address if none) Mason, William R. Multiple Listing (DHR only) \_\_\_\_\_  
Other Names \_\_\_\_\_ >> Mason, Karen Lynn  
Survey or Project Name Manatee Co. Historical Structures Survey Phase I Survey# \_\_\_\_\_  
National Register Category Building(s)

## LOCATION & IDENTIFICATION

### Address

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>12129</u>		<u>US 301</u>	<u>Highway</u>	<u>North</u>

Cross Streets (nearest/ between) NE corner of Ft. Hamer Rd. & US 301  
City / Town (within 3 miles) Parrish, FL 34219 In Current City Limits? YES  
County Manatee Tax Parcel #(s) 478600000  
Subdivision Name \_\_\_\_\_ Block \_\_\_\_\_ Lot \_\_\_\_\_  
Ownership Private Individual  
Name of Public Tract (e.g., park) \_\_\_\_\_  
Route to (especially if no street address) NE corner of Ft. Hamer Rd. & US 301 N.

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date >> PARRISH, 1987  
Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: 1/4 section: >> 33S ; 19E ; 327; Vacant / Unknown  
Irregular Section Name: \_\_\_\_\_  
Landgrant \_\_\_\_\_  
UTM: Zone 17 Easting 359300 Northing 3050300  
Plat or Other Map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style Ranch Other Style \_\_\_\_\_  
Exterior Plan Rectangular Other Exterior Plan \_\_\_\_\_  
Number of Stories 1  
Structural System(s) >> Masonry - General  
Other Structural System(s) \_\_\_\_\_  
Foundation Type(s) >> Continuous  
Other Foundation Types \_\_\_\_\_  
Foundation Material(s) >> Other  
Other Foundation Material(s) Concrete masonry  
Exterior Fabric(s) >> Stucco  
Other Exterior Fabric(s) \_\_\_\_\_  
Roof Type(s) >> Gip  
Other Roof Type(s) \_\_\_\_\_  
Roof Material(s) >> Asphalt Shingles  
Other Roof Material(s) \_\_\_\_\_  
Roof Secondary Structure(s) (dormers etc) >> Not applicable  
Other Roof Secondary Structure(s) \_\_\_\_\_  
Number of Chimneys 2  
Chimney Material Concrete block  
Other Chimney Material(s) \_\_\_\_\_  
Chimney Location(s) Interior east slope; Interior east slope

# HISTORICAL STRUCTURE FORM

8MA01226

## DESCRIPTION (continued)

Window Descriptions 9 Steel casement, 12 steel casement, 3 fixed aluminum, 1/1 Single hung aluminum

Main Entrance Description (stylistic details) Single door at front porch

Porches: #open 1 #closed      #incised      Location(s)     

Porch Roof Types(s) Under Main hip roof

Exterior Ornament Porch roof supported w/ decorative metal columns

Interior Plan      Other Interior Plan     

Condition     

### Structure Surroundings

Commercial: MOSTLY this category Residential: SOME of this category

Institutional:      Undeveloped: SOME of this category

Ancillary Features (Number / type of outbuildings, major landscape features)     

Archaeological Remains (describe):     

If archaeological remains are present, was an Archaeological Site Form completed?     

Narrative Description (optional) This rancher built in 1950 is largely intact. The main front window has been replaced.

## HISTORY

Construction year 1950

Architect (last name first): Unknown

Builder (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
>> <u>Altered-not to standards;; Windows replaced</u>			

### Structure Use History

Use      Year Use Started      Year Use Ended      >> Residence--private;;

Other Structure Uses     

Ownership History (especially original owner, dates, profession, etc.) Philip & Nolan S. Faucette 1931-2000; Karen Lynn Harper 2000-2002; Karen Lynn Mason 2002-current

## RESEARCH METHODS

Research Methods      >> Windshield

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register? YES Name of Local Register If Eligible Parrish Historic District

Individually Eligible for National Register? NO

Potential Contributor to NR District? NO

Area(s) of historical significance      >> Architecture

Other Historical Associations     

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Register criteria for listing as a cultural resource.

# HISTORICAL STRUCTURE FORM

8MA01226

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF including Field Notes, Plans, other Important Documents

Document type: \_\_\_\_\_ Maintaining Organization: \_\_\_\_\_

File or Accession #: \_\_\_\_\_ Descriptive Information: \_\_\_\_\_

>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John T.

Recorder Address / Phone 1609 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33704 727-821-2986

Recorder Affiliation \_\_\_\_\_ Other Affiliation Renker Eich Parks Architects, Inc.

Is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## MASTER SITE FILE USE ONLY

Cultural Resource Type: SS

Electronic Form Used: B110

Form Type Code: NORM

Form Quality Ranking: HEH

Form Status Code: SCAT

Supplement Information Status: NO SUPPLEMENT

Supplement File Status: NO SUPPLEMENT FILE

FMSF Staffer: \_\_\_\_\_

Computer Entry Date: 6/3/2008

SHPO's Evaluation of Resource

Date \_\_\_\_\_

Form Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### REQUIRED PAPER ATTACHMENTS

- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"





MAIN FACADE

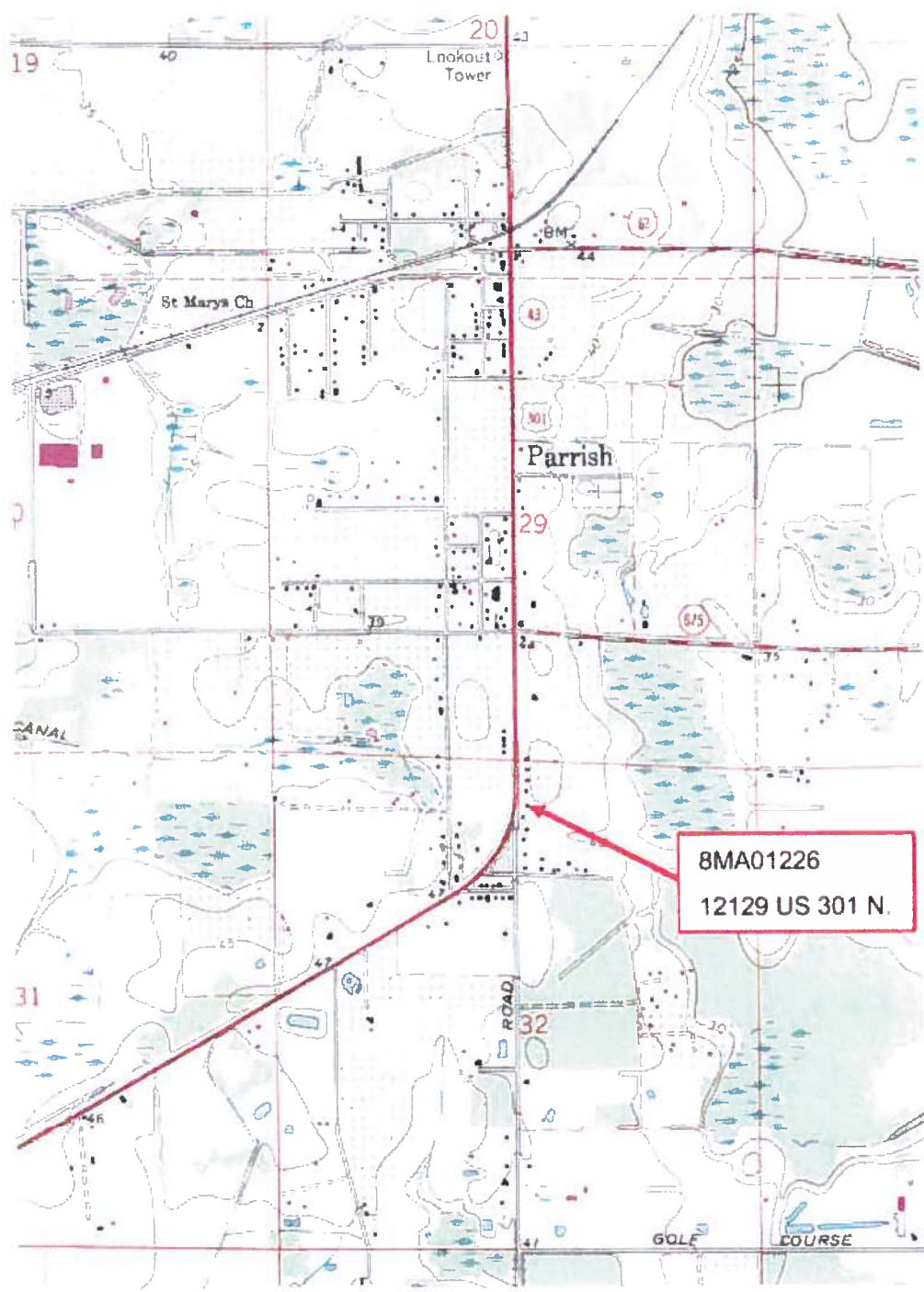


LARGE SCALE STREET MAP

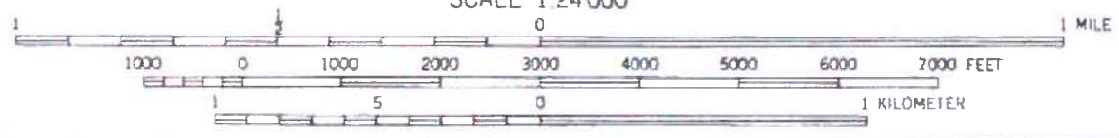


12129 US 301 N. PARRISH, FL 34219

8MA01226



USGS Parrish (FL) Quadrangle 1987  
SCALE 1:24 000



**12129 US 301 N. PARRISH, FL 34219**

**8MA01226**



# Resource Group Form

## Florida Master Site File

### Version 1.0 July, 2000

Site #8MA1472  
Field Date 09/27/06  
Form Date 10/09/06

X Original\*  
 Update\*  
Give site# at right

#### DHR USE ONLY ~~XXXXXXXXXX~~ DHR USE ONLY ~~XXXXXXXXXX~~ DHR USE ONLY

Check the ONE box that best describes the Resource Group:

- A.  **Non-archaeological district** (coded "district" on NR Nomination): buildings and NR structures only: NO archaeological sites
- B.  **Archaeological district** (coded "district" on NR Nomination): archaeological sites only: NO buildings or NR structures
- C.  **Mixed district** (NR category "district"): both (1) archaeological sites and (2) cultural resources other than archaeological sites
- D.  **FMSF building complex** (coded "building(s)" on Nomination): multiple buildings in close spatial and functional association; if this box is checked, as many as possible of the associated buildings must also be listed on the Site File.

Use this form to document an historical district or a "building complex." In each case, multiple individual cultural resources should also be documented at the Site File. *Do not use this form for NR multiple property submissions:* NR multiple property submissions (MPSs) are treated as Site File manuscripts, while individual NR resources and districts listed under a given MPS cover each have the MPS manuscript number field in the "Survey #" field.

Multiple Listing [DHR only] \_\_\_\_\_

Resource Group Name Palmetto Pines Golf Course \_\_\_\_\_ FMSF Survey # \_\_\_\_\_  
Project Name Upper Manatee River Road PD&E \_\_\_\_\_

### LOCATION & IDENTIFICATION

City / Town within 3 miles Parrish \_\_\_\_\_ In Current City Limits? yes X no  
County or Counties (Do not abbreviate) Manatee \_\_\_\_\_  
Ownership Categories (Proportions in public, private profit and private non-profit)\* private profit \_\_\_\_\_

Name of Public Tract (e.g., park) \_\_\_\_\_  
(1) Township 33S, Range 19E, Section 33; (3) Township 34S, Range 19E, Section 03  
(2) Township 33S, Range 19E, Section 34; (4) Township 34S, Range 19E, Section 04  
USGS 7.5' Map (Photocopy OK; show map name, publication date) Parrish, Fla. 1973 \_\_\_\_\_

Landgrant \_\_\_\_\_  
Verbal Description of Boundaries (Description does not replace required map) The boundaries of the resource group are those of the golf course parcel, Manatee County tax parcel #497300004. \_\_\_\_\_

USGS 7.5' Map Names & Dates (Boundaries for district or complex must be plotted on attached photocopy of map) \_\_\_\_\_  
Parrish, Fla. 1973 \_\_\_\_\_  
Plat or other map (map's name, originating office with location) \_\_\_\_\_

### DESCRIPTION & HISTORY

Total number of individual resources included in this Resource Group (for districts, both contributing and non-contributing): 5 \_\_\_\_\_  
If this is a district, how many individual resources are contributing? 2 \_\_\_\_\_  
Time period(s) of significance (for prehistoric districts, use archaeological phase name\* and approximate dates; for historical districts, use date range(s), e.g. 1895-1925) 1950s \_\_\_\_\_  
Summary Description (NR Bull 16A pp. 33-34; fit a summary into 3 lines, but attach supplementary sheet[s] if a longer description is also needed) \_\_\_\_\_  
See continuation sheet. \_\_\_\_\_

\* Consult *Guide to Resource Group Form* for preferred descriptions of coded fields.

**Florida Master Site File**

Consult *Guide to Resource Group Form* for detailed instructions.

**SURVEYOR'S EVALUATION OF DISTRICT (Check one choice on each line)**

Potentially eligible for local register?  yes: name register at right  no  insufficient info Name of local register if eligible: \_\_\_\_\_  
 Eligible as National Register district?  yes  no  insufficient info \_\_\_\_\_  
 Area(s) of Historical Significance (See *National Register Bulletin 15*, p. 8 for categories: e.g. "architecture", "ethnic heritage", "community planning & development", etc.)  
 Community Planning and Development; Recreation \_\_\_\_\_

Summary of Significance (Required, see NR Bull 16A p. 48-49. Attach longer statement, if needed, on separate sheet.) \_\_\_\_\_  
 This is an example of a typical golf course complex throughout Manatee County, and the contributing buildings are also typical examples of their respective styles. Furthermore, limited research revealed no significant historical associations. Therefore, 8MA1472 does not appear eligible for listing in the NRHP. \_\_\_\_\_

**TABULATION OF RESOURCES**

**Required.** Attach a tabulation of cultural resources within the district/complex, with the following information: (1) common or historical name for the resource, (2) file number at Florida Master Site File; (3) If district, is the resource contributing? Y/N, (4) National Register resource category: building, structure, site, object; and (5) street address for buildings, or township-range-section for sites, as appropriate.

**FURTHER INFORMATION**

Location of important records not submitted to the Site File (e.g., planning department file; photo negatives; field notes; see *Guide to Resource Group Form*)  
 Archaeological Consultants, Inc, Sarasota; Roll 9/27/06, photos 9-12. \_\_\_\_\_

Name (last name first) / Address / Phone / Fax / Email / Affiliation: Slovinac, Trish and Tesa Norman, Archaeological Consultants, Inc., \_\_\_\_\_  
 8110 Blaikie Court, Suite A, Sarasota, FL 34240 \_\_\_\_\_

\* Consult *Guide to Resource Group Form* for preferred descriptions.

<b>REQUIRED ATTACHMENTS:</b>	(1) Photocopied USGS 7.5' map with district borders in red (2) Street map or plat or aerial, at least 1"=400' scale; resources mapped & labeled (3) At least one B&W photographic print at least 3X5: general streetscape or view required; optional: aerial photographs, views of typical resources (4) Tabulation of all included resources (Name, FMSF #, Contributing? Y/N, resource category, street address or township-range-section if no address)
------------------------------	---

DHR USE ONLY <del>*****</del> OFFICIAL EVALUATIONS <del>*****</del> DHR USE ONLY			
NR DATE ____/____/____	KEEPER-NR ELIGIBILITY <input type="checkbox"/> yes <input type="checkbox"/> no	Date ____/____/____	
DELIST DATE ____/____/____	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elig. <input type="checkbox"/> insufficient info	Date ____/____/____	
NR Reference Number _____	LOCAL DESIGNATION: _____ Local office _____	Date ____/____/____	
NR Criteria for Evaluation <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d		If covered by MPS, FMSF manuscript # _____	

**CONTINUATION SHEET**

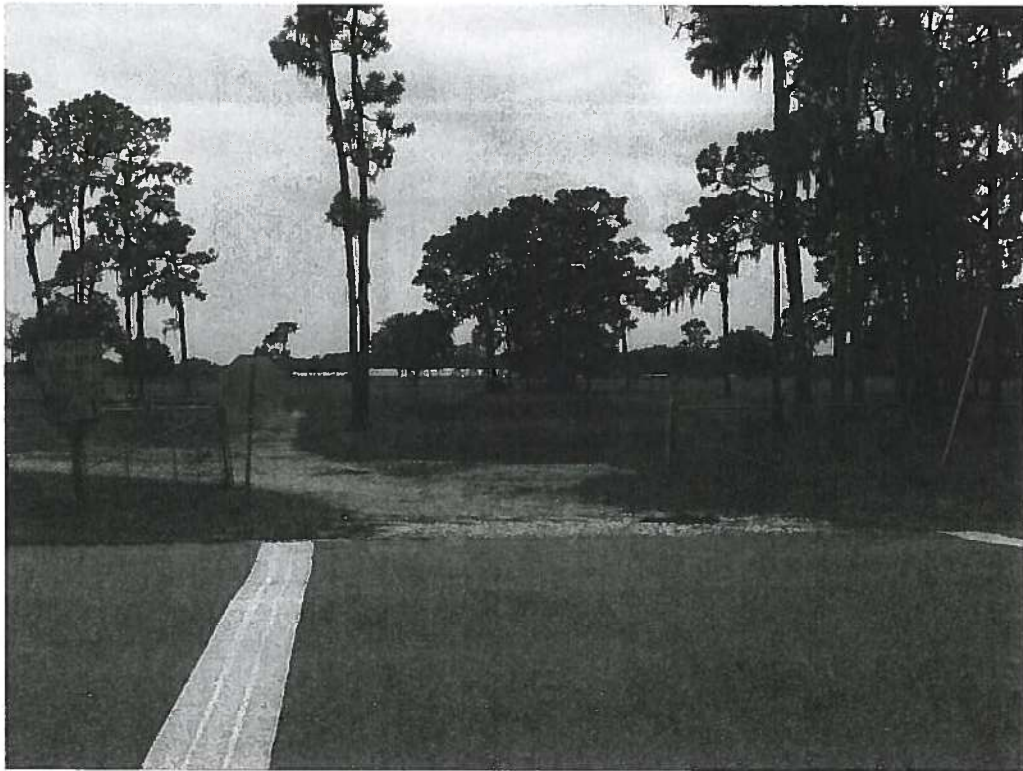
## Summary Description:

This is a 217-acre golf course complex at 14355 Golf Course Road in Manatee County. The resource group includes five individual resources, two of which are contributing, and three of which are non-contributing. The two contributing resources are the Clubhouse (8MA1474), and the original 40-acre nine hole golf course, known as the "White Course," which dates to ca. 1956. The course was constructed by Floyd Myers.<sup>1</sup> The three non-contributing resources are three additional 9-hole courses, the "Blue Course," the "Orange Course," and the "Red Course," all of which date to the mid-1960s.

---

<sup>1</sup> Bates, Randy. Personal Communication with Trish Slovinac and Tesa Norman of Archaeological Consultants, Inc., September 27.

PHOTOGRAPHS

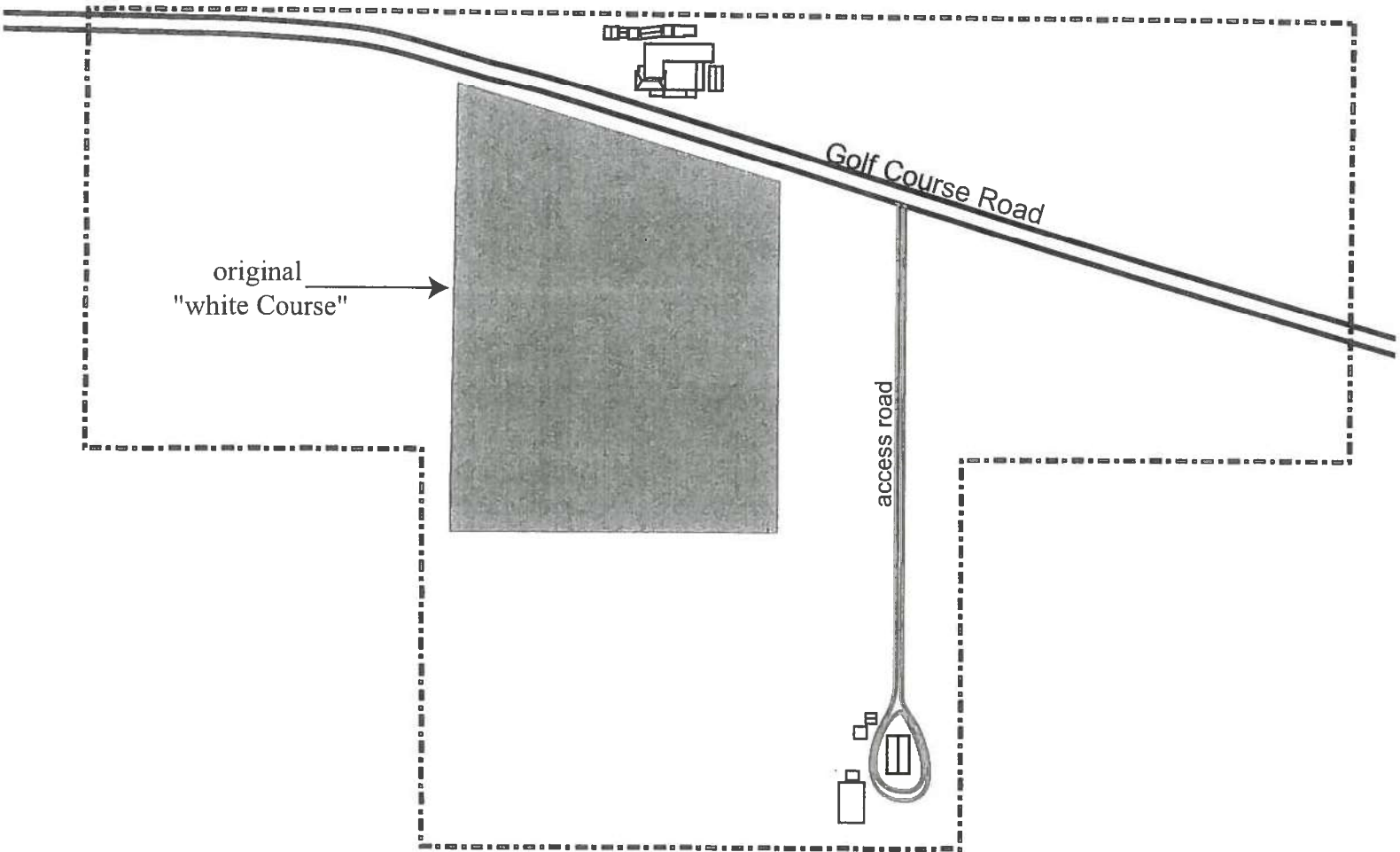


PHOTOGRAPHS



**STREET OR PLAT MAP**

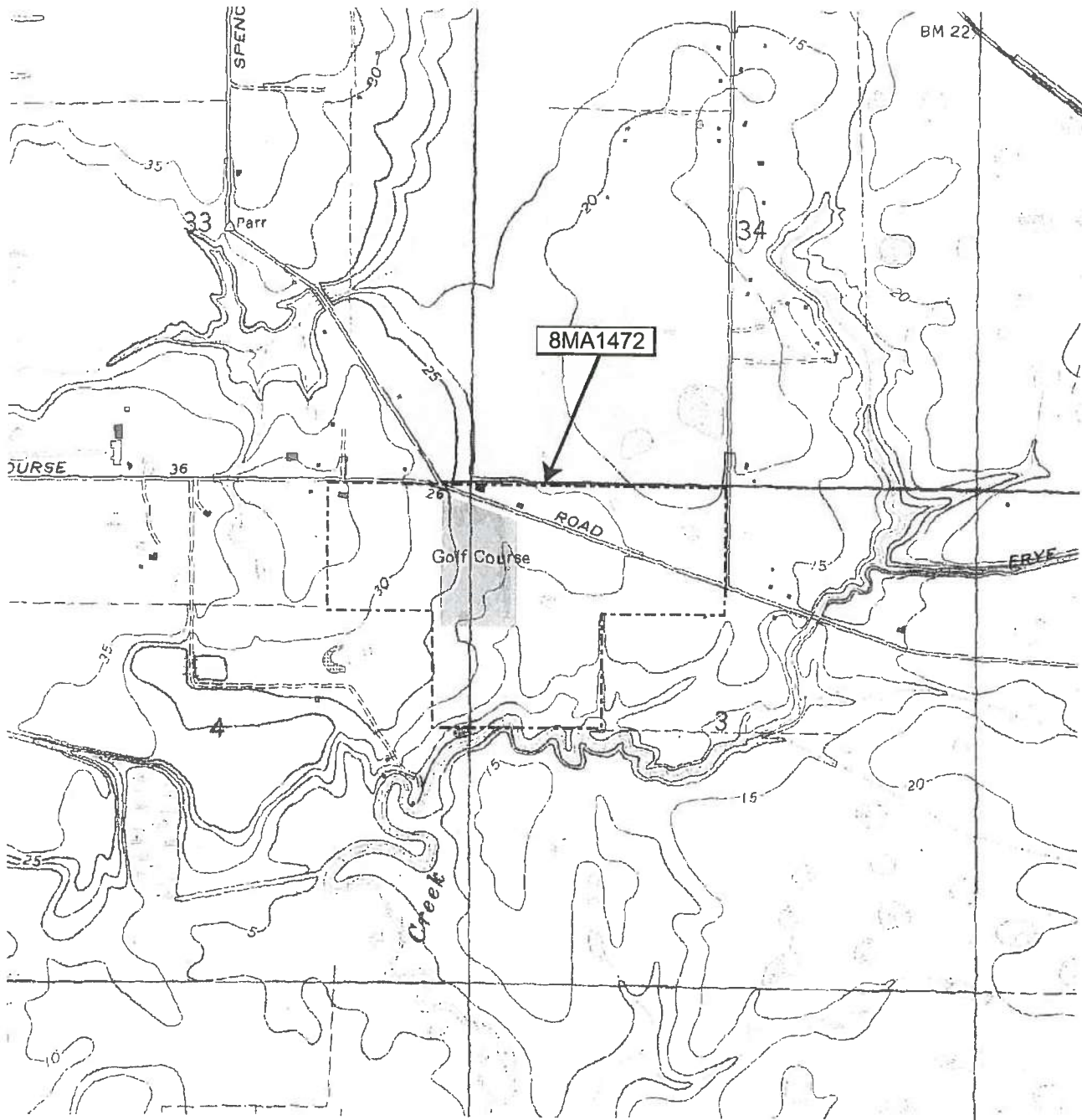
14355 Golf Course Road  
(Palmetto Pines Golf Course)





USGS MAP

Township 34 South, Range 19 East, Sections 3 and 4  
Parrish Fla. 1973



**CONTINUATION SHEET**

**TABULATION OF RESOURCES**

*CONTRIBUTING*

FMSF	SITE NAME & ADDRESS	RESOURCE CATEGORY
8MA1474	Clubhouse 14355 Golf Course Road	Building
	“White Course” 14355 Golf Course Road	

*NON-CONTRIBUTING*

- “Blue Course”  
14355 Golf Course Road
- “Orange Course”  
14355 Golf Course Road
- “Red Course”  
14355 Golf Course Road

# HISTORICAL STRUCTURE FORM

Site #8 MA1474

## FLORIDA MASTER SITE FILE

Version 3.0 11/96

Recorder # 1-9

Original

Update

(give site #)

Consult Guide To Historical Structure Forms for detailed instructions.

Field Date 9/27/06

Form Date 10/9/06

Site Name(s) (address if none) Clubhouse/Palmetto Pines Golf Course

Multiple Listing [DHR only]

Survey Upper Manatee River Road, PD&E

Survey #

National Register Category (Please check one: consult with Site File before using last four):

building  structure  district  site  object

### LOCATION & IDENTIFICATION

Address (Include N,S,E,W,#,St.,Ave.,etc.) 14355 Golf Course Road

Cross Streets (nearest/between) Between Spencer Parrish Road and Jim Davis Road on north

City/Town (within 3 miles) Parrish

In Current City Limits:  y  n  unknown

County Manatee

Tax Parcel #(s) 497300004

Subdivision name

Block

Lot

Ownership (Please check one):

private-profit  private-individual  city  county  Native American  
 private-nonprofit  private-unspecified  state  federal  foreign  unknown

Name of Public Tract (e.g., park)

Route to (especially if no street address)

### MAPPING

USGS 7.5' Map Name & Date Parrish, Fla. 1973

Township 34S Range 19E Section 03

1/4 section:  NW  SW  SE  NE  Irregular-name:

Landgrant

UTM: Zone  16  17 Easting 0361722 Northing 3048939

Plat or other map (map's name, location)

### DESCRIPTION

Style\* Masonry Vernacular

Exterior Plan\* irregular

Number of Stories 1

Structural System(s)\* concrete block

Foundation: Type(s)\* continuous

Material(s)\* concrete block

Exterior Fabric(s)\* concrete block; brick veneer; plywood

Roof: Type(s)\* hip; shed; flat

Material(s)\* composition shingle

Roof secondary strucs. (dormers etc.)\*

Chimney: No.1 Material(s)\* brick

Location(s)\* north interior slope

Windows (types, materials, etc.)\* 2/2 SHS, metal, ribbon (3); 3-light awning, metal, independent; 4-light casement, metal, paired;

8-light fixed flanked by 4-light casement, metal, independent; 1-light fixed, wood, independent

Main Entrance (stylistic details) metal swing door with 1/1 SHS - south elevation

Porches: #open 1 #closed #incised Location(s) south elevation/entrance

Porch roof type(s) shed

Exterior Ornament projecting window sills; rounded corners

Interior Plan\* unknown

Condition (Please check one):  excellent  good  fair  deteriorated  ruinous

Surroundings (N=None, S=Some, M=Most, A=All/nearly all) S commercial S residential N institutional S undeveloped

Ancillary Features (No., type of outbuildings; major landscape features. Use continuation sheet for descriptions of interior, landscaping, etc)

4 sheds to north (2 metal, 2 wood); attached car shed to north; 1 shed (metal) to east

Archaeological Remains

Check if Archaeological Form completed

\*Consult Guide to Historical Structure Forms for preferred descriptions (coded fields at the Site File).

### DHR USE ONLY \*\*\*\*\* OFFICIAL EVALUATIONS \*\*\*\*\* DHR USE ONLY

NR DATE	KEEPER-NR ELIGIBILITY <input type="checkbox"/> yes <input type="checkbox"/> no	Date
DELIST DATE	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elig. <input type="checkbox"/> insufficient info	Date
	LOCAL DESIGNATION:	Date
	Local office	
National Register Criteria for Evaluation <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (See National Register Bulletin 15, p.2)		

**HISTORICAL STRUCTURE FORM**

Site # 8 MA1474

Consult Guide to Historical Structure Forms for detailed instructions

**HISTORY**

Construction date: Exactly \_\_\_\_\_ (year) Approximately 1956 (year) Earlier than \_\_\_\_\_ (year) Later than \_\_\_\_\_ (year)  
 Architect (last name first): unknown Builder (last name first): unknown  
 Moves:  yes  no  unknown Dates \_\_\_\_\_ Original address \_\_\_\_\_  
 Alterations:  yes  no  unknown Dates \_\_\_\_\_ Nature\* \_\_\_\_\_  
 Additions:  yes  no  unknown Dates ca. 1975;95 Nature\* east addition; car shed  
 Original Use\* (give date ranges) unknown  
 Intermediate Uses\* (give date ranges) golf course clubhouse

Present Use\* (give date ranges) golf course clubhouse

Ownership History (especially original owner, dates, profession, etc.) MML II LLC (since 2005); Palmetto Pines Golf Course Inc. (1984 to 2005); William C. Grims TR (unknown to 1984); Floyd & Alma Myers (unknown dates)

\*Consult Guide to Historical Structure Forms for preferred descriptions (coded fields at the Site File).

**RESEARCH METHODS (Check all choices that apply; if needed write others at bottom)**

- |   |   |   |  |
|---|---|---|--|
| <input type="checkbox"/> formal archaeological survey         | <input checked="" type="checkbox"/> past surveys search at FMSF | <input type="checkbox"/> local library research     | <input type="checkbox"/> Sanborn maps          |
| <input type="checkbox"/> informal archaeological inspection   | <input checked="" type="checkbox"/> past sites search at FMSF   | <input type="checkbox"/> non-local library research | <input type="checkbox"/> subdivision maps      |
| <input checked="" type="checkbox"/> Public Lands Survey (DEP) | <input type="checkbox"/> FL Archives (Gray Building)            | <input type="checkbox"/> building permits           | <input type="checkbox"/> plat maps             |
| <input type="checkbox"/> tax records/property deeds           | <input type="checkbox"/> FL Photo Archives (Gray Building)      | <input type="checkbox"/> demolition permits         | <input type="checkbox"/> local newspaper files |
| <input checked="" type="checkbox"/> tax records only          | <input checked="" type="checkbox"/> occupant/owner interview    | <input type="checkbox"/> commercial permits         |  |
| <input type="checkbox"/> interior inspection                  | <input type="checkbox"/> neighbor interview                     | <input type="checkbox"/> occupation permits         |  |
| <input type="checkbox"/> other methods (specify)              |   |   |  |

**SURVEYOR'S EVALUATION OF SITE (Check one choice on each line)**

Potentially eligible for local register?  yes: name register at right  no  insufficient info Name of local register if eligible: \_\_\_\_\_  
 Individually eligible for National Register?  yes  no  insufficient info \_\_\_\_\_  
 Potential contributor to Nat. Reg. district?  yes  no  insufficient info \_\_\_\_\_  
 Area(s) of Historical Significance (See National Register Bulletin 15, p. 8 for categories: e.g. "architecture," "ethnic heritage," "community planning & development," etc.)  
 Community Planning and Development; Recreation - building

Explanation of Evaluation (required, whether positive or not; limit to three lines; attach longer statement, if needed, on separate sheet)  
 This is a typical example of the Masonry Vernacular style found throughout Manatee County, and limited research revealed no significant historical associations. Therefore, MA1474 does not appear eligible for listing in the NRHP.

**DOCUMENTATION (Photos, Plans, etc.)**

Bibliographic References (Use Continuation Sheet, give FMSF Manuscript # if relevant) Manatee County Property Appraiser

Photographs (required) B&amp;W print(s) at least 3x5, at least one main facade.

Location of negatives &amp; negative numbers Archaeological Consultants, Inc. Roll 1, photos 9-12.

**RECORDER**

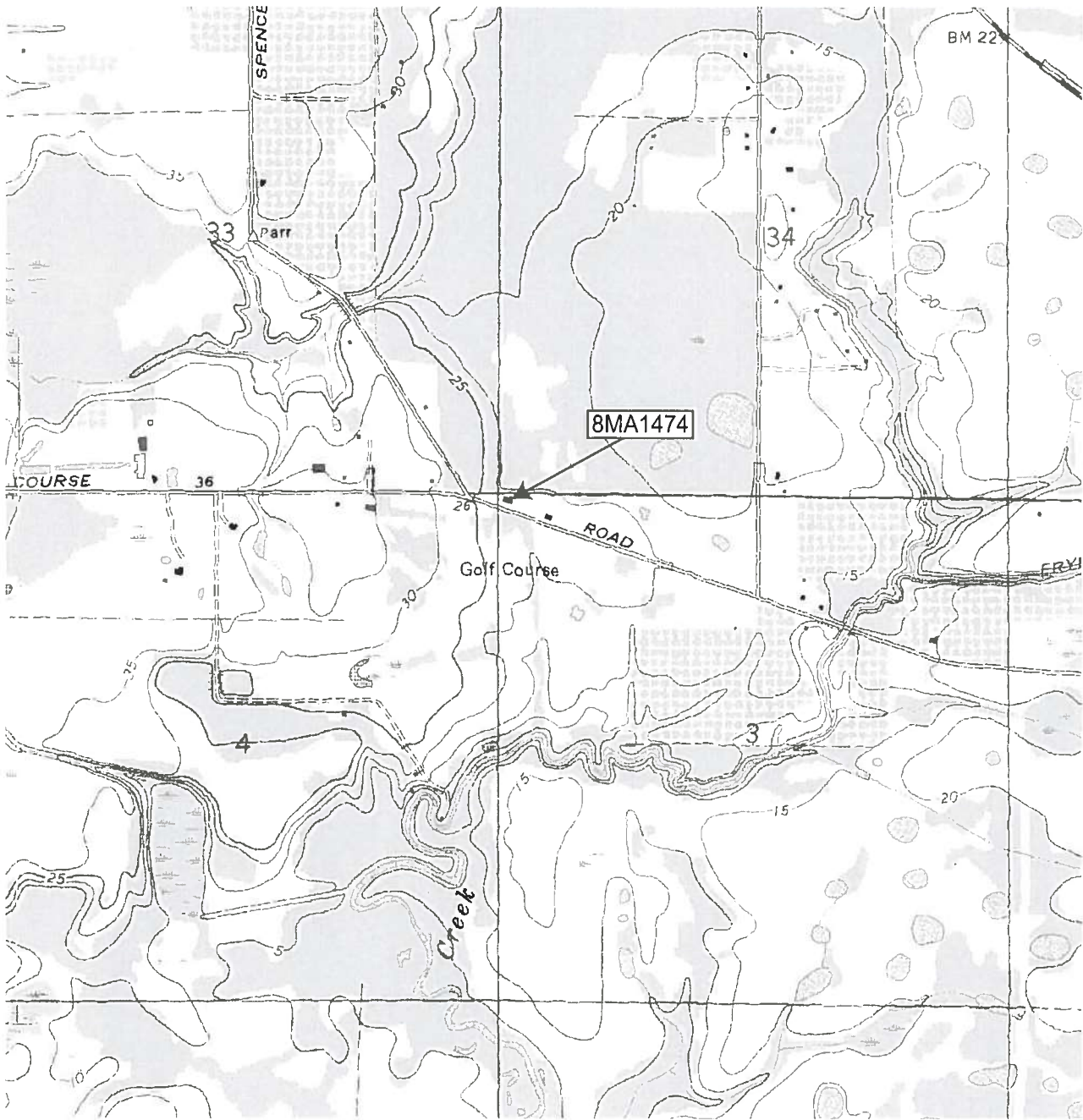
Name (last name first)/Address/Phone/Fax/Email/Affiliation Slovinac, Trish and Tesa Norman  
 Archaeological Consultants, Inc./ P.O. Box 5103, Sarasota, FL 34277-5103/(941)379-6206/(941)379-6216/  
 ACIFlorida@comcast.net

Remember: Use a Supplement for Site Forms or other continuation sheet for descriptions that do not fit in the spaces above.

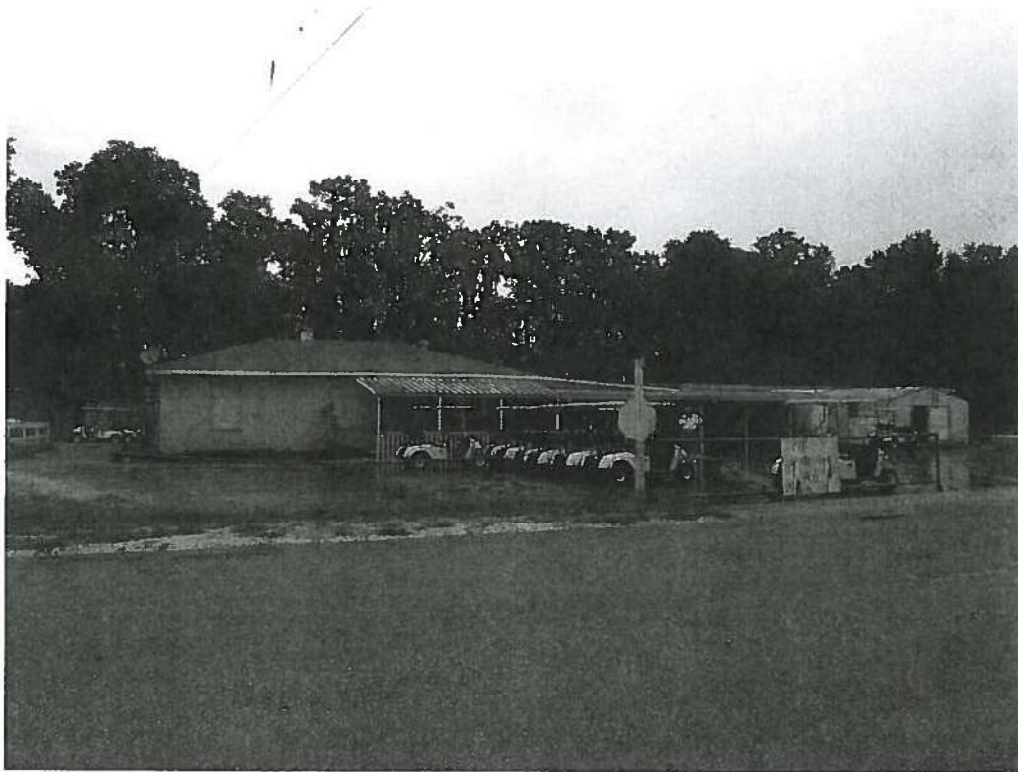
**REQUIRED:** (1) USGS 7.5' MAP WITH STRUCTURE PINPOINTED IN RED  
 (2) LARGE SCALE STREET OR PLAT MAP  
 (3) PHOTO OF MAIN FACADE, PREFER B&W, AT LEAST 3x5

USGS MAP

Township 34 South, Range 19 East, Section 3  
Parrish Fla. 1973

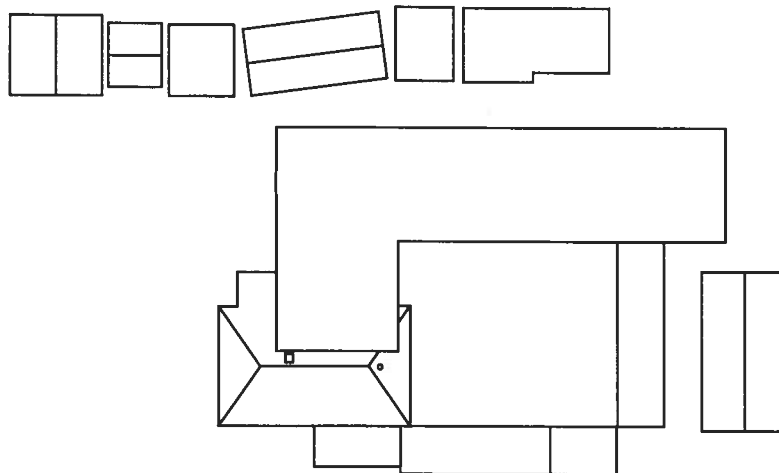


PHOTOGRAPH



STREET OR PLAT MAP

14355 Golf Course Road  
(Palmetto Pines Golf Course)



Golf Course Road



# HISTORICAL STRUCTURE FORM

Site #8 MA1475

## FLORIDA MASTER SITE FILE

Version 3.0 11/96

Recorder # 1-13

Field Date 9/27/06

Form Date 10/9/06

Original

Update

(give site #)

Consult Guide To Historical Structure Forms for detailed instructions.

Site Name(s) (address if none) 15450 Golf Course Road

Multiple Listing [DHR only]

Survey Upper Manatee River Road, PD&E

Survey #

National Register Category (Please check one: consult with Site File before using last four):

building  structure  district  site  object

### LOCATION & IDENTIFICATION

Address (Include N,S,E,W,#;St.,Ave.,etc.) 15450 Golf Course Road

Cross Streets (nearest/between) Between Jim Davis Road and North Rye Road on north

City/Town (within 3 miles) Parrish

In Current City Limits:  y  n  unknown

County Manatee

Tax Parcel #(s) 497900001

Subdivision name

Block

Lot

Ownership (Please check one):

private-profit  private-individual  city  county  Native American  
 private-nonprofit  private-unspecified  state  federal  foreign  unknown

Name of Public Tract (e.g., park)

Route to (especially if no street address)

### MAPPING

USGS 7.5' Map Name & Date Parrish, Fla. 1973

Township 34S Range 19E Section 03 1/4 section:  NW  SW  SE  NE  Irregular-name:

Landgrant UTM: Zone  16  17 Easting 0363097 Northing 3048452

Plat or other map (map's name, location)

### DESCRIPTION

Style\* Masonry Vernacular Exterior Plan\* irregular Number of Stories 2/1

Structural System(s)\* concrete block

Foundation: Type(s)\* continuous Material(s)\* concrete block

Exterior Fabric(s)\* concrete block; clapboard

Roof: Type(s)\* gable Material(s)\*

Roof secondary strucs. (dormers etc.)\*

Chimney: No.2 Material(s)\* brick Location(s)\* north interior slope

Windows (types, materials, etc.)\* 4-light awning, metal, independent; 4-light awning, metal, paired; 3-light awning, metal, independent;

1/1 SHS, metal, independent; 2/2 SHS, metal, independent; 2/2 SHS, metal, paired; 1/1 SHS, metal, paired (6/6 SDL); 1/1 SHS, metal, independent (4/4 SDL)

Main Entrance (stylistic details) 6-panel wood swing door - south elevation

Porches: #open #closed #incised 1 Location(s) south elevation/entrance

Porch roof type(s) inset

Exterior Ornament projecting window sills; stationary wood shutters on some south elevation windows

Interior Plan\* unknown

Condition (Please check one):  excellent  good  fair  deteriorated  ruinous

Surroundings (N=None, S=Some, M=Most, A=All/nearly all) N commercial S residential N institutional M undeveloped

Ancillary Features (No., type of outbuildings; major landscape features. Use continuation sheet for descriptions of interior, landscaping, etc)

3 car garage to north connected with covered walk; shed to west

Archaeological Remains

Check if Archaeological Form completed

\*Consult Guide to Historical Structure Forms for preferred descriptions (coded fields at the Site File).

### DHR USE ONLY \*\*\*\*\* OFFICIAL EVALUATIONS \*\*\*\*\* DHR USE ONLY

NR DATE	KEEPER-NR ELIGIBILITY <input type="checkbox"/> yes <input type="checkbox"/> no	Date
DELIST DATE	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elig. <input type="checkbox"/> insufficient info	Date
	LOCAL DESIGNATION:	Date
	Local office	
National Register Criteria for Evaluation <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (See National Register Bulletin 15, p.2)		

Consult Guide to Historical Structure Forms for detailed instructions

**HISTORY**

Construction date: Exactly \_\_\_\_\_ (year) Approximately 1950 (year) Earlier than \_\_\_\_\_ (year) Later than \_\_\_\_\_ (year)  
 Architect (last name first): unknown Builder (last name first): unknown  
 Moves:  yes  no  unknown Dates \_\_\_\_\_ Original address \_\_\_\_\_  
 Alterations:  yes  no  unknown Dates ca. 1970;85 Nature\* replacement windows (2/2 SHS); replacement windows (1/1 SHS)  
 Additions:  yes  no  unknown Dates ca. 1960 Nature\* garage  
 Original Use\* (give date ranges) private residence  
 Intermediate Uses\* (give date ranges) private residence  
 Present Use\* (give date ranges) private residence  
 Ownership History (especially original owner, dates, profession, etc.) Theola B. Cannon (since 2005)

\*Consult Guide to Historical Structure Forms for preferred descriptions (coded fields at the Site File).

**RESEARCH METHODS (Check all choices that apply; if needed write others at bottom)**

formal archaeological survey  past surveys search at FMSF  local library research  Sanborn maps  
 informal archaeological inspection  past sites search at FMSF  non-local library research  subdivision maps  
 Public Lands Survey (DEP)  FL Archives (Gray Building)  building permits  plat maps  
 tax records/property deeds  FL Photo Archives (Gray Building)  demolition permits  local newspaper files  
 tax records only  occupant/owner interview  commercial permits  
 interior inspection  neighbor interview  occupation permits  
 other methods (specify) \_\_\_\_\_

**SURVEYOR'S EVALUATION OF SITE (Check one choice on each line)**

Potentially eligible for local register?  yes: name register at right  no  insufficient info Name of local register if eligible: \_\_\_\_\_  
 Individually eligible for National Register?  yes  no  insufficient info \_\_\_\_\_  
 Potential contributor to Nat. Reg. district?  yes  no  insufficient info \_\_\_\_\_  
 Area(s) of Historical Significance (See National Register Bulletin 15, p. 8 for categories: e.g. "architecture," "ethnic heritage," "community planning & development," etc.)  
Community Planning and Development

Explanation of Evaluation (required, whether positive or not; limit to three lines; attach longer statement, if needed, on separate sheet)

This is a **typical example** of the **Masonry Vernacular style** found throughout Manatee County,  
 and limited research revealed no significant historical associations. Therefore, MA1475 does not appear  
 eligible for listing in the NRHP.

**DOCUMENTATION (Photos, Plans, etc.)**Bibliographic References (Use Continuation Sheet, give FMSF Manuscript # if relevant) Manatee County Property Appraiser

Photographs (required) B&amp;W print(s) at least 3x5, at least one main facade.

Location of negatives & negative numbers Archaeological Consultants, Inc. Roll 1, photos 13-16.**RECORDER**

Name (last name first)/Address/Phone/Fax/Email/Affiliation Slovinac, Trish and Tesa Norman  
Archaeological Consultants, Inc./ P.O. Box 5103, Sarasota, FL 34277-5103/(941)379-6206/(941)379-6216/  
ACIFlorida@comcast.net

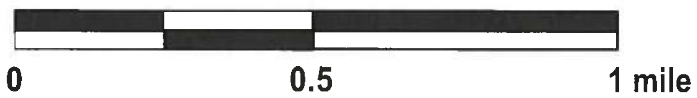
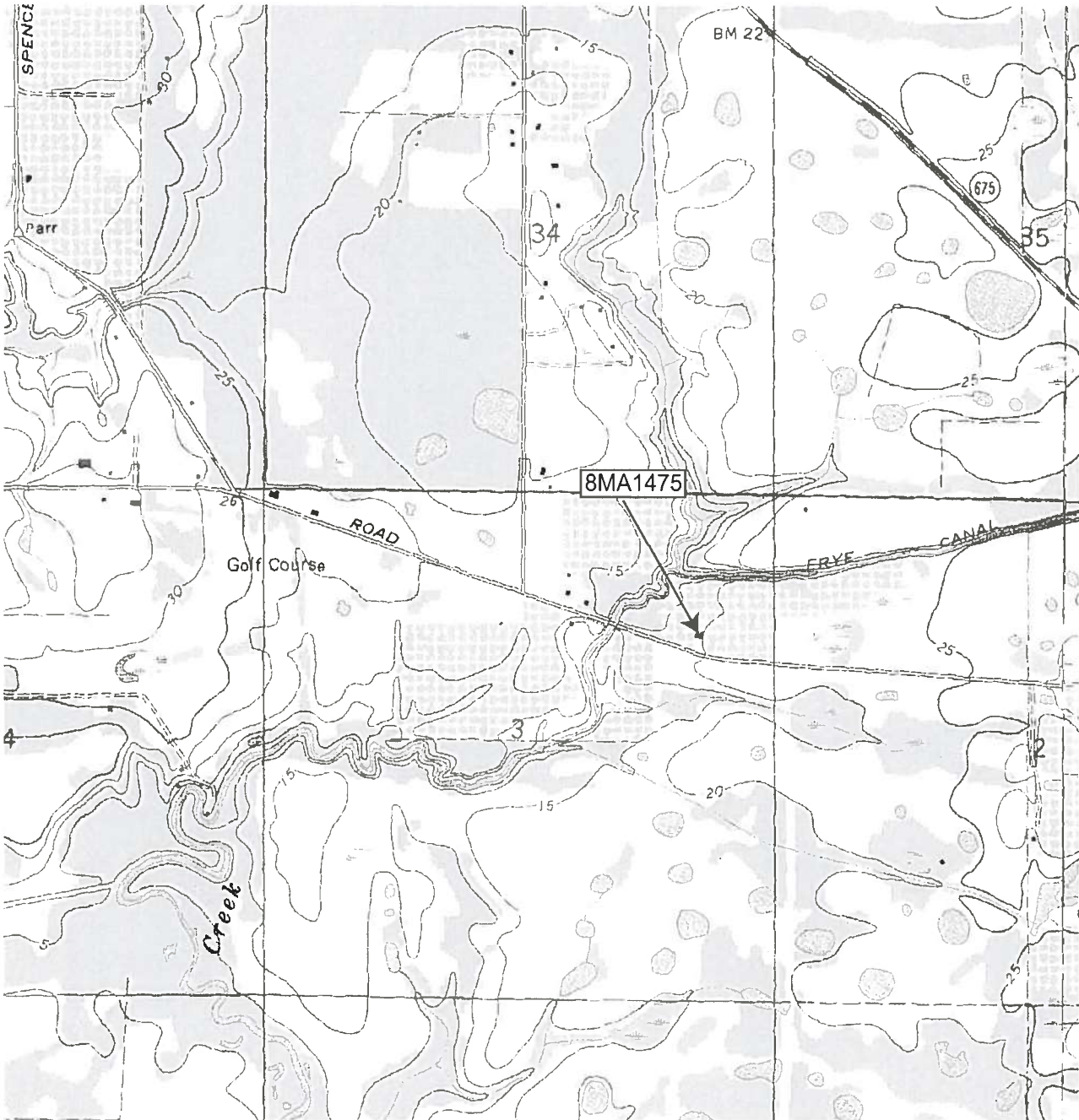
Remember: Use a Supplement for Site Forms or other continuation sheet for descriptions that do not fit in the spaces above.

**REQUIRED:** (1) USGS 7.5' MAP WITH STRUCTURE PINPOINTED IN RED  
 (2) LARGE SCALE STREET OR PLAT MAP  
 (3) PHOTO OF MAIN FACADE, PREFER B&W, AT LEAST 3x5

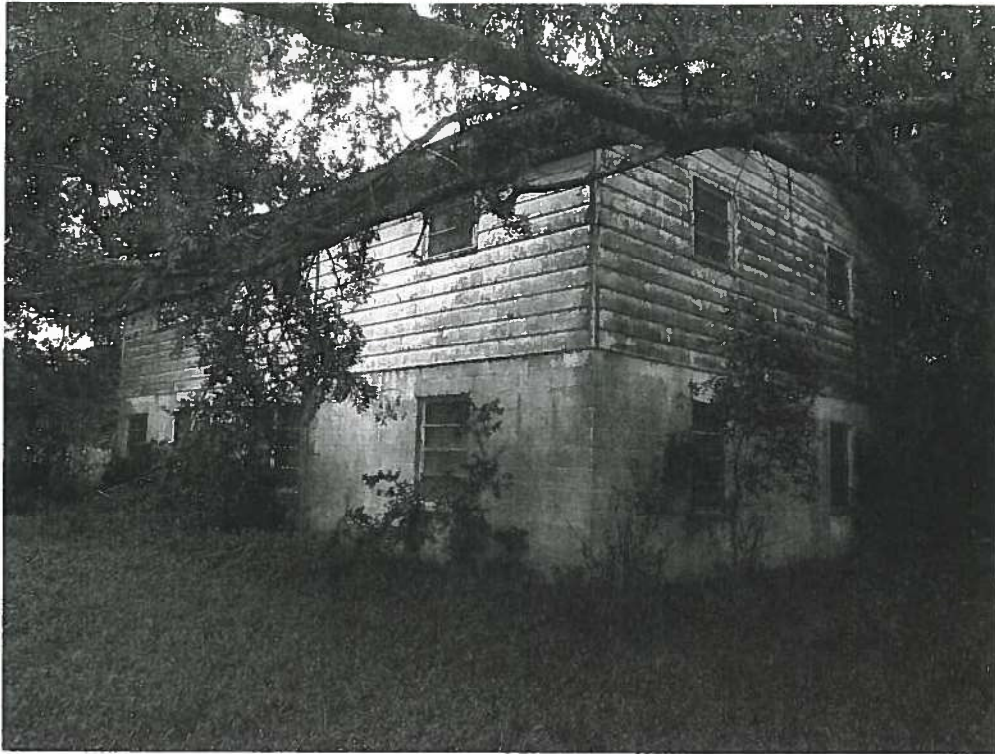


USGS MAP

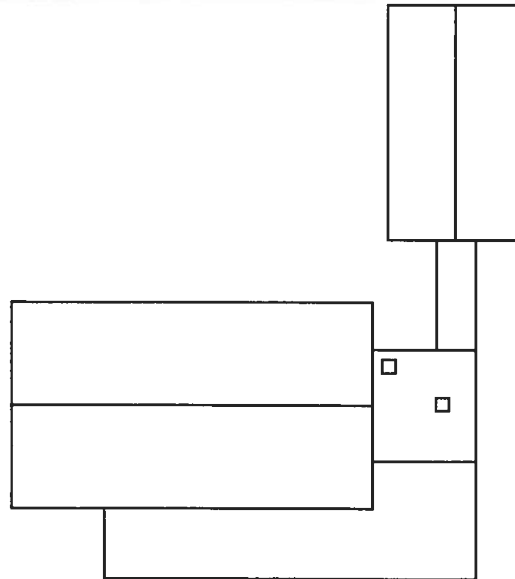
Township 34 South, Range 19 East, Section 3  
Parrish Fla. 1973



PHOTOGRAPH



STREET OR PLAT MAP



15450 Golf Course Road

Golf Course Road



# HISTORICAL STRUCTURE FORM FLORIDA MASTER SITE FILE

Site #8 MA1476

Original  
 Update  
(give site #)

Version 3.0 11/96

Recorder # 1-17

Field Date 9/27/06

Form Date 10/9/06

Consult Guide To Historical Structure Forms for detailed instructions.

Site Name(s) (address if none) 3250 Rye Road Multiple Listing [DHR only] \_\_\_\_\_  
Survey Upper Manatee River Road, PD& E Survey # \_\_\_\_\_  
National Register Category (Please check one: consult with Site File before using last four):  building  structure  district  site  object

## LOCATION & IDENTIFICATION

Address (Include N,S,E,W,#;St.,Ave.,etc.) 3250 Rye Road  
Cross Streets (nearest/between) Between Golf Course Road and Upper Manatee River Road on east  
City/Town (within 3 miles) Parrish In Current City Limits:  y  n  unknown  
County Manatee Tax Parcel #(s) 512200007  
Subdivision name \_\_\_\_\_ Block \_\_\_\_\_ Lot \_\_\_\_\_  
Ownership (Please check one):  private-profit  private-individual  city  county  Native American  
 private-nonprofit  private-unspecified  state  federal  foreign  unknown  
Name of Public Tract (e.g., park) \_\_\_\_\_  
Route to (especially if no street address) \_\_\_\_\_

## MAPPING

USGS 7.5' Map Name & Date Rye, Fla. 1972, PI 1979  
Township 34S Range 19E Section 11 1/4 section:  NW  SW  SE  NE  Irregular-name:  
Landgrant \_\_\_\_\_ UTM: Zone  16  17 Easting 0364834 Northing 3047289  
Plat or other map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style\* Frame Vernacular Exterior Plan\* irregular Number of Stories 1  
Structural System(s)\* wood frame  
Foundation: Type(s)\* pier Material(s)\* poured concrete  
Exterior Fabric(s)\* vinyl siding  
Roof: Type(s)\* cross gable; shed; flat Material(s)\* composition shingle  
Roof secondary strucs. (dormers etc.)\* \_\_\_\_\_  
Chimney: No. \_\_\_\_\_ Material(s)\* \_\_\_\_\_ Location(s)\* \_\_\_\_\_  
Windows (types, materials, etc.)\* 1/1 DHS, wood, independent; 3-light awning, metal, independent;  
2/2 SHS, metal, paired; 1/1 SHS, metal, independent  
Main Entrance (stylistic details) 9-light, 3-panel wood swing door - west elevation  
Porches: #open 2 #closed \_\_\_\_\_ #incised \_\_\_\_\_ Location(s) west elevation/entrance; east elevation  
Porch roof type(s) shed; shed  
Exterior Ornament gable vents; cornerboards; awnings over some windows  
Interior Plan\* unknown  
Condition (Please check one):  excellent  good  fair  deteriorated  ruinous  
Surroundings (N=None, S=Some, M=Most, A=All/nearly all) N commercial S residential N institutional S undeveloped  
Ancillary Features (No., type of outbuildings; major landscape features. Use continuation sheet for descriptions of interior, landscaping, etc)  
shed to east; coop to east

Archaeological Remains \_\_\_\_\_  Check if Archaeological Form completed  
\*Consult Guide to Historical Structure Forms for preferred descriptions (coded fields at the Site File).

### DHR USE ONLY \*\*\*\*\* OFFICIAL EVALUATIONS \*\*\*\*\* DHR USE ONLY

NR DATE	KEEPER-NR ELIGIBILITY <input type="checkbox"/> yes <input type="checkbox"/> no	Date _____
DELIST DATE	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elg. <input type="checkbox"/> insufficient info	Date _____
	LOCAL DESIGNATION: _____	Date _____
	Local office _____	
National Register Criteria for Evaluation <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (See National Register Bulletin 15, p.2)		

Consult Guide to Historical Structure Forms for detailed instructions

**HISTORY**

Construction date: Exactly \_\_\_\_\_ (year) Approximately 1945 (year) Earlier than \_\_\_\_\_ (year) Later than \_\_\_\_\_ (year)

Architect (last name first): unknown Builder (last name first): unknown

Moves:  yes  no  unknown Dates \_\_\_\_\_ Original address \_\_\_\_\_Alterations:  yes  no  unknown Dates ca. 1955,75,85 Nature\* repl. windows (awning); rep. windows (2/2 SHS); vinyl sidingAdditions:  yes  no  unknown Dates ca. 1985 Nature\* south and east additions

Original Use\* (give date ranges) private residence

Intermediate Uses\* (give date ranges) private residence

Present Use\* (give date ranges) private residence

Ownership History (especially original owner, dates, profession, etc.) Manatee Property Ltd (since 2005); Gilbert Charles Hine (1999 to 2005)  
Gilbert C. & Virginia C. Hine (1999); Gilbert C. Hine Sr. (1981 to 1999); Gilbert C. and Kathleen E. Hine (unk. to 1981)

\*Consult Guide to Historical Structure Forms for preferred descriptions (coded fields at the Site File).

**RESEARCH METHODS (Check all choices that apply, if needed write others at bottom)**

- |   |   |   |  |
|---|---|---|--|
| <input type="checkbox"/> formal archaeological survey         | <input checked="" type="checkbox"/> past surveys search at FMSF | <input type="checkbox"/> local library research     | <input type="checkbox"/> Sanborn maps          |
| <input type="checkbox"/> informal archaeological inspection   | <input checked="" type="checkbox"/> past sites search at FMSF   | <input type="checkbox"/> non-local library research | <input type="checkbox"/> subdivision maps      |
| <input checked="" type="checkbox"/> Public Lands Survey (DEP) | <input type="checkbox"/> FL Archives (Gray Building)            | <input type="checkbox"/> building permits           | <input type="checkbox"/> plat maps             |
| <input type="checkbox"/> tax records/property deeds           | <input type="checkbox"/> FL Photo Archives (Gray Building)      | <input type="checkbox"/> demolition permits         | <input type="checkbox"/> local newspaper files |
| <input checked="" type="checkbox"/> tax records only          | <input type="checkbox"/> occupant/owner interview               | <input type="checkbox"/> commercial permits         |  |
| <input type="checkbox"/> interior inspection                  | <input type="checkbox"/> neighbor interview                     | <input type="checkbox"/> occupation permits         |  |
| <input type="checkbox"/> other methods (specify)              |   |   |  |

**SURVEYOR'S EVALUATION OF SITE (Check one choice on each line)**

Potentially eligible for local register?  yes: name register at right  no  insufficient info Name of local register if eligible: \_\_\_\_\_

Individually eligible for National Register?  yes  no  insufficient info \_\_\_\_\_

Potential contributor to Nat. Reg. district?  yes  no  insufficient info \_\_\_\_\_

Area(s) of Historical Significance (See National Register Bulletin 15, p. 8 for categories: e.g. "architecture," "ethnic heritage," "community planning &amp; development," etc.)

Community Planning and Development

Explanation of Evaluation (required, whether positive or not; limit to three lines; attach longer statement, if needed, on separate sheet)

This is a typical example of the Frame Vernacular style found throughout Manatee County, and limited research revealed no significant historical associations. Furthermore, numerous alterations and additions have compromised its architectural integrity. Therefore, 8MA1476 does not appear eligible for listing in the NRHP.

**DOCUMENTATION (Photos, Plans, etc.)**

Bibliographic References (Use Continuation Sheet, give FMSF Manuscript # if relevant) Manatee County Property Appraiser

Photographs (required) B&amp;W print(s) at least 3x5, at least one main facade.

Location of negatives &amp; negative numbers Archaeological Consultants, Inc. Roll 1, photos 17-19.

**RECORDER**

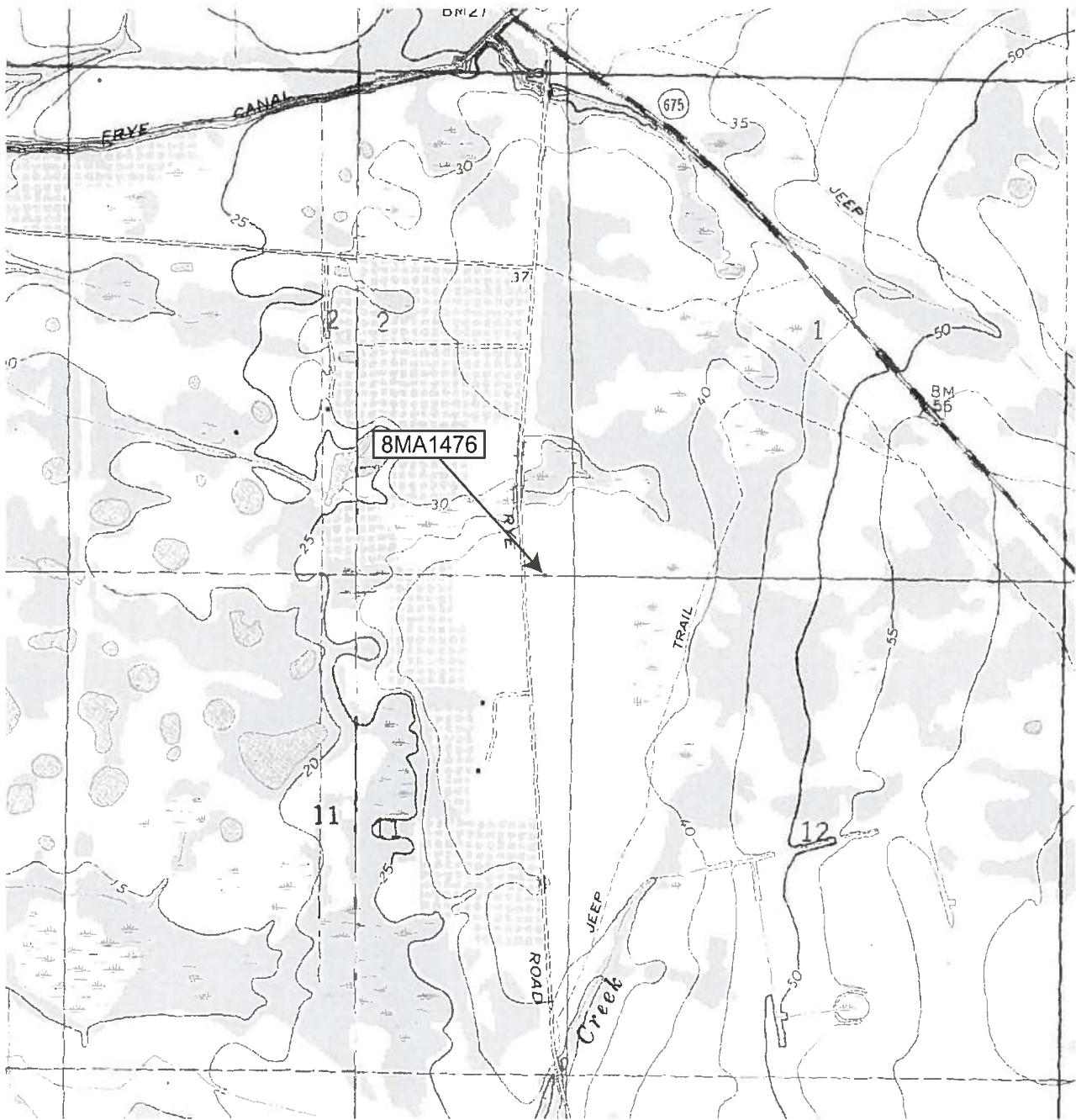
Name (last name first)/Address/Phone/Fax/Email/Affiliation Slovinac, Trish and Tesa Norman  
Archaeological Consultants, Inc./ P.O. Box 5103, Sarasota, FL 34277-5103/(941)379-6206/(941)379-6216/  
ACIFlorida@comcast.net

Remember: Use a Supplement for Site Forms or other continuation sheet for descriptions that do not fit in the spaces above.

**REQUIRED:** (1) USGS 7.5' MAP WITH STRUCTURE PINPOINTED IN RED  
(2) LARGE SCALE STREET OR PLAT MAP  
(3) PHOTO OF MAIN FACADE, PREFER B&W, AT LEAST 3x5

USGS MAP

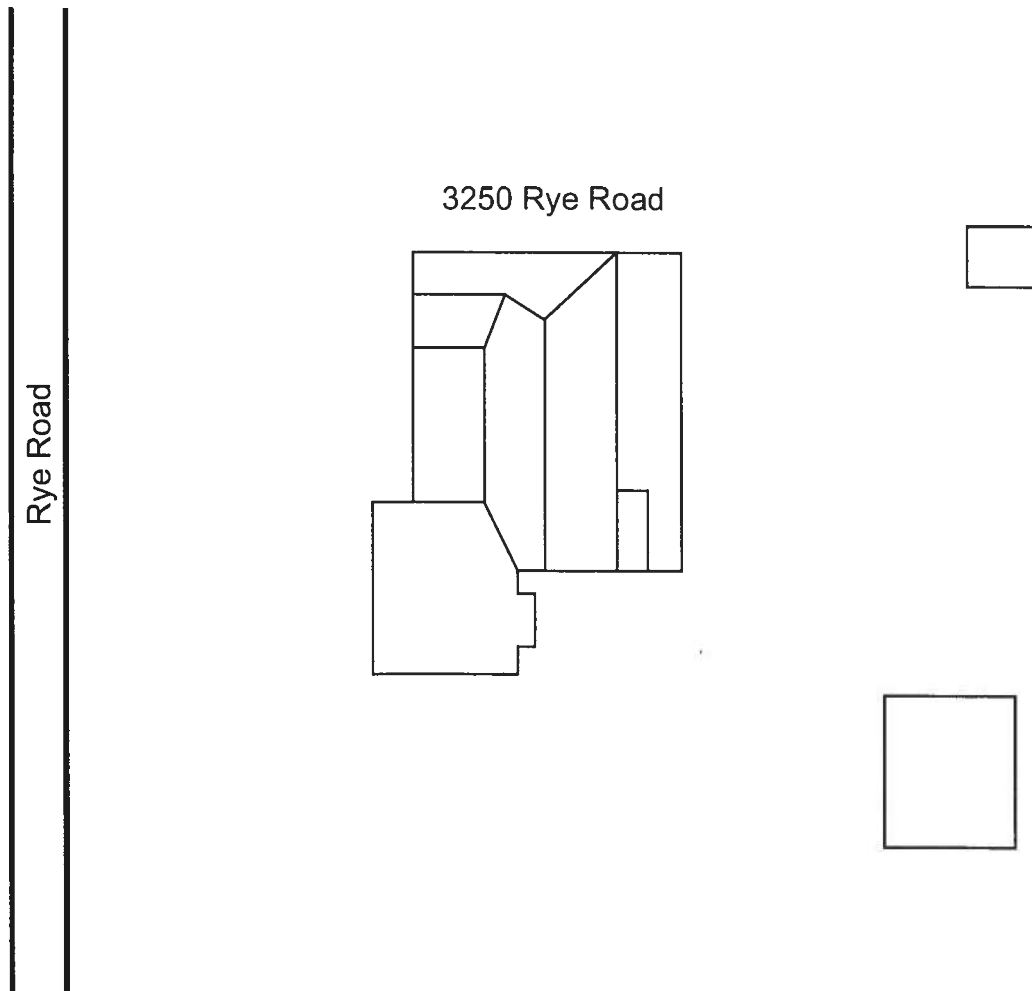
Township 34 South, Range 19 East, Section 11  
Rye Fla. 1972, PR 1979



PHOTOGRAPH



STREET OR PLAT MAP





# HISTORICAL BRIDGE FORM

## FLORIDA MASTER SITE FILE

Version 2.0 10/97

Consult *Guide to the Historical Bridge Form* for detailed instructions

Site #8MA1477 \_\_\_\_\_

Recorder # 1-20 \_\_\_\_\_

Field Date 09/27/06

Form Date 10/09/06 \_\_\_\_\_

X Original

Update (give site #)

Bridge Name(s) Rye Road Bridge \_\_\_\_\_ *Multiple Listing [DHR only]* \_\_\_\_\_

Survey Name Upper Manatee River Road PD&E \_\_\_\_\_ FDOT Bridge # 134022 \_\_\_\_\_

Route(s) Carried/Feature(s) Crossed Manatee River \_\_\_\_\_ FMSF Survey # \_\_\_\_\_

### LOCATION & IDENTIFICATION

Nearest City/Town if within 3 mi Parrish \_\_\_\_\_ In city limits:  yes X  no  unknown

County Manatee \_\_\_\_\_

Ownership Type:  private-profit  private-nonprofit  private-individual  private-unspecified  city X  county  
 state  federal  foreign  Native American  unknown

Name of Public Tract (e.g., park) \_\_\_\_\_

N/E: Township 34S, Range 19E, Section 13, 1/4 section:  NW X  SW  SE  NE  Irregular-name: \_\_\_\_\_

S/W: Township \_\_\_\_\_, Range \_\_\_\_\_, Section \_\_\_\_\_, 1/4 section:  NW  SW  SE  NE  Irregular-name: \_\_\_\_\_

USGS 7.5' Map (Photocopy OK; show map name, pub. date) Rye, Fla. 1972, PI 1979 \_\_\_\_\_

Landgrant \_\_\_\_\_

### DESCRIPTION

#### GENERAL

Overall Bridge Design\* Beam/Girder \_\_\_\_\_

Overall Condition  excellent X  good  fair  poor  deteriorated  ruinous

Style and Decorative Details: \_\_\_\_\_

#### SUPERSTRUCTURE:

Spans: Number 2 Total Length(ft) 100'-6 1/2"

Main Span(s): Number 1 Length(ft) 89'-10 1/2" Width(ft) 21'-6" Roadway width(ft) 19'-0"

Main Span Type(s): (Designs\*/Materials\*) \_\_\_\_\_

Approach Span(s): Number 1 Length(ft) 10'-8" Width(ft) 36'-8" Roadway width(ft) 19'-0"

Approach Span Type(s): (Designs\*/Materials\*) Slab/Blacktop \_\_\_\_\_

Deck materials\* Concrete; blacktop \_\_\_\_\_

#### SUBSTRUCTURE:

Abutments (Materials\*/Description): Backwall of concrete, good condition \_\_\_\_\_

Piers (materials\*/description): Bent with four piles, concrete, seven total \_\_\_\_\_

Alterations: Dates and Descriptions: metal guardrail, unknown date \_\_\_\_\_

Tender Station Description: none \_\_\_\_\_

\*Consult *Guide to the Historical Bridge Form* for preferred descriptions (coded fields at the Site File).

DHR USE ONLY		OFFICIAL EVALUATIONS		DHR USE ONLY	
NR DATE ____/____/____	KEEPER-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no			Date	____/____/____
DELIST DATE ____/____/____	SHPO-NR ELIGIBILITY: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> potentially elig. <input type="checkbox"/> insufficient info.			Date	____/____/____
	LOCAL DESIGNATION: _____			Date	____/____/____
	Local office _____				
National Register Criteria for Evaluation <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (See <i>National Register Bulletin 15</i> , p. 2)					

## HISTORY OF BRIDGE

Prior Fords, Ferries, or Bridges at this Location: unknown \_\_\_\_\_

Year(s) Built 1950 Still in use?  yes  no  restricted use (describe) \_\_\_\_\_

Bridge Use: original and current with dates (*Standard descriptions: auto, railway, pedestrian, fishing pier, abandoned*)\* \_\_\_\_\_

Auto (original and current) \_\_\_\_\_

Ownership history: County Highway Agency \_\_\_\_\_

Designers/Engineers: unknown \_\_\_\_\_

Builders/Contractors: unknown \_\_\_\_\_

Text of Plaque or Inscription (Write "None" if absent) none \_\_\_\_\_

Narrative History (How did the bridge come to be built? How was it financed, etc... If necessary, attach separate sheet) \_\_\_\_\_

\*Consult *Guide to the Historical Bridge Form* for preferred descriptions (coded fields at the Site File)

## RESEARCH METHODS (Check all choices that apply; if needed write others at bottom)

- |   |   |   |   |
|---|---|---|---|
| <input checked="" type="checkbox"/> FDOT database search      | <input type="checkbox"/> FL Photo Archives (Gray Building)      | <input type="checkbox"/> Local library research             | <input checked="" type="checkbox"/> Public Lands Survey Records |
| <input type="checkbox"/> HABS/HAER search                     | <input checked="" type="checkbox"/> Past surveys search at FMSF | <input type="checkbox"/> Local newspaper files              |   |
| <input checked="" type="checkbox"/> Past sites search at FMSF | <input type="checkbox"/> Non-local library research             | <input type="checkbox"/> Informal archaeological inspection |   |
| <input type="checkbox"/> FL Archives (Gray Building)          | <input type="checkbox"/> Informant interview                    | <input type="checkbox"/> Formal archaeological survey       |   |
| <input type="checkbox"/> Other methods (specify) _____        |   |   |   |

## SURVEYOR'S EVALUATION OF BRIDGE (Check one choice on each of first 3 lines)

Potentially eligible for a local register?  yes: name register at right  no  insufficient info. Name of local register if eligible: \_\_\_\_\_

Individually eligible for National Register?  yes  no  insufficient info. \_\_\_\_\_

Potential contributor to Nat. Reg. district?  yes  no  insufficient info. \_\_\_\_\_

Area(s) of historical significance (See *National Register Bulletin 15*, p. 8 for categories: e.g. "architecture", "ethnic heritage", "community planning & development", etc.)

Transportation; Engineering \_\_\_\_\_

Explanation of Evaluation (required, whether significant or not; limit to three lines; attach longer statement, if needed, on separate sheet)

This Beam/Girder bridge is an example of a common bridge style found throughout Manatee County, therefore, it is neither architecturally nor technologically significant. Thus, 8MA1477 does not appear eligible for listing in the NRHP. \_\_\_\_\_

## DOCUMENTATION (Photos, Plans, etc.)

Bibliographic References (Use Continuation Sheet, give FMSF Manuscript # if relevant) Jackson, Roy, ed. The Historic Highway Bridges of Florida.

Tallahassee: EMO, FDOT, 1992. National Bridge Inventory Structures Inventory & Appraisal, on file at FDOT District Structures & Facilities Office

PHOTOGRAPH IS REQUIRED. B&W prints preferred, at least 3 x 5. Either a long lateral view or an aerial view of whole bridge is required. Also, closeups of main spans, approach spans, tender's house, machinery, and decoration are all appropriate. Historical prints are encouraged. Location of negatives/negative file nos. Archaeological Consultants, Inc, Sarasota; Roll 9/27/06, photos 20-25. \_\_\_\_\_

## RECORDER

Name (last name first) / Address / Phone / Fax / Email / Affiliation Slovinac, Trish and Tesa Norman, Archaeological Consultants, Inc., \_\_\_\_\_

8110 Blaikie Court, Suite A, Sarasota, FL 34240 \_\_\_\_\_

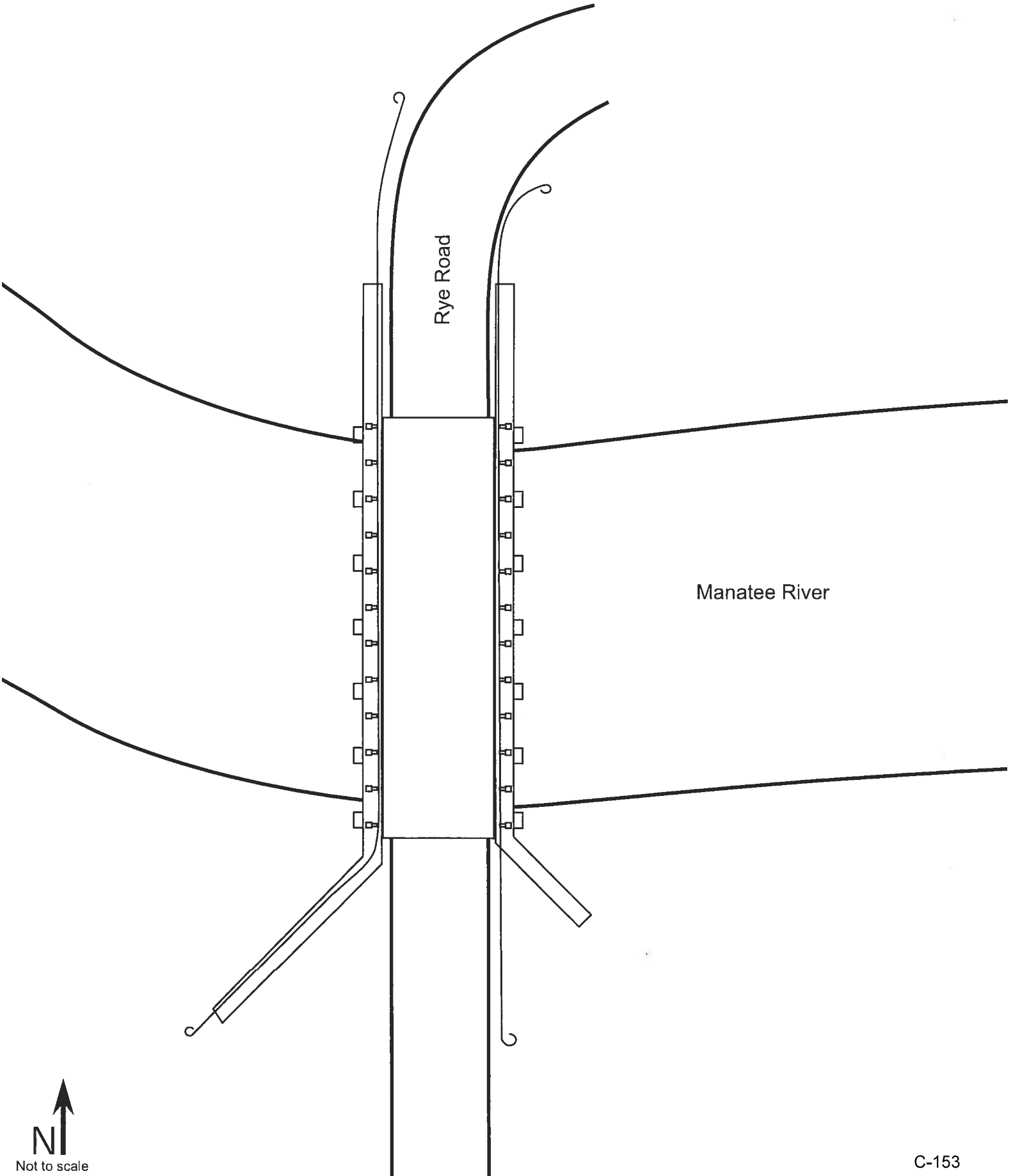
**REQUIRED: (1) 7.5' USGS MAP; (2) B & W PHOTOS; ATTACH SUPPLEMENTARY SHEETS IF NEEDED.**



PHOTOGRAPHS



STREET OR PLAT MAP



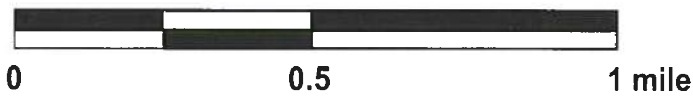
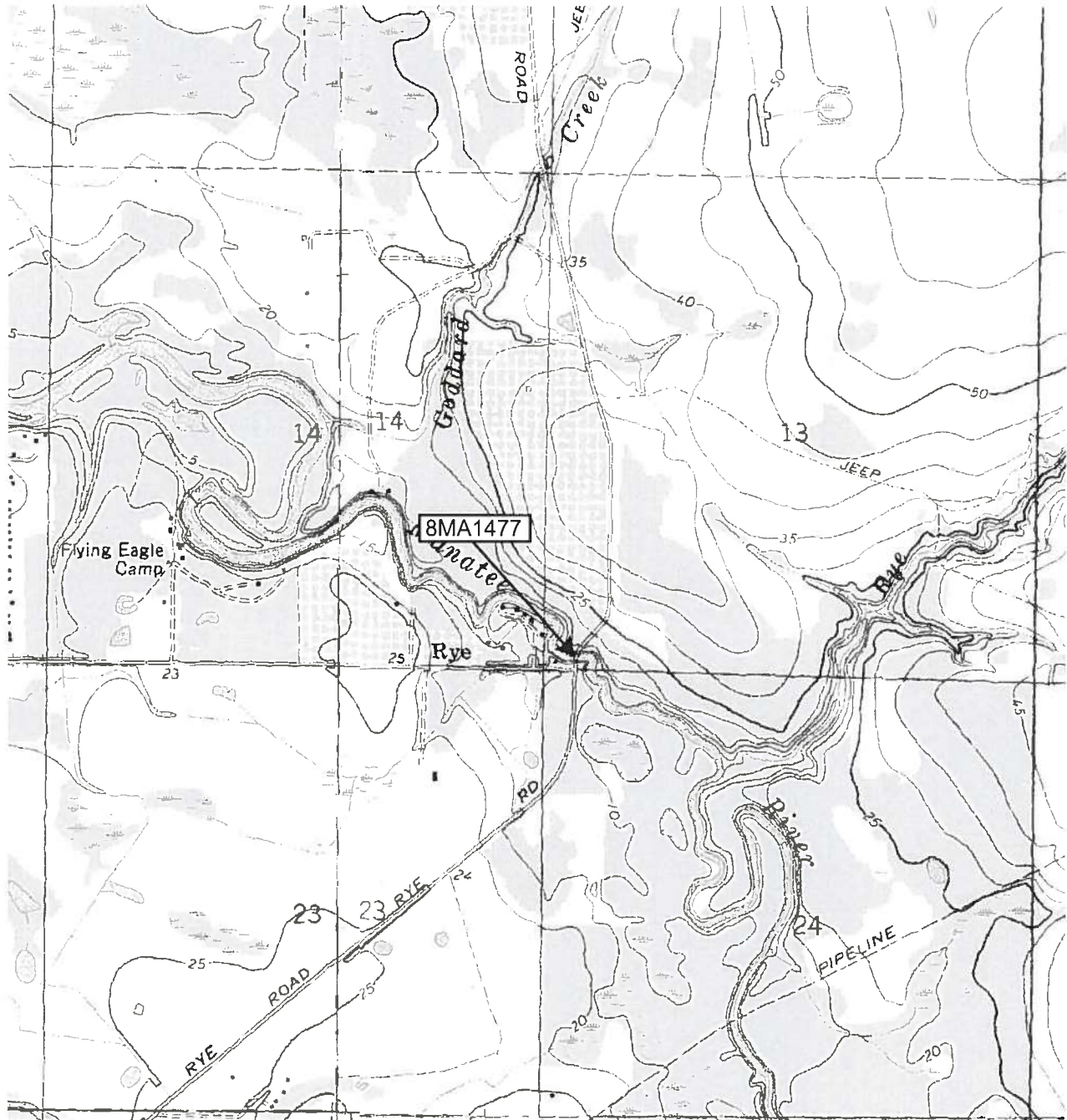
Rye Road

Manatee River



USGS MAP

Township 34 South, Range 19 East, Section 13  
Rye Fla. 1972, PR 1979





Bridge #134114 (previously #134022) looking north.



Bridge #134114 (previously #134022) looking northeast.



# HISTORICAL STRUCTURE FORM

Electronic Version 1.1.0

MA1524

Site #8 ~~MA01599~~  
 Recorder # 478700008  
 Field Date 6/13/2008  
 Form Date 6/14/2008  
 FormNo 200806  
 FormNo = Field Date (YYYYMM)

First Site Form Recorded for this Site? YES

## GENERAL INFORMATION

Site Name (address if none) Reed, Michael Todd Multiple Listing (DHR only) \_\_\_\_\_  
 Other Names \_\_\_\_\_ >> Reed, Gayle Wyland  
 Survey or Project Name Manatee Co. Historical Structures Survey Phase I Survey# \_\_\_\_\_  
 National Register Category Building(s)

## LOCATION & IDENTIFICATION

Street No.	Direction	Street Name	Street Type	Direction Suffix
<u>12125</u>		<u>US 301</u>	<u>Highway</u>	<u>North</u>

Cross Streets (nearest/ between) Between Doris Rd. & 64th St. E.  
 City / Town (within 3 miles) Parrish, FL 34219 In Current City Limits? \_\_\_\_\_  
 County Manatee Tax Parcel #(s) 478700008  
 Subdivision Name \_\_\_\_\_ Block \_\_\_\_\_ Lot \_\_\_\_\_  
 Ownership Private Individual  
 Name of Public Tract (e.g., park) \_\_\_\_\_  
 Route to (especially if no street address) Between Doris Rd. & 64th St. E.

## MAPPING

USGS 7.5' Map Name \_\_\_\_\_ Publication Date >> PARRISH; 1987  
 Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 section: \_\_\_\_\_ >> 33S ; 19E ; 327; Vague / Unknown  
 Irregular Section Name: \_\_\_\_\_  
 Landgrant \_\_\_\_\_  
 UTM: Zone 17 Easting 359273 Northing 3050731  
 Plat or Other Map (map's name, location) \_\_\_\_\_

## DESCRIPTION

Style Frame Vernacular Other Style \_\_\_\_\_  
 Exterior Plan Irregular Other Exterior Plan \_\_\_\_\_  
 Number of Stories 1  
 Structural System(s) >> Wood frame  
 Other Structural System(s) \_\_\_\_\_  
 Foundation Type(s) >> Unknown  
 Other Foundation Types \_\_\_\_\_  
 Foundation Material(s) >> Unspecified  
 Other Foundation Material(s) \_\_\_\_\_  
 Exterior Fabric(s) >> Vinyl  
 Other Exterior Fabric(s) \_\_\_\_\_  
 Roof Type(s) >> Flat  
 Other Roof Type(s) \_\_\_\_\_  
 Roof Material(s) >> Built-up  
 Other Roof Material(s) \_\_\_\_\_  
 Roof Secondary Structure(s) (dormers etc) >> Not applicable  
 Other Roof Secondary Structure(s) \_\_\_\_\_  
 Number of Chimneys 0  
 Chimney Material \_\_\_\_\_  
 Other Chimney Material(s) \_\_\_\_\_  
 Chimney Location(s) \_\_\_\_\_

# HISTORICAL STRUCTURE FORM

## DESCRIPTION (continued)

Window Descriptions 2/2 Single hung aluminum

Main Entrance Description (stylistic details) single door

Porches: #open \_\_\_\_\_ #closed \_\_\_\_\_ #incised \_\_\_\_\_ Location(s) \_\_\_\_\_

Porch Roof Types(s) \_\_\_\_\_

Exterior Ornament Cloth awning at entry

Interior Plan \_\_\_\_\_

Other Interior Plan \_\_\_\_\_

Condition Good

### Structure Surroundings

Commercial: \_\_\_\_\_ Residential: MOSTly this category

Institutional: \_\_\_\_\_ Undeveloped: SOME of this category

Ancillary Features (Number / type of outbuildings, major landscape features) \_\_\_\_\_

Archaeological Remains (describe): \_\_\_\_\_

If archaeological remains are present, was an Archaeological Site Form completed? \_\_\_\_\_

Narrative Description (optional) Modifications to this residence include the replacement of windows and doors. Vinyl siding has been added to the exterior walls.

## HISTORY

Construction year 1940

Architect (last name first): Unknown

Builder (last name first): Unknown

### Changes in Locations or Conditions

Type of Change	Year of Change	Date Change Noted	Description of Changes
>> Altered-not to standards;;			vinyl siding added, windows changed

### Structure Use History

Use \_\_\_\_\_ Year Use Started \_\_\_\_\_ Year Use Ended \_\_\_\_\_ >> Home--private;;

Other Structure Uses \_\_\_\_\_

Ownership History (especially original owner, dates, profession, etc.) Maxwell Fiske 1931-1983; Jessie M. Cannon 1983; Herbert Comer 1993-2005; Michael Todd Reed 2005-current

## RESEARCH METHODS

Research Methods \_\_\_\_\_ >> Examine local tax records

Other research methods Tax records

## SURVEYOR'S EVALUATION OF SITE

Potentially Eligible for a Local Register? YES

Name of Local Register if Eligible Parrish Historic District

Individually Eligible for National Register? NO

Potential Contributor to NR District? NO

Area(s) of historical significance \_\_\_\_\_ >> Architecture

Other Historical Associations \_\_\_\_\_

Explanation of Evaluation (required) Small non-distinctive altered structure. Property does not meet any of the National Register criteria for listing as a cultural resource.

# HISTORICAL STRUCTURE FORM

MA1524  
6/20/2009

## DOCUMENTATION (Photos, Plans, etc.)

Photographic Negatives or Other Collections Not Filed with FMSF, Including Field Notes, Plans, other Important Documents:

Document type: \_\_\_\_\_ Maintaining Organization: \_\_\_\_\_  
File or Accession #: \_\_\_\_\_ Descriptive Information: \_\_\_\_\_

>> \_\_\_\_\_

## RECORDER INFORMATION

Recorder Name (Last, First) Parks, John T.

Recorder Address / Phone 1609 Dr. Martin Luther King Jr. St. N. St. Petersburg, FL 33704 727-821-2986

Recorder Affiliation \_\_\_\_\_ Other Affiliation Benker Eich Parks Architects, Inc.

Is a Text-Only Supplement File Attached (Surveyor Only)? \_\_\_\_\_

## \*\*\*\*\* MASTER SITE FILE USE ONLY \*\*\*\*\*

Cultural Resource Type: SS

Electronic Form Used: S110

Form Type Code: NORM

Form Quality Ranking: NEW

Form Status Code: SCAT

Supplement Information Status: NO SUPPLEMENT

Supplement File Status: NO SUPPLEMENT FILE

FMSF Staffer: \_\_\_\_\_

Computer Entry Date: 2/5/2008

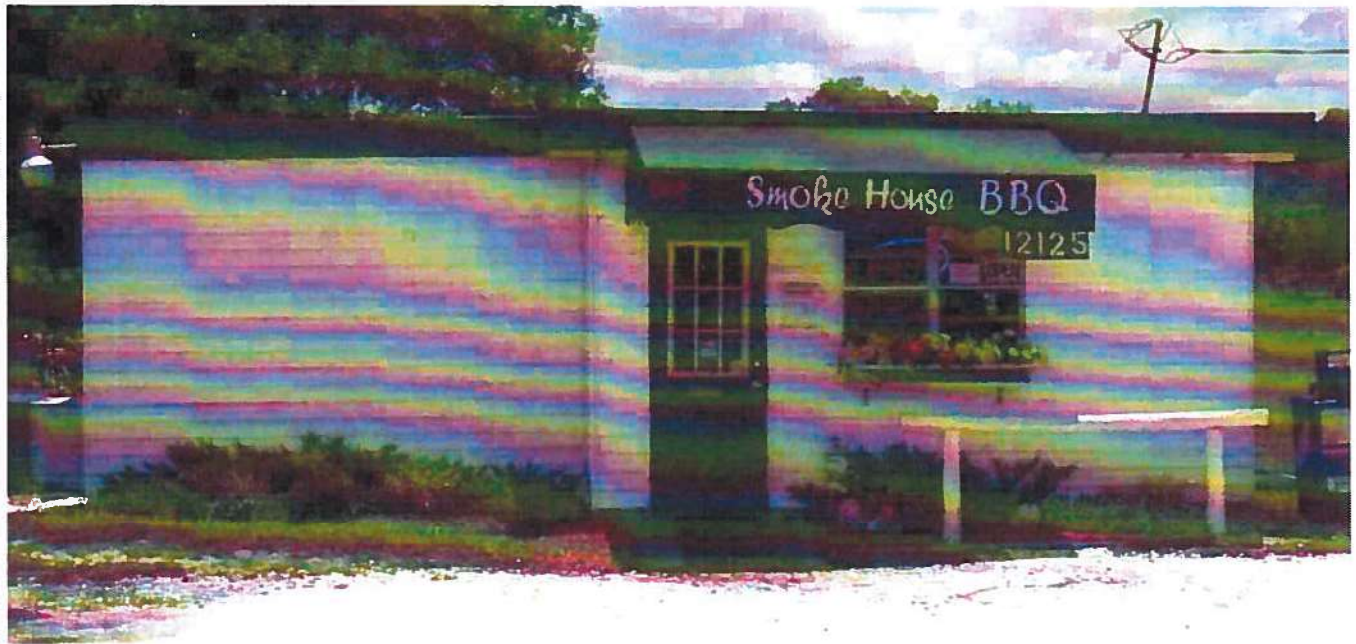
SHPO's Evaluation of Resource

\_\_\_\_\_ Date \_\_\_\_\_

Form Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### REQUIRED PAPER ATTACHMENTS

- (1) USGS 7.5" MAP WITH STRUCTURE PINPOINTED IN RED
- (2) LARGE SCALE STREET OR PLAT MAP
- (3) PHOTO OF MAIN FACADE, B&W, AT LEAST 3"X5"



MAIN FACADE



LARGE SCALE STREET MAP

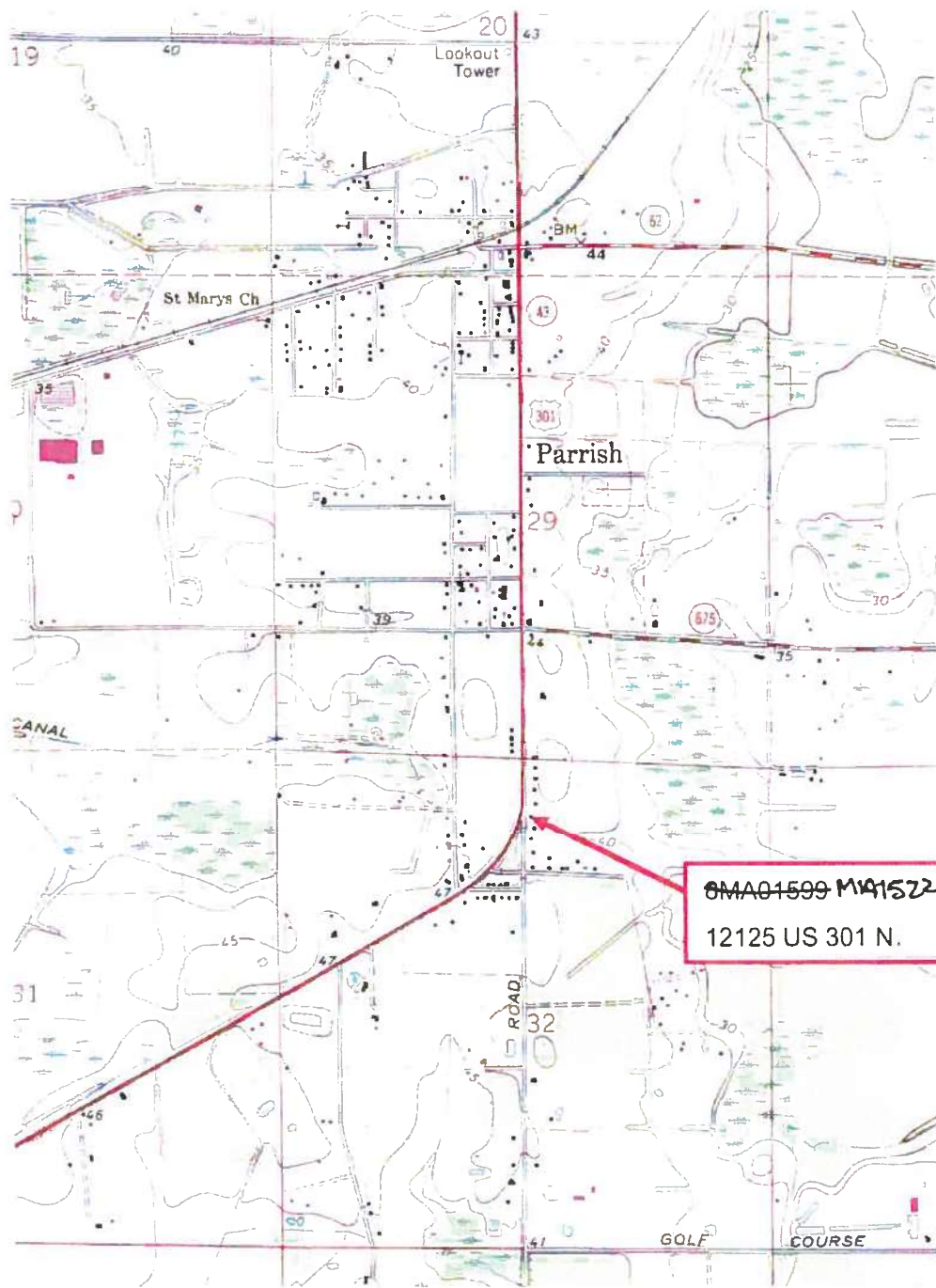


12125 US 301 N. PARRISH, FL 34219

8MA01599

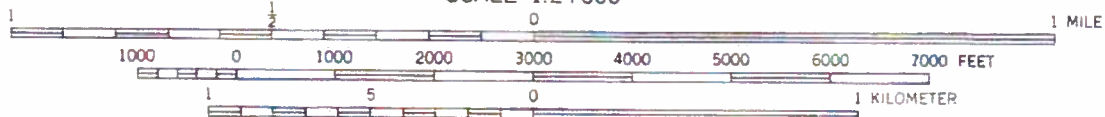
MA1524





USGS Parrish (FL) Quadrangle 1987

SCALE 1:24 000



12125 US 301 N. PARRISH, FL 34219

8MA01599

**APPENDIX C: Preliminary Pond Ranking for the Rye Road APE**

# **PROPOSED POND RANKING FORT HAMER BRIDGE EIS MANATEE COUNTY, FLORIDA**

## **Executive Summary**

This proposed pond ranking reflects background research for 17 Proposed Pond Sites for the Rye Road APE of the Fort Hamer Bridge EIS. This research indicates that, at this preliminary stage, no pond site needs to be avoided because of the presence of significant cultural resources. No archaeological sites have been recorded previously within any of the 17 Proposed Pond Sites. Based on environmental characteristics, as well as results of archaeological surveys performed in the project vicinity, each proposed pond site was determined to have a high, moderate, or low potential for the occurrence of prehistoric or historic sites. Of the 17 proposed pond sites, eight are considered to have a moderate probability for the occurrence of archaeological site, and the remainder are considered to have a low potential. Systematic archaeological survey will be conducted to identify cultural resources in selected pond sites. No historic structures (50 years of age or older) are located within or immediately adjacent to the proposed pond sites.

## **Results**

To assess the archaeological probability of the pond sites, the Soil Survey of Manatee County (USDA 1958, 1983), the Lorraine, Parrish, and Rye USGS quadrangle maps, and previous archaeological field surveys performed in the general pond areas (ACI 2001a, 2001b, 2004, 2006a, 2006b, 2010) were reviewed. Table 1 lists the proposed ponds with their assessed archaeological probabilities - Moderate Probability Zone (MPZ) and Low Probability Zone (LPZ).

Eight of the ponds are labeled as MPZ for the occurrence of prehistoric or historic archaeological sites based on soil drainage characteristics, proximity to fresh water, and the general elevation of the area, as well as their proximity to previously recorded archaeological sites or lack of sites despite previous archaeological survey. Although Proposed Pond Sites 7 and 10 are situated near natural drainages, they are located in general areas of previous archaeological survey, and, therefore, are considered to have moderate potential for sites as opposed to high potential. Proposed pond site 8 is located adjacent to a low-density historic surface scatter (8MA1344). However, subsurface testing in the site yielded negative results (ACI 2004). Thus, there were no high probability zones.

## **Conclusions**

In summary, based on the initial research described above, it appears that the use of the twelve proposed pond sites will have no adverse effect on any known National Register of Historic Places (NRHP)-eligible cultural resources. Following the final selection of pond sites, ACI will conduct systematic subsurface archaeological testing and provide the results in a second technical memorandum. Perhaps one or more small artifact scatter type archaeological sites may be found. This type of site is rarely eligible for listing in the NRHP.

**Table 1.** Proposed Pond Ranking.

<b>Pond Number</b>	<b>Soil Type</b>	<b>Soil Characteristics</b>	<b>Archaeological Potential*; Comments</b>
<b>Gulf Course Road</b>			
1	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	MPZ; No recorded cultural resources within or adjacent
2	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	LPZ; No recorded cultural resources within or adjacent
3	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	LPZ; No recorded cultural resources within or adjacent
4	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	LPZ; No recorded cultural resources within or adjacent
5	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	LPZ; No recorded cultural resources within or adjacent
<b>Rye Road</b>			
6	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	MPZ; No recorded cultural resources within or adjacent
7	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	MPZ; No recorded cultural resources within or adjacent. Near Goddard Creek, but located in previously surveyed area with negative results in pond area (ACI 2001)
8	Cassia fine sand, moderately well-drained	Nearly level; moderately well drained; on ridges and knolls on the uplands	MPZ; Adjacent archaeological site 8MA1344. Located in previously surveyed area (ACI 2004)
	Palmetto sand	Nearly level, poorly drained; on flatwoods	
	Tavares fine sand, 0-5% slopes	Moderately well drained; on ridges and knolls	
9	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	MPZ; No recorded cultural resources within or adjacent
10	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	MPZ; No recorded cultural resources within or adjacent. Near natural drainage, but located in previously surveyed area (ACI 2006).
<b>Golf Course Road to US 301</b>			
8A	Floridana fine sand	Nearly level; very poorly drained; on flatwoods	LPZ; No recorded cultural resources within or adjacent
9A	Palmetto sand	Nearly level; poorly drained; on flatwoods	LPZ; No recorded cultural resources within or adjacent
9B	Palmetto sand	Nearly level; poorly drained; on flatwoods	LPZ; No recorded cultural resources within or adjacent

Pond Number	Soil Type	Soil Characteristics	Archaeological Potential*; Comments
10A	Orlando fine sand, moderately wet	Nearly level; moderately well drained; on uploads	LPZ; No recorded cultural resources within or adjacent; located in previously surveyed area (ACI 2006, 2010)
10B	Orlando fine sand, moderately wet	Nearly level; moderately well drained; on uploads	LPZ; No recorded cultural resources within or adjacent; located in previously surveyed area (ACI 2006, 2010)
11	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	MPZ; No recorded cultural resources within or adjacent
	Wabasso fine sand	Nearly level, poorly drained; on flatwoods	
12	EauGallie fine sand	Nearly level, poorly drained; on flatwoods	MPZ; No recorded cultural resources within or adjacent
	Wabasso fine sand	Nearly level, poorly drained; on flatwoods	

\*Proposed ponds ranked by Zones of Archaeological Probability: MPZ=Moderate Probability; LPZ=Low Probability; there were no zones of High Probability.

### References Cited

#### Archaeological Consultants, Inc. (ACI)

- 2001a A Cultural Resources Assessment Survey Upper Manatee River Road from SR 64 to US 301, Manatee County, Florida. ACI, Sarasota.
- 2001b A Cultural Resources Assessment Survey River Chase Subdivision, Manatee County, Florida. ACI, Sarasota.
- 2004 Cultural Resource Assessment Survey Waters Edge, Florida. ACI, Sarasota.
- 2006a Cultural Resource Assessment Woodbridge Property, Florida. ACI, Sarasota.
- 2006b A Cultural Resources Assessment Survey US 301 (SR 43)/Fort Hamer Road Intersection Safety Improvement Project Development and Environmental (PD&E) Study, Manatee County, Florida. ACI, Sarasota.
- 2010 A Cultural Resources Assessment Survey Manatee County Intersection Improvements at US 301 (SR 43) and Fort Hamer Road, Manatee County, Florida. ACI, Sarasota.

#### United States Department of Agriculture (USDA)

- 1958 *Soil Survey of Manatee County*, U.S. Government Printing Office, Washington, D.C.
- 1983 *Soil Survey of Manatee County*, U.S. Government Printing Office, Washington, D.C.

#### United States Geological Survey (USGS)

- 1972 Rye, Fla., Photorevised 1979.
- 1973 Lorraine, Fla., Photorevised 1987.
- 1973 Parrish, Fla., Photorevised 1987.

**APPENDIX D: SHPO Letters**



FLORIDA DEPARTMENT OF STATE  
Sandra B. Mortham  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

February 23, 1998

Mr. Richard W. Estabrook  
Janus Research  
P.O. Box 919  
St. Petersburg, Florida 33731

In Reply Refer To:  
Frank J. Keel  
Historic Preservation Planner  
Project File No. 980853

RE: Cultural Resource Assessment Review Request  
*Cultural Resource Assessment Survey for the Wading Bird Golf and Country Club  
Project Site in Manatee County, Florida February 1998*

Dear Mr. Estabrook:

In accordance with the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), as well as with the provision contained in Chapter 1A-46, *Florida Administrative Code*, we have reviewed the results of the field survey for the referenced project and find them to be complete and sufficient.

We note that three previously unrecorded archaeological sites (8MA1003-1005), two two previously unrecorded historic structures (8MA1006 and 1007), and one previously recorded archaeological site, the Fort Hamer site (8MA315), were located and assessed during the course of this survey. Based on data obtained, archaeological sites 8MA1003-1005 and the historic structures were determined to be ineligible for listing in the *National Register of Historic Places*. We concur with this determination.

With regards to the Fort Hamer site, we have consulted with Henry Baker, Bureau of Archaeological Research and concur with your determination the site is potentially eligible for listing in the National Register and that significant portions of the is likely to occur in the project area. Therefore, it is the recommendation of this agency that the site being plotted on all project maps and avoided. If avoidance is not feasible, Phase II testing will need to be conducted in order to better assess site significance and to mitigate adverse project impacts. The final results of this testing would then need to be forwarded to this office to complete the review process.

Mr. Baker has conducted investigations at Fort Chokonikla, a similar site at the Paynes Creek State Historic Site. The results of the investigations and earlier investigations by James Miller can be obtained by contacting Henry Baker at (850) 487-2299.

DIRECTOR'S OFFICE

R.A. Gray Building • 500 South Bronough Street • Tallahassee, Florida 32399-0250 • (850) 488-1480  
FAX: (850) 488-3353 • WWW Address <http://www.dos.state.fl.us>

ARCHAEOLOGICAL RESEARCH  
(850) 487-2299 • FAX: 414-2207

HISTORIC PRESERVATION  
(850) 487-2333 • FAX: 922-0496

HISTORICAL MUSEUMS  
(850) 488-1484 • FAX: 921-2503

Mr. Estabrook  
February 23, 1998  
Page 2

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

*Laura A. Kammerer*  
*for* George W. Percy, Director  
Division of Historical Resources  
and  
State Historic Preservation Officer

GWP/Kfk  
Enclosure (1)





FLORIDA DEPARTMENT OF STATE  
Sandra B. Mortham  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

May 1, 1998

Mr. Richard W. Estabrook  
Janus Research  
P.O. Box 919  
St. Petersburg, Florida 33731

In Reply Refer To:  
Frank J. Keel  
Historic Preservation Planner  
Project File No. 982638

RE: Cultural Resource Assessment Review Request  
*Phase II Archaeological Investigations of the Fort Hamer Site (8MA315) in  
Manatee County, Florida.* By Janus Research, April 1998.

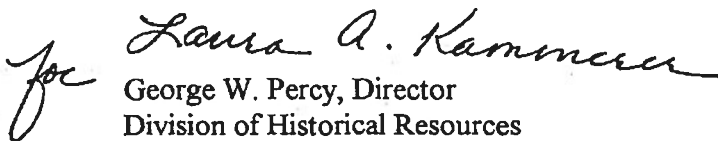
Dear Mr. Estabrook:

In accordance with the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), as well as with the provision contained in Section 373.414, *Florida Statutes* and Chapter 1A-46, *Florida Administrative Code*, we have reviewed the results of the archaeological investigations for the referenced project and find them to be complete and sufficient.

We note that the additional archaeological investigations conducted at the Fort Hamer (8MA315) failed to produce evidence of subsurface features. We concur with your determination that the portion of the Fort Hamer site within the project area is not eligible for listing in the National Register. Therefore, it is the opinion of this office that the project area will have no effect on historic properties listed or eligible for listing in the *National Register of Historic Places*, or otherwise of historical or archaeological value.

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

  
George W. Percy, Director  
Division of Historical Resources

and  
State Historic Preservation Officer

GWP/Kfk

DIRECTOR'S OFFICE

R.A. Gray Building • 500 South Bronough Street • Tallahassee, Florida 32399-0250 • (850) 488-1480  
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DIVISIONS OF FLORIDA DEPARTMENT OF STATE  
Office of the Secretary  
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Division of Licensing  
Division of Administrative Services



P99060

P99060

MEMBER OF THE FLORIDA CABINET  
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Department of Revenue  
Department of Law Enforcement  
Department of Highway Safety and Motor Vehicles  
Department of Veterans' Affairs

FLORIDA DEPARTMENT OF STATE  
Katherine Harris  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

Mr. James E. St. John  
U.S. Department of Transportation  
Federal Highway Administration, Florida Division  
227 N. Bronough Street, Suite 2015  
Tallahassee, Florida 32301

October 26, 2001

Re: DHR No. 2001-09120 / Additional Information Received October 26, 2001  
*A Cultural Resource Assessment Survey, Upper Manatee River Road from SR 64 to US 301, Manatee County, Florida*

Dear Mr. St. John:

Our office has received the referenced project in accordance with Section 106 of the *National Historic Preservation Act of 1966* (Public Law 89-665), as amended in 1992, and *36 C.F.R., Part 800: Protection of Historic Properties*, Chapters 267, *Florida Statutes*, and implementing state regulations, for possible impact to historic properties listed, or eligible for listing, in the *National Register of Historic Places*, or otherwise of historical, architectural or archaeological value. The State Historic Preservation Officer is to advise and assist state and federal agencies when identifying historic properties, assessing effects upon them, and considering alternatives to avoid or minimize adverse effects.

Results of the survey indicate that 14 previously unrecorded historic buildings (8MA1213 – 8MA1226) and one previously recorded historic building (8MA763) were identified. In addition, the location of one previously recorded archaeological site (8MA315) was investigated. Previously recorded building 8MA763 has been determined ineligible for listing in the *National Register of Historic Places*. Due to extensive modifications and lack of significant historical association, none of the newly recorded historic buildings are considered eligible for listing in the *National Register*. Based on the information provided, this agency concurs with these determinations and finds the submitted report complete and sufficient.

Archaeological testing within the vicinity of site 8MA315 resulted in the recovery of a single military button that dates between 1837 and 1865. No subsurface features were identified. Although it is evident that nineteenth-century military activities took place in the vicinity, data recovered from this specific location are not indicative of a significant cultural resource (FMSF Survey #5270, DHR #1998-2638). However, due to the unique nature of this site, it is possible that standard archaeological sampling may have been unsuccessful in locating intact, discrete activity areas resultant from historic construction and habitation of the Fort Hamer compound. This project will impact the portion of 8MA315 located within the proposed right-of-way, unlike previous projects (DHR #1998-2638). Therefore, it is the opinion of this office that prior to any ground disturbing activities, controlled stripping supervised by a professional archaeologist should be conducted within the area recorded as site 8MA315. A report that describes the findings of this investigation must be forwarded to this office for review.

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- |   |  |   |   |
|---|--|---|---|
| <input type="checkbox"/> Director's Office<br>(850) 245-6300 • FAX: 245-6435          | <input type="checkbox"/> Archaeological Research<br>(850) 245-6444 • FAX: 245-6436       | <input checked="" type="checkbox"/> Historic Preservation<br>(850) 245-6333 • FAX: 245-6437 | <input type="checkbox"/> Historical Museums<br>(850) 245-6400 • FAX: 245-6433 |
| <input type="checkbox"/> Palm Beach Regional Office<br>(561) 279-1475 • FAX: 279-1476 | <input type="checkbox"/> St. Augustine Regional Office<br>(904) 825-5045 • FAX: 825-5044 | <input type="checkbox"/> Tampa Regional Office<br>(813) 272-3843 • FAX: 272-2340            |   |

Mr. St. John  
October 26, 2001  
Page 2

If you have any questions concerning our comments, please contact Mary Beth Fitts, Historic Sites Specialist, at [mbfitts@mail.dos.state.fl.us](mailto:mbfitts@mail.dos.state.fl.us) or (850) 245-6333. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,



Jane Snyder Matthews, Ph.D., Director, and  
State Historic Preservation Officer

Xc: Mr. Richard Combs, FDOT District 1 – EMO

207020



RECEIVED  
SEP 15 2004  
BY:

FLORIDA DEPARTMENT OF STATE  
**Glenda E. Hood**  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

Ms. Marion Almy  
Archaeological Consultants, Inc.  
8110 Blaikie Court, Suite A  
Sarasota, FL 34240

September 9, 2004

Re: DHR Project File No. 2004-7727 (2004-5812, 2004-5815)/ Received by DHR: August 9, 2004  
*Cultural Resource Assessment Survey Waters Edge Development, Manatee County, Florida.*  
Southwest Florida Water Management District Application No.: 4402727.000, 44027141000

Dear Ms. Almy:

Our office received and reviewed the above referenced survey report in accordance with procedures outlined in Chapters 267 and 373 of the *Florida Statutes*, for possible adverse impact to historic properties listed or eligible for listing in the *National Register of Historic Places (NRHP)*, or otherwise of historical, architectural or archaeological value.

In March 2004, Archaeological Consultants, Inc. (ACI) conducted an archaeological and historical survey of the Waters Edge Development project area in Manatee County. Three previously unrecorded archaeological sites and one previously unrecorded historic cemetery were identified within the project area during the investigation.

The Waters Edge Historic Scatter site (8MA1344), a Late 19<sup>th</sup>–Early 20<sup>th</sup> Century surface artifact scatter, was identified within the project area. Due to low density, low diversity, low research potential and the lack of intact features or cultural strata, it is the opinion of ACI that 8MA1344 does not appear eligible for listing in the *NRHP*.

The Waters Edge Prehistoric site (8MA1345), a Middle-Archaic lithic scatter, was identified within the project area. Due to low density, low diversity, low research potential and the lack of intact features or cultural strata, it is the opinion of ACI that 8MA1345 does not appear eligible for listing in the *NRHP*.

The Waters Edge Multi-component site (8MA1346), a Late 19<sup>th</sup>–Early 20<sup>th</sup> Century surface artifact scatter and a prehistoric lithic scatter, was identified within the project area. Due to low density, low diversity, low research potential and the lack of intact features or cultural strata, it is the opinion of ACI that 8MA1346 does not appear eligible for listing in the *NRHP*.

The Rye Bridge Mound site (8MA715), a prehistoric mound, was previously recorded within the project area. Evidence of this site was not identified within the project area, therefore it is the opinion of ACI that the portion of 8MA715 located within the project area does not appear eligible for listing in the *NRHP*.

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- |   |  |   |   |
|---|--|---|---|
| <input type="checkbox"/> Director's Office<br>(850) 245-6300 • FAX: 245-6435          | <input type="checkbox"/> Archaeological Research<br>(850) 245-6444 • FAX: 245-6436       | <input checked="" type="checkbox"/> Historic Preservation<br>(850) 245-6333 • FAX: 245-6437 | <input type="checkbox"/> Historical Museums<br>(850) 245-6400 • FAX: 245-6433 |
| <input type="checkbox"/> Palm Beach Regional Office<br>(561) 279-1475 • FAX: 279-1476 | <input type="checkbox"/> St. Augustine Regional Office<br>(904) 825-5045 • FAX: 825-5044 | <input type="checkbox"/> Tampa Regional Office<br>(813) 272-3843 • FAX: 272-2340            |   |

Ms. Almy  
September 9, 2004  
Page 2

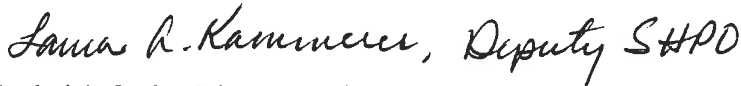
The Mitchellville Cemetery (8MA1343), a late 19<sup>th</sup> Century historic cemetery, was identified within the project area. Due to low research potential and deteriorated state, it is the opinion of ACI that 8MA1343 does not appear eligible for listing in the *NRHP*. ACI recommends that the legal boundaries be physically delineated by a fenced cemetery area within the Waters Edge development. ACI recommends no further investigation of the subject parcel.

It is the opinion of this office that should construction activities occur within 20 meters of the legal boundaries of 8MA1343, a professional archaeologist should monitor the construction activities since burials often occur outside boundaries of historic cemeteries.

Based on the information provided, our office concurs with these determinations and finds the submitted report complete and sufficient in accordance with Chapter 1A-46, *Florida Administrative Code*.

If you have any questions concerning our comments, please contact Ron Grayson, Historic Sites Specialist, by phone at (850) 245-6333, or by electronic mail at [rgrayson@dos.state.fl.us](mailto:rgrayson@dos.state.fl.us). Your continued interest in protecting Florida's historic properties is appreciated.

Sincerely,

*for*  Laura R. Kammerer, Deputy SHPO

Frederick Gaske, Director, and  
State Historic Preservation Officer

Xc: BJ Jarvis – Director, Southwest Florida Water Management District



FLORIDA DEPARTMENT OF STATE  
Glenda E. Hood  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

Ms. Manu Chacko  
U.S. Department of Transportation  
Federal Highway Administration, Florida Division  
545 John Knox Road, Suite 200  
Tallahassee, FL 32303

July 19, 2005

RE: DHR Project File Number: 2005-3943  
Received by DHR: April 18, 2005  
Financial Project ID No.: 199668 1 22 01  
Federal-aid Project No.: 8888 650 A  
Project: Upper Manatee River PD&E Study, Manatee County, Florida.

Dear Ms. Chacko:

Our office received and reviewed the above referenced project in accordance with Section 106 of the *National Historic Preservation Act of 1966*, as amended, *36 CFR Part 800: Protection of Historic Properties*, and Chapter 267, *Florida Statutes*. It is the responsibility of the State Historic Preservation Officer to advise and assist, as appropriate, Federal and State agencies in carrying out their historic preservation responsibilities; to cooperate with Federal and State agencies to ensure that historic properties are taken into consideration at all levels of planning and development; and to consult with the appropriate Federal agencies in accordance with the *National Historic Preservation Act of 1966*, as amended, on Federal undertakings that may affect historic properties and the content and sufficiency of any plans developed to protect, manage, or to reduce or mitigate harm to such properties.

The submitted Cultural Resources Assessment Survey (CRAS) included extensive documentary research concerning the history of Fort Hamer and the Seminole emigration from this post. This was conducted in order to provide a thorough examination into the daily operations of the fort and its cultural and historical associations. Through these means, this study was successful in documenting the history of Fort Hamer.

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Director's Office  
(850) 245-6300 • FAX: 245-6436

Archaeological Research  
(850) 245-6444 • FAX: 245-6436

Historic Preservation  
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Historical Museums  
(850) 245-6400 • FAX: 245-6433

Southeast Regional Office  
(954) 467-4990 • FAX: 467-4991

Northeast Regional Office  
(904) 825-5045 • FAX: 825-5044

Central Florida Regional Office  
(813) 272-3843 • FAX: 272-2340

Ms. Manu Chacko  
July 18, 2005  
Page 2

Based on the information provided in the submitted CRAS, it is the opinion of the Federal Highway Administration (FHWA) that the proposed undertaking will have no effect on any historic properties within the project Area of Potential Effect (APE) listed, determined eligible, or potentially eligible for listing in the *National Register of Historic Places*. Our office concurs with this determination and finds the submitted report complete and sufficient.

However, in the event of fortuitous finds during project development (such as archaeological artifacts or features), it is the recommendation of our office that construction cease in the immediate area of the discovery until a qualified professional archaeologist can assess the significance of the discovery. If the finds are determined potentially significant, please contact our office immediately to continue consultation on this project.

If you have any questions concerning our comments, please contact Brian Yates, Compliance Review Archaeologist, by electronic mail [byates@dos.state.fl.us](mailto:byates@dos.state.fl.us), or at 850-245-6372.

Sincerely,

*Barbara C. Mattick*  
*Deputy SHPO for Survey & Registration*

*fr* Frederick P. Gaske, Director, and  
State Historic Preservation Officer

XC: Dick Coombs, FDOT District One, EMO  
Gwen Pipkin, FDOT District One  
Marion Almy, Archaeological Consultants, Inc.

PO6115



FLORIDA DEPARTMENT OF STATE  
Sue M. Cobb  
Secretary of State  
DIVISION OF HISTORICAL RESOURCES

RECEIVED  
AUG 27 2006  
HISTORICAL  
MANAGEMENT OFFICE

David C. Gibbs  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, FL 32303

August 22, 2006

RE: DHR Project File Number: 2006-7231  
Received by DHR: August 18, 2006  
Financial Project ID Number: 198230-1-22-08  
Project: *A Cultural Resource Assessment Survey State US 301 (SR 43) Fort Hamer Road Intersection Safety Improvement Project Development and Environmental (PD&E) Study, Manatee County*

Dear Mr. Gibbs:

Our office received and reviewed the above referenced project in accordance with Section 106 of the *National Historic Preservation Act of 1966* as amended and *36 CFR Part 800: Protection of Historic Properties*, and Chapter 267, *Florida Statutes*. It is the responsibility of the State Historic Preservation Officer to advise and assist, as appropriate, Federal and State agencies in carrying out their historic preservation responsibilities; to cooperate with Federal and State agencies to ensure that historic properties are taken into consideration at all levels of planning and development; and to consult with the appropriate Federal agencies in accordance with the *National Historic Preservation Act of 1966*, as amended, on Federal undertakings that may affect historic properties and the content and sufficiency of any plans developed to protect, manage, or to reduce or mitigate harm to such properties.

A cultural resource assessment survey has been conducted for the intersection improvement project. No previously recorded archaeological sites were identified. Sixty-nine shovel tests and ground observation did not locate any archaeological sites. Three historic resources (8MA763, 8MA1217, and 8MA1219) had been previously recorded. Three additional historic structures were recorded in this survey (8MA1468, 8MA1469, and 8MA1470). None of the previously or newly recorded historic resources were determined eligible for listing in the *National Register of Historic Places (NRHP)*.

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- Archaeological Research (850) 245-6444 • FAX: 245-6450
- Historic Preservation (850) 245-6333 • FAX: 245-6437
- Historical Museums (850) 245-6400 • FAX: 245-6433
- Palm Beach Regional Office (561) 279-1475 • FAX: 279-1476
- St. Augustine Regional Office (904) 825-5045 • FAX: 825-5044
- Tampa Regional Office (813) 272-3843 • FAX: 272-2340

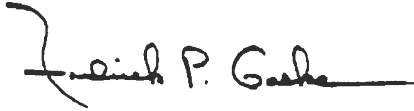


Mr. David C. Gibbs  
Page 2  
August 22, 2006

As a result, the Federal Highway Administration concluded that the project will have no effect on historic properties listed, or considered eligible for listing in the *NRHP*, or otherwise of historical or archaeological value. Based on the information provided, our office finds the submitted report complete and sufficient and concurs with this finding.

If you have any questions, please contact Duane Denfeld, Architectural Historian, Transportation Compliance Review Program, by email [dhdinfeld@dos.state.fl.us](mailto:dhdinfeld@dos.state.fl.us) or at 850-245-6430.

Sincerely,

A handwritten signature in black ink that reads "Frederick P. Gaske". The signature is written in a cursive style with a large, sweeping initial "F".

Frederick P. Gaske, Director, and  
State Historic Preservation Officer

XC: Ms. Elizabeth Serdynski

**APPENDIX E: Survey Log**

Ent D (FMSF only) \_\_\_\_\_



# Survey Log Sheet

Florida Master Site File  
Version 4.1 1/07

Survey # (FMSF only) \_\_\_\_\_

Consult *Guide to the Survey Log Sheet* for detailed instructions.

## Identification and Bibliographic Information

Survey Project (name and project phase) Fort Hamer Bridge EIS, Phase I

Report Title (exactly as on title page) Cultural Resource Assessment Survey, Fort Hamer Bridge EIS, Manatee County, Florida

Report Authors (as on title page, last names first) 1. Almy, Marion 3. Lumang, Marielle  
2. Hutchinson, Lee 4. \_\_\_\_\_

Publication Date (year) 2011 Total Number of Pages in Report (count text, figures, tables, not site forms) 78

Publication Information (Give series, number in series, publisher and city. For article or chapter, cite page numbers. Use the style of *American Antiquity*.)  
P1121A, ACI, Sarasota

Supervisors of Fieldwork (even if same as author) Names Marion Almy

Affiliation of Fieldworkers: Organization Archaeological Consultants Inc City Sarasota

Key Words/Phrases (Don't use county name, or common words like *archaeology, structure, survey, architecture, etc.*)

1. Ft. Hamer 3. \_\_\_\_\_ 5. \_\_\_\_\_ 7. \_\_\_\_\_  
2. Rye 4. \_\_\_\_\_ 6. \_\_\_\_\_ 8. \_\_\_\_\_

Survey Sponsors (corporation, government unit, organization or person directly funding fieldwork)

Name URS Corporation Organization \_\_\_\_\_

Address/Phone/E-mail 7650 West Courtney Campbell Causeway, Tampa, FL 33607

Recorder of Log Sheet Lee Hutchinson Date Log Sheet Completed 5-26-2011

Is this survey or project a continuation of a previous project?  No  Yes: Previous survey #s (FMSF only) \_\_\_\_\_

## Mapping

Counties (List each one in which field survey was done; attach additional sheet if necessary)

1. Manatee 3. \_\_\_\_\_ 5. \_\_\_\_\_  
2. \_\_\_\_\_ 4. \_\_\_\_\_ 6. \_\_\_\_\_

USGS 1:24,000 Map Names/Year of Latest Revision (attach additional sheet if necessary)

1. Name LORRAINE Year 1973 4. Name \_\_\_\_\_ Year \_\_\_\_\_  
2. Name PARRISH Year 1973 5. Name \_\_\_\_\_ Year \_\_\_\_\_  
3. Name RYE Year 1972 6. Name \_\_\_\_\_ Year \_\_\_\_\_

## Description of Survey Area

Dates for Fieldwork: Start \_\_\_\_\_ End \_\_\_\_\_ Total Area Surveyed (fill in one) \_\_\_\_\_ hectares \_\_\_\_\_ acres

Number of Distinct Tracts or Areas Surveyed 6

If Corridor (fill in one for each) Width: \_\_\_\_\_ meters \_\_\_\_\_ feet Length: \_\_\_\_\_ kilometers 11.4 miles

Research and Field Methods

Types of Survey (check all that apply): archaeological architectural historical/archival underwater
damage assessment monitoring report other(describe): \_\_\_\_\_

Scope/Intensity/Procedures This report is a compilation of reports for the area conducted since 2001 (2001-2011); scope, etc. was variable

Preliminary Methods (check as many as apply to the project as a whole)

Florida Archives (Gray Building) library research- local public local property or tax records other historic maps
Florida Photo Archives (Gray Building) library-special collection - nonlocal newspaper files soils maps or data
Site File property search Public Lands Survey (maps at DEP) literature search windshield survey
Site File survey search local informant(s) Sanborn Insurance maps aerial photography
other (describe): \_\_\_\_\_

Archaeological Methods (check as many as apply to the project as a whole)

Check here if NO archaeological methods were used.
surface collection, controlled shovel test-other screen size block excavation (at least 2x2 m)
surface collection, uncontrolled water screen soil resistivity
shovel test-1/4" screen posthole tests magnetometer
shovel test-1/8" screen auger tests side scan sonar
shovel test 1/16" screen coring pedestrian survey
shovel test-unscreened test excavation (at least 1x2 m) unknown
other (describe): ACI 2001, 2005, 2006, 2007, 2010

Historical/Architectural Methods (check as many as apply to the project as a whole)

Check here if NO historical/architectural methods were used.
building permits demolition permits neighbor interview subdivision maps
commercial permits exposed ground inspected occupant interview tax records
interior documentation local property records occupation permits unknown
other (describe): \_\_\_\_\_

Survey Results (cultural resources recorded)

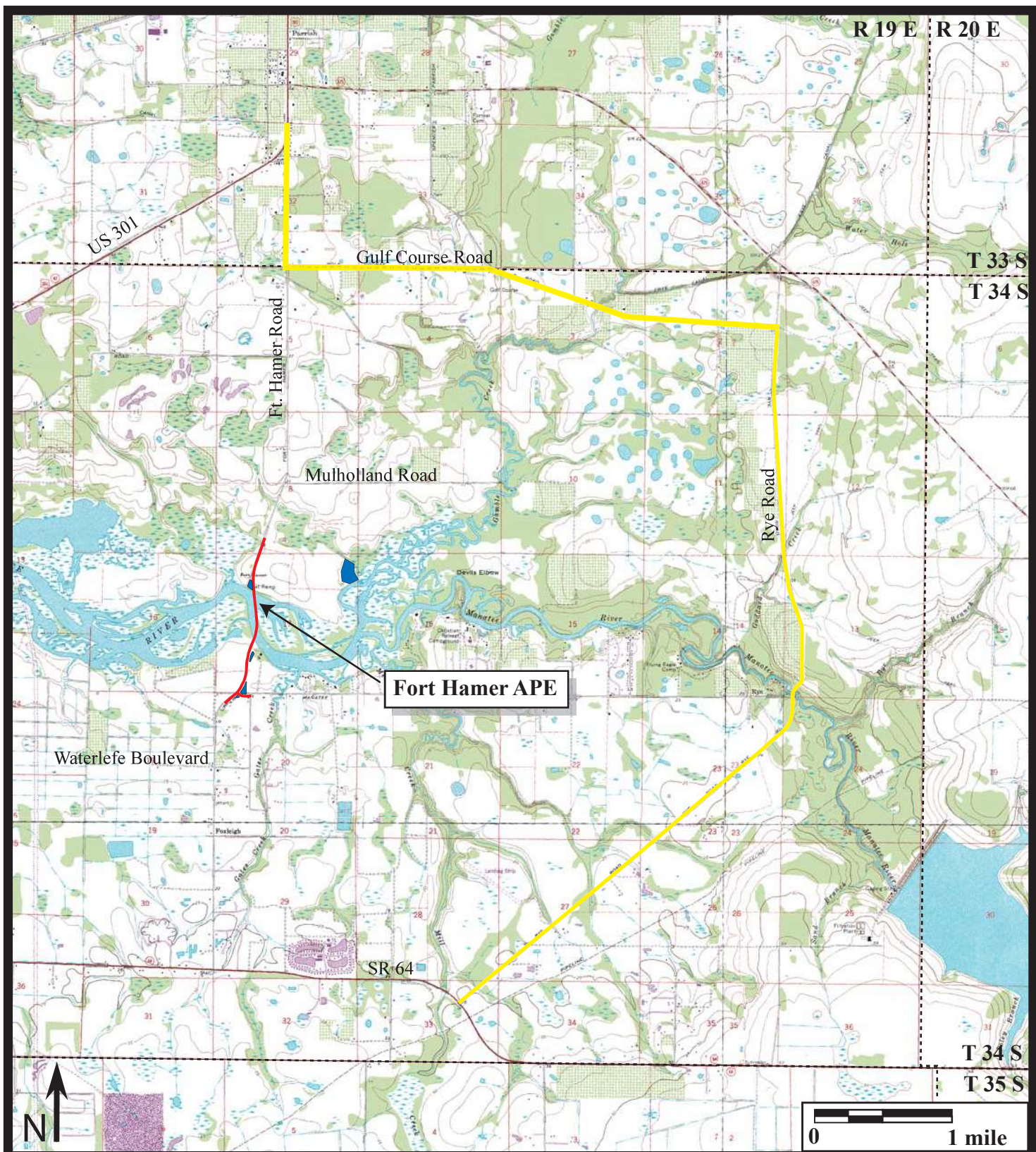
Site Significance Evaluated? Yes No
Count of Previously Recorded Sites 16 Count of Newly Recorded Sites \_\_\_\_\_
Previously Recorded Site #'s with Site File Update Forms (List site #'s without "8". Attach additional pages if necessary.) MA315, MA1216-1218; MA1220, MA1222-1226, MA1472, MA1474-MA1477, MA1524

Newly Recorded Site #'s (Are all originals and not updates? List site #'s without "8". Attach additional pages if necessary.) \_\_\_\_\_

Site Forms Used: Site File Paper Form Site File Electronic Recording Form

\*\*\*REQUIRED: ATTACH PLOT OF SURVEY AREA ON PHOTOCOPY OF USGS 1:24,000 MAP(S)\*\*\*

SHPO USE ONLY SHPO USE ONLY SHPO USE ONLY
Origin of Report: 872 CARL UW 1A32 # \_\_\_\_\_ Academic Contract Avocational
Grant Project # \_\_\_\_\_ Compliance Review: CRAT # \_\_\_\_\_
Type of Document: Archaeological Survey Historical/Architectural Survey Marine Survey Cell Tower CRAS Monitoring Report
Overview Excavation Report Multi-Site Excavation Report Structure Detailed Report Library, Hist. or Archival Doc
MPS MRA TG Other: \_\_\_\_\_
Document Destination: \_\_\_\_\_ Plotability: \_\_\_\_\_



**Fort Hamer APE**

Environmental setting of the Fort Hamer Bridge EIS project. Townships 33 and 34 South, Range 19 East, (Parrish, Fla. 1973, PR 1987; Rye, Fla. 1972, PI 1979; Lorraine, Fla. 1973, PR 1987; Verna, Fla. 1973, PR 1979). The Fort Hamer corridor is shown in red, the Rye Road corridor is in yellow, and the pond sites and mitigation site are shown in blue.

**CRAS**  
**Fort Hamer Bridge EIS**  
**Manatee County, Florida**

**DEPARTMENT OF HOMELAND SECURITY  
U.S. COAST GUARD FINAL ENVIRONMENTAL IMPACT STATEMENT**

**FOR**

**PROPOSED NEW BRIDGE ACROSS THE MANATEE RIVER, MILE 15.0,  
AT PARRISH, MANATEE COUNTY, FLORIDA**

**APPENDIX D**

**WETLANDS  
EVALUATION REPORT**

**JANUARY 2014**

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# *Section 1.0*

## *INTRODUCTION*

---

Manatee County (the County) has prepared a Final Environmental Impact Statement (FEIS), in conjunction with the United States Coast Guard (USCG), to document a study of proposed improvements to north/south traffic movements in eastern Manatee County, Florida and to evaluate the potential impacts associated with those improvements. The objective of this transportation study is to identify the type, conceptual design, and location of improvements necessary to provide additional capacity for the projected north/south travel demand. The FEIS has been developed to satisfy the requirements of the *National Environmental Policy Act of 1969* (NEPA) and other related federal and state laws, rules, and regulations that apply to the Proposed Action.

For the purpose of the FEIS, two build alternatives are being evaluated. **Figure 1** shows the location, study areas, and construction limits of these alternatives. The study area of each alternative is defined as the area contained within a 0.5-mile buffer of the centerline. The two build alternatives are described below.

- **Fort Hamer Alternative** – This build alternative consists of a new two-lane bridge crossing the Manatee River connecting the existing two-lane Upper Manatee River Road with the existing two-lane Fort Hamer Road. The construction limits of this alternative begin just north of the main entrance of the Waterlefe subdivision and terminate on the north side of the Manatee River approximately 2,000 feet south of Mulholland Drive, a total of approximately 1.4 miles. The study area for this alternative extends south to State Road (SR) 64 and north to U.S. Highway (US) 301 because of the increased traffic between these points that would result from this alternative.
- **Rye Road Alternative** – This build alternative consists of a new two-lane crossing the Manatee River adjacent to the existing Rye Road Bridge and the expansion of Rye Road from two to four lanes from SR 64 north to Golf Course Road, Golf Course Road from two to four lanes from Rye Road to Fort Hamer Road, and Fort Hamer Road from two to four lanes from Golf Course Road to US 301, a total of 10.2 miles.

The purpose of this Wetlands Evaluation Report (WER) is to document and describe existing wetland and surface water habitats found within the study area for each build alternative and to assess the potential wetland and surface water impacts associated with each build alternative.

**FIGURE 1  
LOCATION MAP – FORT HAMER AND RYE ROAD ALTERNATIVES**



## ***1.1 PROJECT NEED***

Manatee County is proposing to add additional travel lanes across the Manatee River in eastern Manatee County. The purpose of the Proposed Action is to improve regional mobility by providing an alternative north/south transportation route between high-growth areas of Manatee County located east of Interstate 75 (I-75) and separated by the Manatee River. Studies have shown that there is a strong demand for multiple crossings over this waterway to alleviate the traffic burden on I-75. Several specific factors demonstrate the need for the Proposed Action, including:

- Accommodate existing and projected growth in eastern Manatee County,
- Improve the Level of Service (LOS) of the local roadway network,
- Improve emergency response times, and
- Improve evacuation capacity across the Manatee River.

The current river crossings located at I-75 and Rye Road create a circuitous route in eastern Manatee County that increases travel time/distance, reduces LOS, increases emergency response times, and are at capacity for evacuation scenarios.

## **1.2 ALTERNATIVES CONSIDERED**

The Proposed Action is intended to service the demand for two additional lanes of capacity across the Manatee River east of I-75 and the other elements of the Purpose and Need statement noted in Chapter 1 of the FEIS. East of I-75, opportunities exist where existing roadways can be connected with a new crossing (Fort Hamer Alternative) or an existing bridge and roadway can be expanded (Rye Road Alternative). Other alternatives were considered preliminarily, but were discounted due to their obvious impacts to the natural and human environment or failure to meet the project's Purpose and Need.

For example, new crossing locations between I-75 and Fort Hamer Road would require not only a new crossing of the Manatee River, but miles of new roadway traversing established and growing residential developments, thus, displacing hundreds of residents. Natural environment impacts in this area were also obviously greater than those utilizing existing transportation corridors. A crossing location between Fort Hamer Road and Rye Road had similar issues related to residential developments, but substantially greater natural environment impacts due to the curvilinear nature of this section of the Manatee River, width of the 100-year floodplain, and habitats found along the river. For these reasons, alternatives that either did not utilize or expand existing transportation corridors were considered to be unreasonable and were not carried forward in the DEIS for further analysis.

Within the Fort Hamer Alternative, three bridge concept alternatives were evaluated:

- Bascule Concept
  - Single leaf bascule (moveable) bridge with a 10-foot vertical clearance
- Mid-Level Fixed Concept
  - Fixed span bridge with a 26-foot vertical clearance
- High-Level Fixed Concept
  - Fixed span bridge with a 40-foot vertical clearance

A vessel survey was conducted during the Memorial Day weekend 1999 to determine vessel type, size, and usage along this portion of the Manatee River. At the time it was determined that a vertical clearance (air draft) of 26 feet would accommodate all vessels in this portion of the Manatee River. These results were presented to the USCG and a vertical clearance of 26 feet was found acceptable.

Due to the length of time since that survey was conducted, a second vessel survey was conducted in spring 2011. All property owners with water access between Fort Hamer Road and Rye Road were identified using the Manatee County Property Appraisers Office database and mailed a

questionnaire. Based on the response of that survey, three respondents noted they had vessels that exceeded 26 feet in height. A subsequent field review in December 2011 indicated that one of these vessels (a small sailboat) was sunk in place at the owner's dock. The second vessel consisted of a houseboat with a flagpole that exceeded 26 feet in height; however, it was noted that the houseboat required less than 26 feet vertical clearance if the flagpole was lowered. The third vessel was a sailboat with a permanently mounted mast exceeding 26 feet in height. The results of both vessel surveys are provided in Appendix A of the FEIS.

Based on the estimated total lifetime cost (construction, maintenance, and operations) of the Bascule Bridge Concept (\$106,142,880 - \$111,083,600) and the very low number of vessels needing unlimited vertical clearance, it was recommended the Bascule Bridge Concept for the Fort Hamer Alternative be eliminated for further consideration.

The bridge height is the basis for the controversy related to the Waterlefe subdivision located immediately southwest of the proposed Fort Hamer Alternative crossing. The High-Level Fixed Bridge would increase the vertical clearance to 40 feet and be contradictory to the issues raised by that community. Additionally, because of the estimated total lifetime cost (construction, maintenance, and operations) of the High-Level Fixed Bridge Concept (\$14,906,580 - \$26,016,350) and the very low number of vessels needing a 40-foot vertical clearance, it was recommended the High-Level Fixed Bridge Concept for the Fort Hamer Alternative be eliminated for further consideration.

### ***1.3 ALTERNATIVES RECOMMENDED FOR FURTHER EVALUATION***

As a result of the preliminary evaluation of alternatives discussed above, it was determined that three alternatives would be considered "reasonable" for further, detailed analysis and evaluation in the DEIS:

- No-Build Alternative,
- Fort Hamer Alternative, and
- Rye Road Alternative.

The No-Build Alternative does not include any road capacity improvements other than the road safety improvements and scheduled maintenance already funded to be constructed in the Manatee County Capital Improvement Program (CIP), or improvements provided by private nongovernment entities, such as developers. For comparative purposes, the No-Build Alternative was retained and evaluated against the two build alternatives throughout the EIS process. The results of the No-Build Alternative analyses are presented in Chapter 2 of the FEIS. This WER only addresses the two build alternatives.

The Fort Hamer Alternative consists of a new two-lane bridge crossing the Manatee River connecting the existing two-lane Upper Manatee River Road with the existing two-lane Fort Hamer Road. The construction limits of this alternative extend from just north of the main entrance of the Waterlefe subdivision to the north side of the Manatee River, a total of approximately 1.4 miles. The length of the proposed bridge is approximately 2,570 feet. A conceptual plan view of the bridge, bridge approaches, and stormwater/floodplain features are shown on **Figure 2**. The proposed roadway and bridge typical sections for the Fort Hamer Alternative are shown in **Figure 3**.

The Rye Road Alternative consists of a new two-lane, 350-foot-long bridge crossing the Manatee River parallel to the existing Rye Road Bridge. To accommodate the two new lanes over the river, this alternative also includes the expansion of Rye Road from two to four lanes from SR 64 north to Golf Course Road, Golf Course Road from two to four lanes from Rye Road to Fort Hamer Road, and Fort Hamer Road from two to four lanes from Golf Course Road to US 301, a total of approximately 10.2 miles. Unlike the Fort Hamer Alternative, conceptual locations of the stormwater/floodplain compensation ponds have not been developed for the Rye Road Alternative since this alternative has not been advanced to preliminary designs. The proposed roadway and bridge typical sections for the Rye Road Alternative are shown in **Figure 4**.

## ***1.4 PREFERRED ALTERNATIVE***

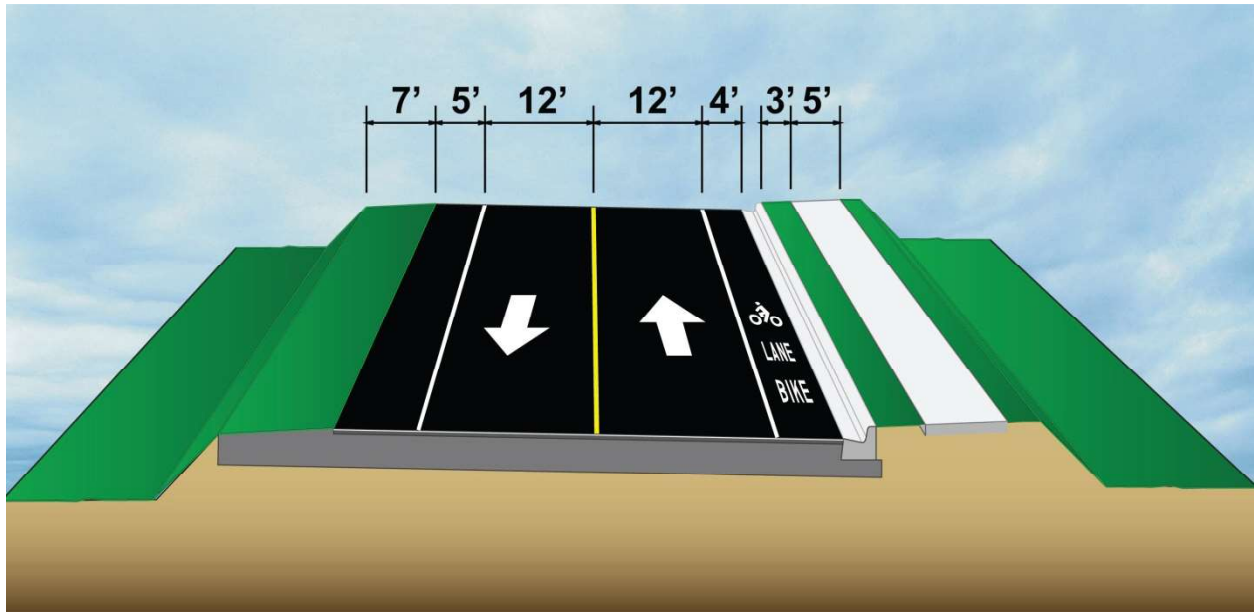
The analysis presented in Chapter 2 of the FEIS resulted in the determination that the No-Build Alternative does not meet the stated Purpose and Need. The analysis further showed the Rye Road Alternative only minimally improves the local roadway network LOS and only minimally accommodates planned and approved growth in the area. The Rye Road Alternative does not improve emergency response times. As described in Section 3.0 of this WER, a greater area of wetlands would be impacted by construction of the new bridge for the Fort Hamer Alternative than would be impacted by the Rye Road Alternative. After consideration of each alternative's ability to meet the stated Purpose and Need and the social, cultural, natural environment, and physical impacts of the No-Build Alternative and the two build alternatives, **the Fort Hamer Alternative has been selected as the preferred alternative.**



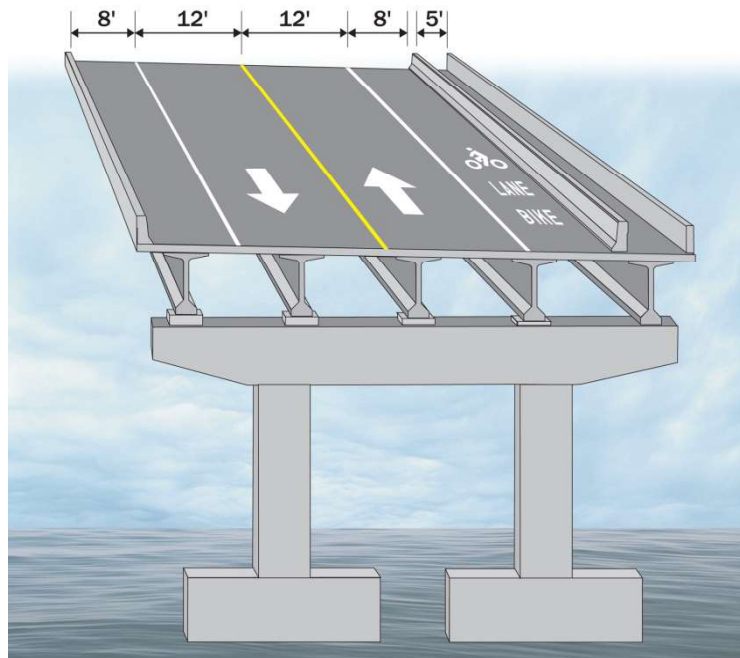
**FIGURE 2**  
**FORT HAMER ALTERNATIVE**  
**CONCEPTUAL PLAN VIEW OF**  
**BRIDGE AND APPROACHES**

**FIGURE 3  
FORT HAMER ALTERNATIVE TYPICAL SECTIONS**

**ROADWAY TYPICAL SECTION**



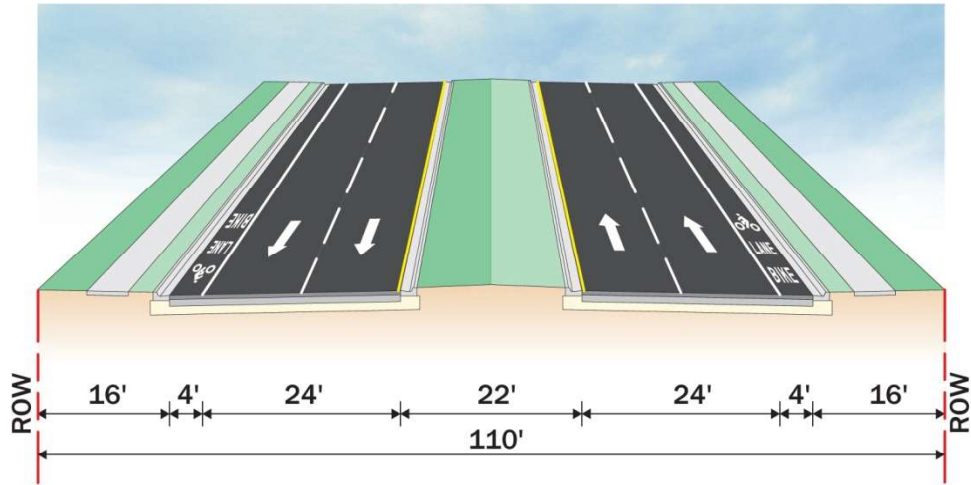
**BRIDGE TYPICAL SECTION**



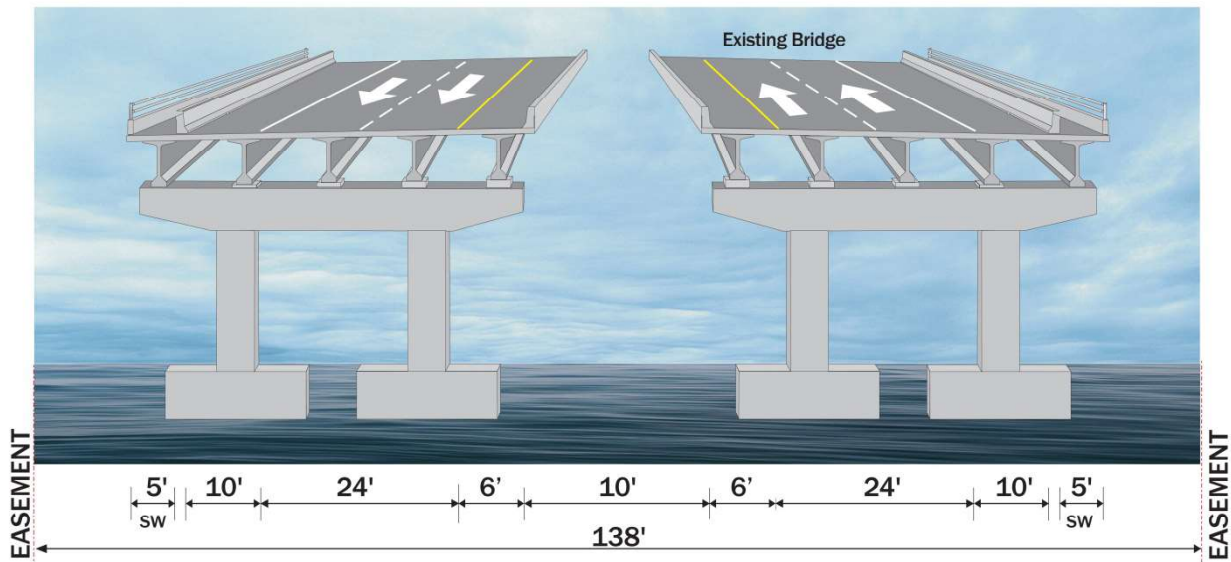


**FIGURE 4  
RYE ROAD ALTERNATIVE TYPICAL SECTIONS**

**ROADWAY TYPICAL SECTION**



**BRIDGE TYPICAL SECTION**



## ***Section 2.0***

# ***EXISTING WETLANDS***

---

Pursuant to Executive Order 11990 entitled *Protection of Wetlands*, federal actions should avoid, to the extent possible, the long- and short-term adverse impacts associated with the destruction or modification of wetlands and avoid direct or indirect support of new construction in wetlands wherever there is a practicable alternative. In accordance with this order, an assessment of wetlands and other surface waters, which may be affected by one or both of the build alternatives, has been undertaken.

Wetlands are defined by the U.S. Army Corps of Engineers (USACE) (Federal Register, 1982) and the U.S. Environmental Protection Agency (EPA) (Federal Register, 1980) as:

*“Those areas that are inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bog, and similar areas.”*

This section provides a summary discussion of the surface waters, including wetlands, found within the study areas of each alternative. This section also describes the existing conditions and potential impacts related to Essential Fish Habitat (EFH).

## **2.1      *METHODOLOGY***

Prior to field visits, the following information was reviewed to characterize habitat features and land use patterns within the study area of each alternative:

- U.S. Geological Survey (USGS) 7.5 minute Topographical Quadrangle Map, Parrish, FL, 1973 (Photo revised 1987) (USGS, 1987), Rye, FL (USGS, 1979), and Lorraine, FL (USGS, 2009);
- Southwest Florida Water Management District (SWFWMD) Florida Land Use, Cover and Forms Classification System (FLUCFCS) GIS Database (SWFWMD, 2009);
- Florida Department of Transportation (FDOT), *Florida Land Use, Cover and Forms Classification System Handbook* 3<sup>rd</sup> Edition (FDOT, 1999);
- U.S. Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS), *Soil Survey of Manatee County, Florida* (NRCS, 2010);
- Florida Association of Professional Soil Scientists, *Hydric Soils of Florida Handbook*, 4<sup>th</sup> Edition (Hurt, 2007);
- High resolution orthorectified color aerial imagery (FDOT, 2011); and

- U.S. Fish and Wildlife Service (FWS), *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin, *et al.*, 1979).

In April and May 2010, environmental scientists familiar with Florida natural communities conducted field reviews of the study areas for each of the two build alternatives. The purpose of the reviews was to verify and refine preliminary wetland boundaries and classification codes established through literature reviews and photo-interpretation. During field reviews, the vegetative community and land use types within the study areas were visually inspected to verify approximate boundaries and dominant vegetation. Exotic plant infestations and any other disturbances, such as soil subsidence, canals, power lines, etc. were noted. Wetland and surface water boundaries noted in the field were approximated on aerials and the resulting files uploaded into a geographic information system (GIS) system for subsequent map production. Field activities also included identifying wildlife and signs of wildlife usage at each wetland and adjacent upland habitat.

All wetlands within the limits of both alternatives were classified using the FLUCFCS (FDOT, 1999; SWFWMD, 2009) and the FWS *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin, *et al.*, 1979). Wetland boundaries within each alternative were approximated using Chapter 62-340, F.A.C., *Delineation of the Landward Extent of Wetlands and Surface Waters*, and the criteria found within the USACE (2010) *Regional Supplement to the USACE Wetlands Delineation Manual: Atlantic and Gulf Coastal Plain Region* (Version 2.0) (ERDC/EL TR-10-20).

Formal wetland boundary delineations and surveys would be conducted as part of the state and federal permit application process.

## 2.2 SOILS

### 2.2.1 FORT HAMER ALTERNATIVE

Based on the *Soil Survey of Manatee County, Florida* (NRCS, 2010) 16 soil types are reported within the Fort Hamer Alternative Study Area (see **Figures A1 through A5** in **Appendix A**). **Table 1** provides the approximate acreage of each soil type in the Fort Hamer Alternative Study Area.

**TABLE 1**  
**EXISTING SOIL TYPES WITHIN THE FORT HAMER ALTERNATIVE STUDY AREA**

Soil Type	Area (acres)	Percent of Study Area
4 – Bradenton fine sand	33.30	0.8
6 – Broward variant fine sand	7.08	0.2
7 – Canova, Anclote, and Okeelanta soils	227.65	5.2
11 – Cassia fine sand	145.65	3.4
13 – Chobee loamy fine sand	5.37	0.1
16 – Delray complex	64.71	1.5
17 – Delray-EauGallie Complex	16.49	0.4
20 – EauGallie fine sand	2,717.45	62.5
24 – Felda-Wabasso association, frequently flooded	77.37	1.8

*Continued on next page*

**TABLE 1 (CONTINUED)  
EXISTING SOIL TYPES WITHIN THE FORT HAMER ALTERNATIVE STUDY AREA**

<b>Soil Type</b>	<b>Area (acres)</b>	<b>Percent of Study Area</b>
25 – Floridana fine sand	65.56	1.5
26 – Floridana-Immokalee-Okeelanta association	207.10	4.8
34 – Okeelanta muck, tidal	189.98	4.4
36 – Orlando fine sand, moderately wet	90.72	2.1
38 – Palmetto sand	70.73	1.6
39 – Parkwood variant complex	19.04	0.4
48 – Wabasso fine sand	295.15	6.8
99 – Water	113.91	2.6
<b>Total</b>	<b>4,347.24</b>	<b>100.0</b>

Note: Numbers may not add due to rounding

## **2.2.2 SOILS WITHIN THE RYE ROAD ALTERNATIVE**

Based on the *Soil Survey of Manatee County, Florida* (NRCS, 2010), 28 soil types are reported within the Rye Road Alternative Study Area (see **Figures B1 through B8** in **Appendix B**). **Table 2** provides the approximate acreage of each soil type in the Rye Road Alternative Study Area.

**TABLE 2  
EXISTING SOIL TYPES WITHIN THE RYE ROAD ALTERNATIVE STUDY AREA**

<b>Soil Type</b>	<b>Area (acres)</b>	<b>Percent of Study Area</b>
3 – Braden fine sand	45.99	0.6
4 – Bradenton fine sand	15.68	0.2
7 – Canova, Anclote, and Okeelanta soils	371.73	5.0
10 – Canaveral sand, organic substratum	0.60	0.0
11 – Cassia fine sand	286.10	3.8
12 – Cassia fine sand, moderately well drained	56.38	0.8
13 – Chobee loamy fine sand	11.25	0.2
16 – Delray complex	84.14	1.1
17 – Delray-EauGallie Complex	58.92	0.8
18 – Delray-Pomona complex	5.68	0.1
19 – Duette fine sand, 0 to 5 percent slopes	62.73	0.8
20 – EauGallie fine sand	4,177.33	56.2
22 – Felda fine sand	15.87	0.2
23 – Felda-Palmetto complex	7.53	0.1
24 – Felda-Wabasso association, frequently flooded	307.70	4.1
25 – Floridana fine sand	176.03	2.4
26 – Floridana-Immokalee-Okeelanta association	320.92	4.3
30 – Myakka fine sand, 0 to 2 percent slopes	567.35	7.6
35 – Ona fine sand, orstein substratum	44.57	0.6

*Continued on next page*

**TABLE 2 (CONTINUED)**  
**EXISTING SOIL TYPES WITHIN THE RYE ROAD ALTERNATIVE STUDY AREA**

Soil Type	Area (acres)	Percent of Study Area
36 – Orlando fine sand, moderately wet	90.13	1.2
37 – Orsino fine sand, 0 to 5 percent slopes	12.68	0.2
38 – Palmetto sand	136.13	1.8
42 – Pomello fine sand, 0 to 2 percent slopes	42.27	0.6
43 – St. Johns fine sand, 0 to 2 percent slopes	0.60	0.0
44 – St. Johns-Myakka complex	74.76	1.0
45 – Tavares fine sand, 0 to 5 percent slopes	16.21	0.2
48 – Wabasso fine sand	394.65	5.3
54 – Zolfo fine sand, 0 to 2 percent slopes	13.87	0.2
99 – Water	34.02	0.5
<b>Total</b>	<b>7,431.82</b>	<b>100.0</b>

Note: Numbers may not add due to rounding.

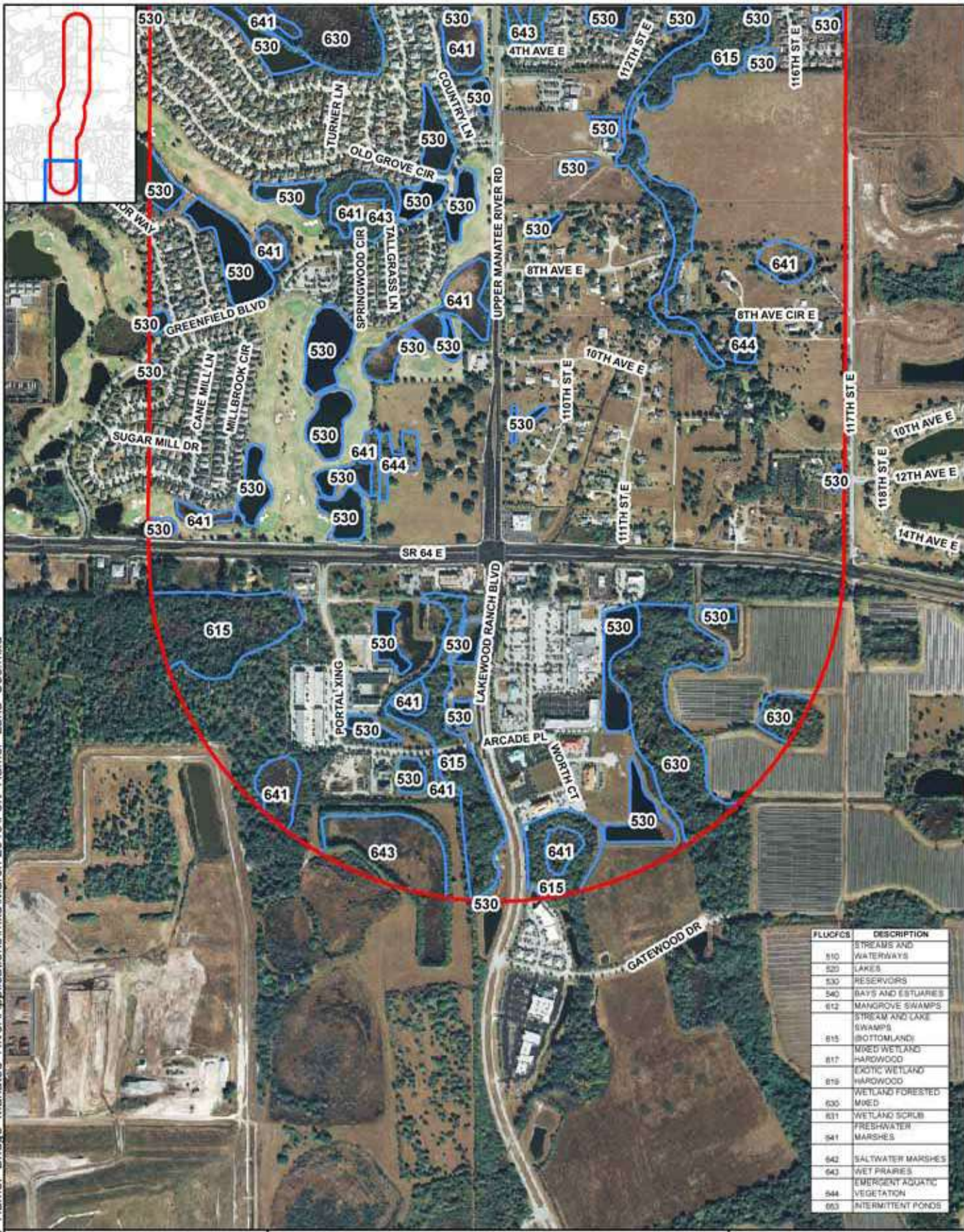
## **2.3 WETLAND AND OTHER SURFACE WATER FEATURES IN THE STUDY AREAS**

### **2.3.1 FORT HAMER ALTERNATIVE**

Figures 5a through 5e show the wetland and other surface water types present within the Fort Hamer Alternative Study Area. The Fort Hamer Alternative is laterally bisected by the Manatee River, which flows east to west at this location. Within the study area, the Manatee River has a relatively slow current and is tidally influenced. The mean high water and mean low water elevations of the river at the Fort Hamer Park boat ramp at the southern terminus of Fort Hamer Road are +0.53 feet and -1.21 feet NAVD 88 (North American Vertical Datum), respectively. Large expanses of black needlerush (*Juncus roemerianus*) dominated salt marsh occur on both sides of the main channel. These marshes are interspersed with long, narrow depositional formations supporting mangroves, stream swamp, and mixed wetland forested habitats.

Within the study area, natural wetland systems north of the river include a large freshwater marsh on the west side of Fort Hamer Road and a large stream swamp east of Fort Hamer Road. The freshwater marsh is ringed by a narrow band of mixed wetland hardwoods which in turn are surrounded by residential developments and stormwater ponds. These wetlands drain south through the large freshwater marsh and eventually to the Manatee River via a small creek located along the western boundary of Fort Hamer Park. The stream swamp east of Fort Hamer Road is bordered by a residential development to the north and vacant land (former agricultural fields) to the south. This swamp drains east to Gamble Creek, a large tributary to the Manatee River.

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FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
540	BAYS AND ESTUARIES
612	MANGROVE SWAMPS
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
617	MIXED WETLAND HARDWOOD
618	EXOTIC WETLAND HARDWOOD
630	WETLAND FORESTED MIXED
631	WETLAND SCRUB
641	FRESHWATER MARSHES
642	SALTWATER MARSHES
643	WET PRAIRIES
644	EMERGENT AQUATIC VEGETATION
653	INTERMITTENT PONDS

**Legend**  
 Ft Hamer Alternative Study Area  
 631 FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 5a  
 Wetlands and Other Surface Waters  
 within the Fort Hamer Alternative  
 Study Area



0 500 1,000  
 Feet

Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Fort Hamer Land Use.mxd



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
540	BAYS AND ESTUARIES
612	MANGROVE SWAMPS
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
617	MIXED WETLAND HARDWOOD
618	EXOTIC WETLAND HARDWOOD
630	WETLAND FORESTED MIXED
631	WETLAND SCRUB
641	FRESHWATER MARSHES
642	SALTWATER MARSHES
643	WET PRAIRIES
644	EMERGENT AQUATIC VEGETATION
653	INTERMITTENT PONDS

**Legend**

Ft Hamer Alternative Study Area

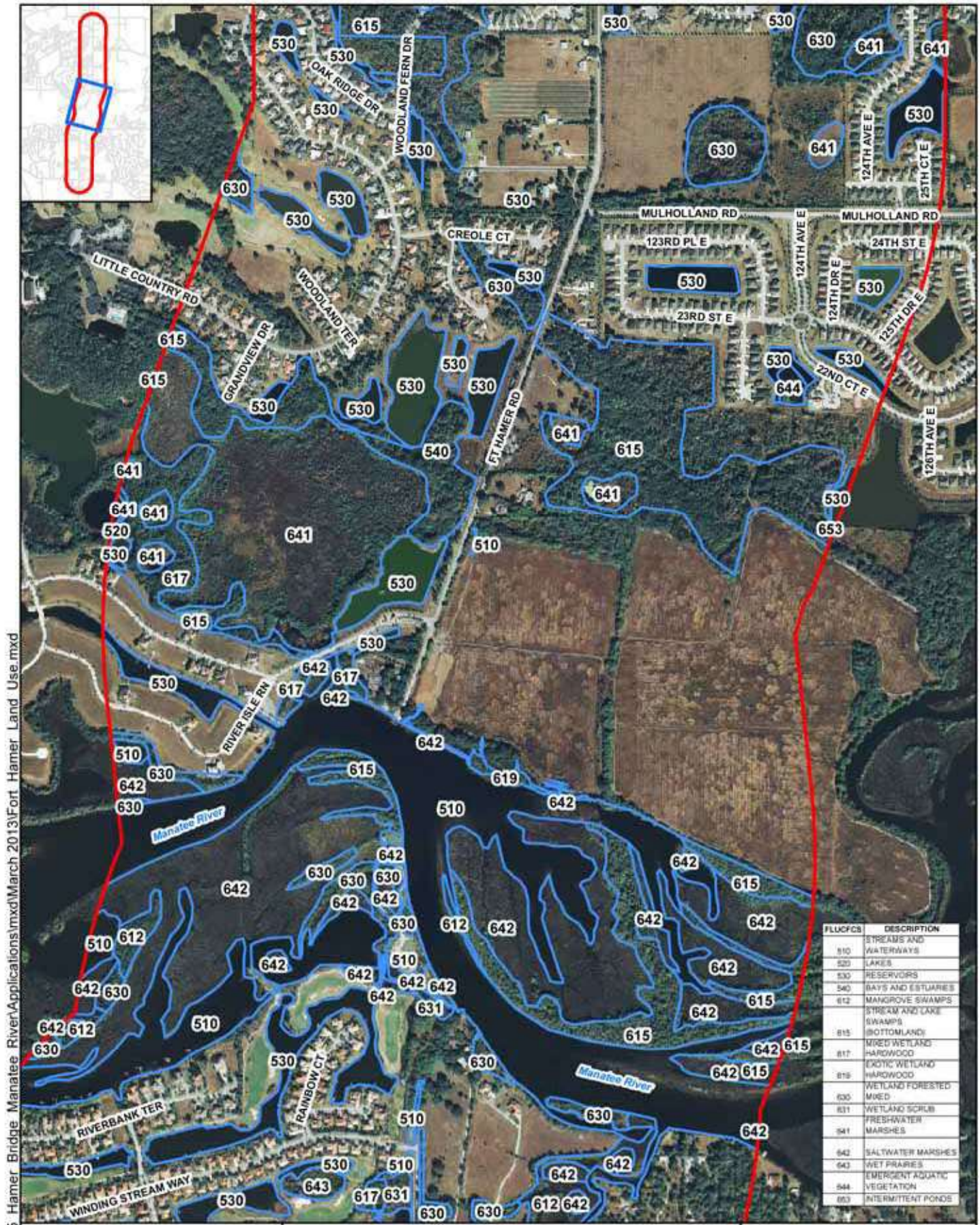
631 FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 5b  
 Wetlands and Other Surface Waters  
 within the Fort Hamer Alternative  
 Study Area



0 500 1,000  
 Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
540	BAYS AND ESTUARIES
612	MANGROVE SWAMPS
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
617	MIXED WETLAND HARDWOOD
618	EXOTIC WETLAND HARDWOOD
630	WETLAND FORESTED MIXED
631	WETLAND SCRUB
641	FRESHWATER MARSHES
642	SALTWATER MARSHES
643	WET PRAIRIES
644	EMERGENT AQUATIC VEGETATION
653	INTERMITTENT PONDS

**Legend**

Ft Hamer Alternative Study Area

631 FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

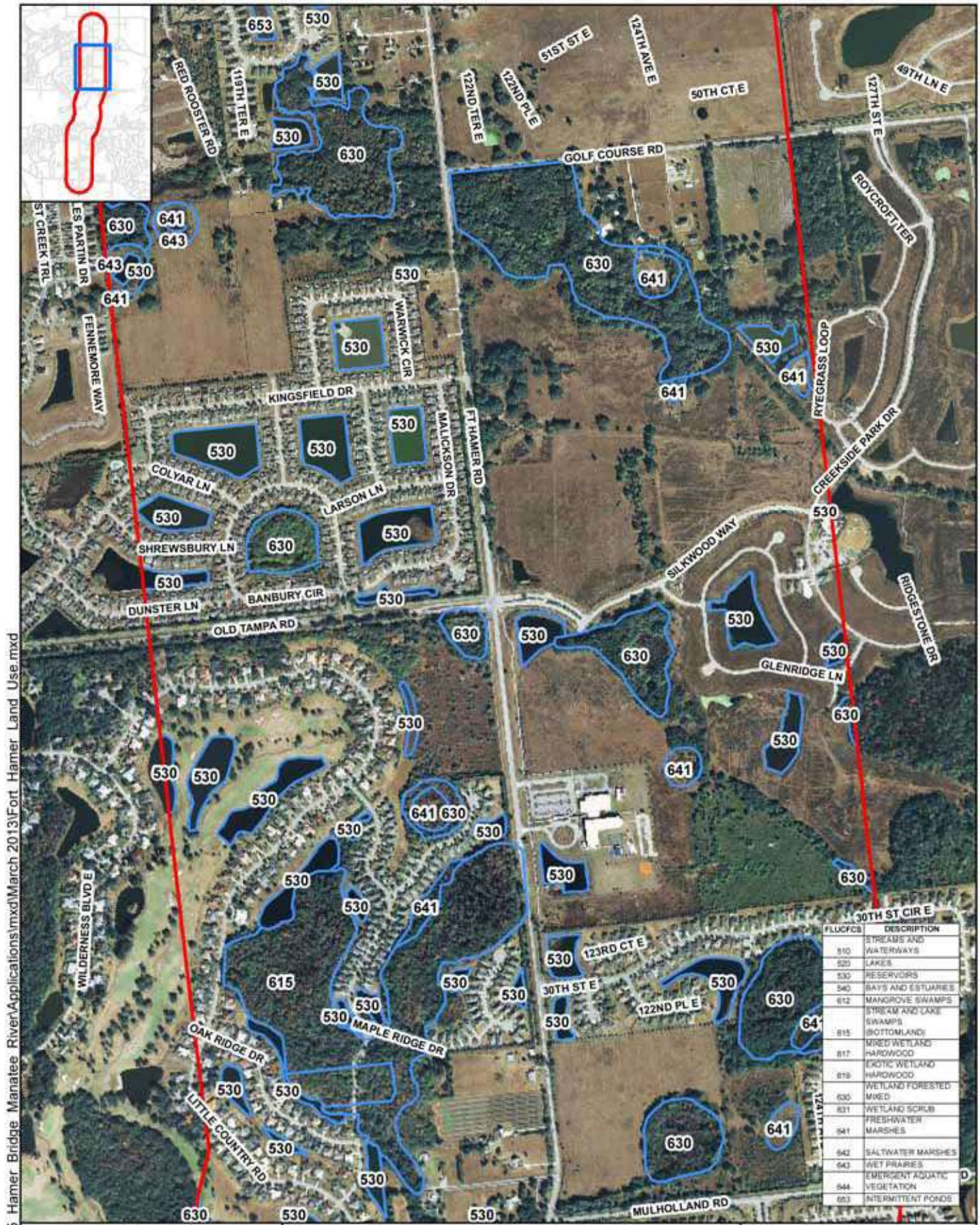
Figure 5c  
 Wetlands and Other Surface Waters  
 within the Fort Hamer Alternative  
 Study Area



0 500 1,000  
 Feet

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- Legend**
- Ft Hamer Alternative Study Area
  - 631 FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 5d**  
**Wetlands and Other Surface Waters**  
**within the Fort Hamer Alternative**  
**Study Area**

FLUCFCS	DESCRIPTION
810	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
540	BAYS AND ESTUARIES
612	MANGROVE SWAMPS
815	STREAM AND LAKE SWAMPS (BOTTOMLAND)
816	MIXED WETLAND HARDWOOD
817	EXOTIC WETLAND HARDWOOD
818	WETLAND FORESTED MIXED
630	MIXED
831	WETLAND SCRUB
641	FRESHWATER MARSHES
642	SALTWATER MARSHES
643	WET PRAIRIES
844	EMERGENT AQUATIC VEGETATION
653	INTERMITTENT PONDS



0 500 1,000  
 Feet



Few natural wetland systems remain on the south side of the Manatee River within the study area. Narrow mixed forested wetlands that drain to the Manatee River are located within the Waterlefe subdivision adjacent to the river and in a low-density residential area on both sides of Upper Manatee River Road. Several other small, isolated wetlands are scattered throughout the study area south of the river. Numerous excavated stormwater ponds and golf course ponds are located throughout the western half of the study area on both sides of the river.

**Table 3** lists the wetlands and surface waters located within the study area. All wetlands and other surface waters combined account for 25.7 percent of the Fort Hamer Alternative Study Area.

**TABLE 3  
WETLANDS AND OTHER SURFACE WATERS WITHIN  
THE FORT HAMER ALTERNATIVE STUDY AREA**

Surface Water Type	FLUCFCS Classification <sup>1</sup>	FWS Classification <sup>2</sup>	Description	Acres in Study Area	Total Acres	Percent of Study Area
Freshwater Lakes and Reservoirs	530	POWHx	Ponds, Reservoirs (includes stormwater ponds)	228.8		
<i>Total Freshwater Lakes and Reservoirs</i>					<b>228.8</b>	<b>5.3</b>
Drainage Ditches	510	PEM2Jx	Upland-cut Drainage Ditches	17.5		
<i>Total Freshwater Ditches</i>					<b>17.5</b>	<b>0.4</b>
Freshwater Wetlands	615	PFO1P	Stream and Lake Swamps (Bottomland)	272.7		
	617	PFO1C	Mixed Wetland Hardwoods	17.0		
	619	PFO3Y	Exotic Wetland Hardwoods	1.1		
	630	PFO6/7E	Wetland Forested Mixed	176.0		
	631	PSS1C	Wetland Shrub	1.7		
	641	PEM1E	Freshwater Marshes	121.8		
	643	PEM2B	Wet Prairies	21.6		
644	PEM1H	Emergent Aquatic Vegetation	9.6			
<i>Total Freshwater Wetlands</i>					<b>621.5</b>	<b>14.3</b>
Estuarine Streams	510	E1UB2L/ E1UB2N	Streams and Waterways (including rivers)	123.5		
<i>Total Estuarine Streams</i>					<b>123.5</b>	<b>2.8</b>
Estuarine Wetlands	612	E2SS3N	Mangrove Swamps	11.7		
	631	E2SS3A	Wetland Scrub	0.6		
	642	E2EM1N/ E2EM1P	Saltwater Marshes	113.2		
<i>Total Estuarine Wetlands</i>					<b>125.5</b>	<b>2.9</b>
<i>Total Surface Waters</i>					<b>1,116.8</b>	<b>25.7</b>
<i>Total Uplands</i>					<b>3,230.7</b>	<b>74.3</b>
<i>Total Land Use, Forms, and Vegetative Cover</i>					<b>4,347.5</b>	<b>100.0</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

### 2.3.2 RYE ROAD ALTERNATIVE

Figures 6a through 6h show the wetland and other surface water types present within the Rye Road Alternative Study Area. Rye Road crosses the Manatee River immediately north of its intersection with Upper Manatee River Road. At this location the river is relatively narrow (approximately 73 feet wide) and shallow with a moderately swift current. Streams and lake swamps (bottomland) surround each side of this river crossing and consist predominately of red maple (*Acer rubrum*), sweetbay (*Magnolia virginiana*), laurel oak (*Quercus laurifolia*), swamp dogwood (*Cornus foemina*), water oak (*Quercus nigra*), pop ash (*Fraxinus caroliniana*), and cabbage palm (*Sabal palmetto*).

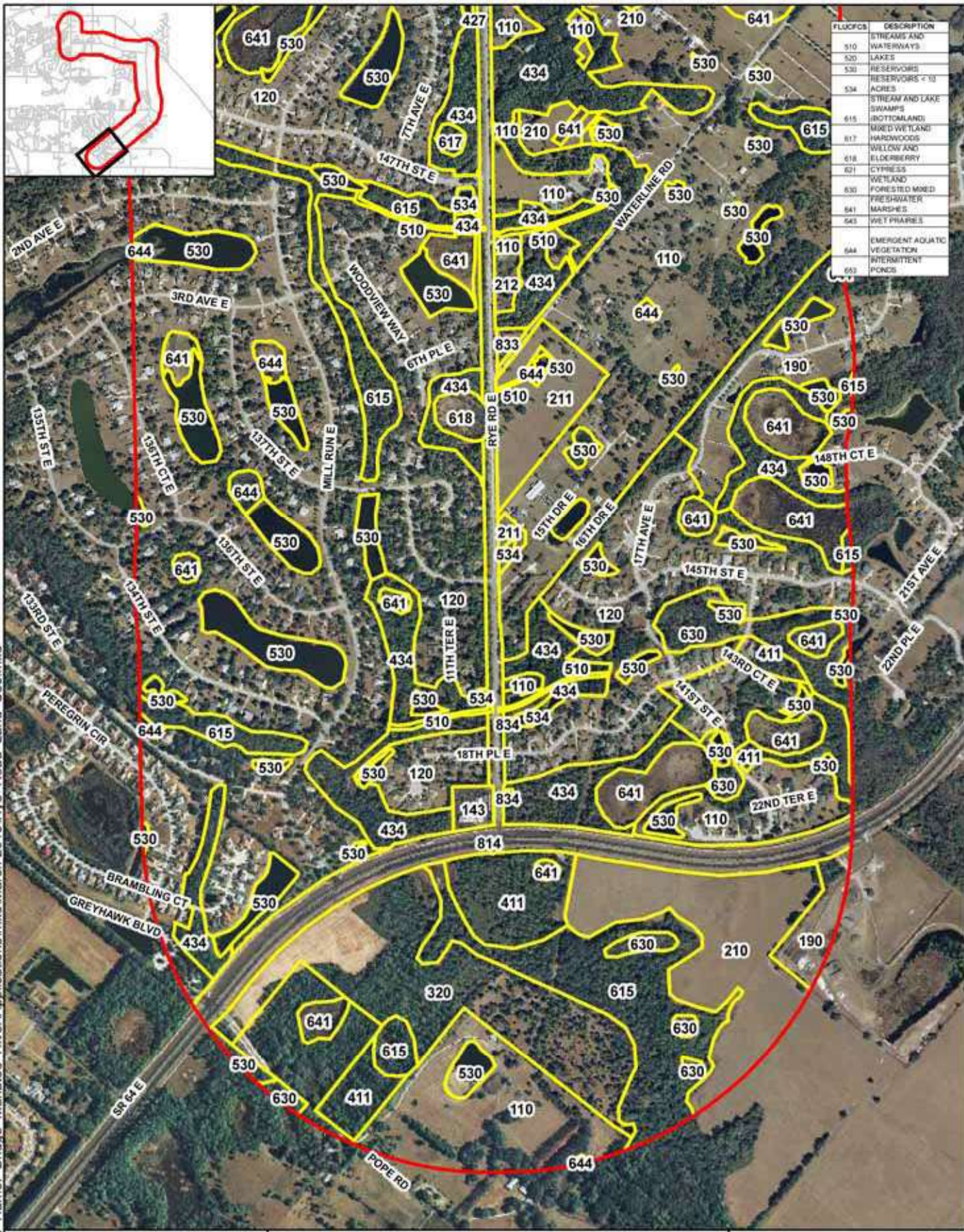
Golf Course Road crosses Gamble Creek approximately 900 feet east of Jim Davis Road. Gamble Creek flows north to south into the Manatee River. At this crossing, this channelized stream has a moderately swift current and shallow water depth. Adjacent land use types consist of abandoned citrus groves, improved pasture, and upland live oak forests.

Natural wetland systems within the Rye Road Alternative Study Area include several channelized creeks surrounded by forested wetlands which, in turn, are bordered by residential areas or agricultural fields. Dominant vegetation within these forested wetlands consists of red maple, laurel oak, cabbage palm, and sweetbay. All eventually flow to the Manatee River either directly or via connected creeks.

In the southern portion of the Rye Road Alternative Study Area, isolated freshwater marshes are dominated by torpedo grass (*Panicum repens*), pickerelweed (*Pontederia cordata*), and primrose willow (*Ludwigia peruviana*).

Throughout the Rye Road Alternative Study Area, several isolated reservoirs are present that serve as either livestock ponds, stormwater management facilities for residential subdivisions/golf courses, or have been excavated by private landowners.

Table 4 lists the wetlands and other surface waters located within the Rye Road Alternative Study Area. Freshwater wetlands and streams, including the Manatee River and Gamble Creek, account for approximately 17.3 percent of the study area. Freshwater lakes, reservoirs, and drainage ditches make up an additional 2.9 percent of the Rye Road study area.



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
534	RESERVOIRS < 10 ACRES
534	STREAM AND LAKE SWAMPS
615	(BOTTOMLAND) MIXED WETLAND
617	HARDWOODS
618	WILLOW AND ELDERBERRY
621	CYPRESS
630	WETLAND FORESTED MIXED FRESHWATER MARSHES
641	WET PRAIRIES
644	EMERGENT AQUATIC VEGETATION
653	INTERMITTENT PONDS

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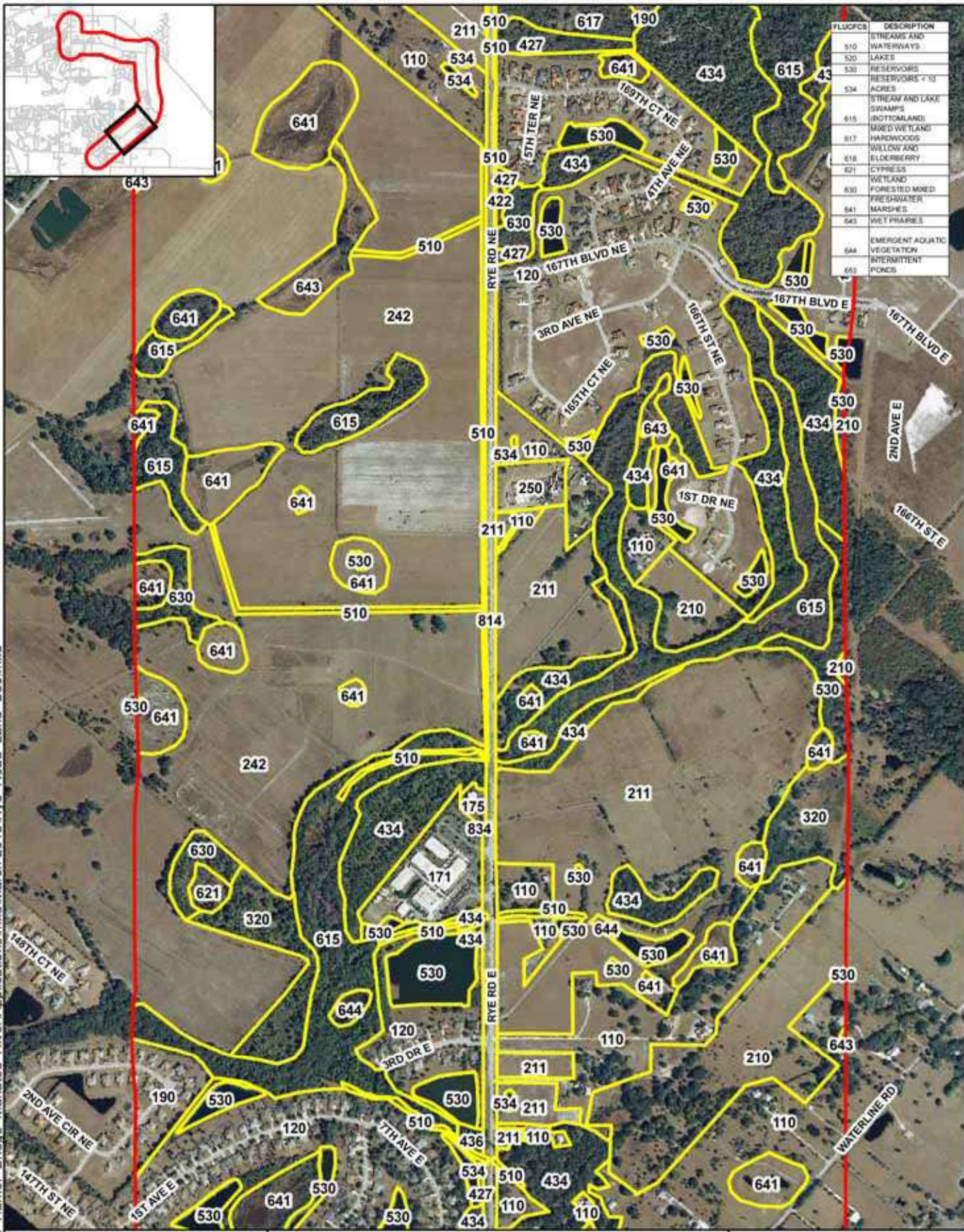
- Rye Road Alternative Study Area
- FLUCFCS Boundary and Code

Sources:  
Aerial- FDOT, 2011  
FLUCFCS- SWFWMD, 2009 &  
URS Field Reviews

Figure 6a  
Wetlands and Other Surface Waters  
within the Rye Road  
Study Area



0    500    1,000  
Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
617	MIXED WETLAND
618	HARDWOODS
621	WILLOW AND ELDOBERERRY
621	CYPRESS
630	WETLAND
630	FORESTED MIXED FRESHWATER MARSHES
641	WET PRAIRIES
643	EMERGENT AQUATIC VEGETATION
644	INTERMITTENT PONDS
650	

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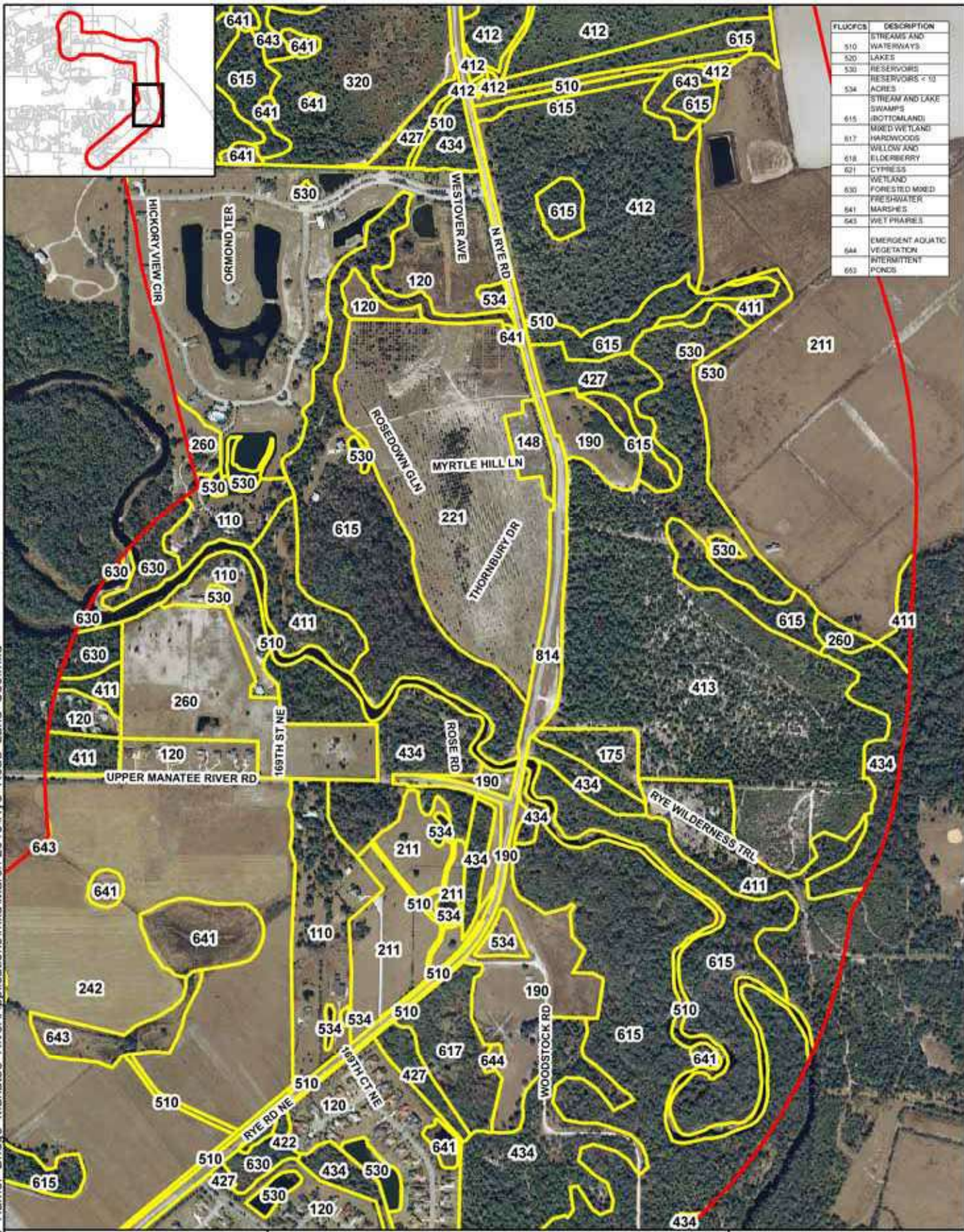
**Legend**  
 Rye Road Alternative Study Area  
 814 FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 6b  
 Wetlands and Other Surface Waters  
 within the Rye Road  
 Study Area



0 500 1,000  
 Feet

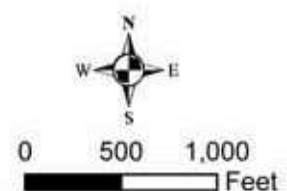


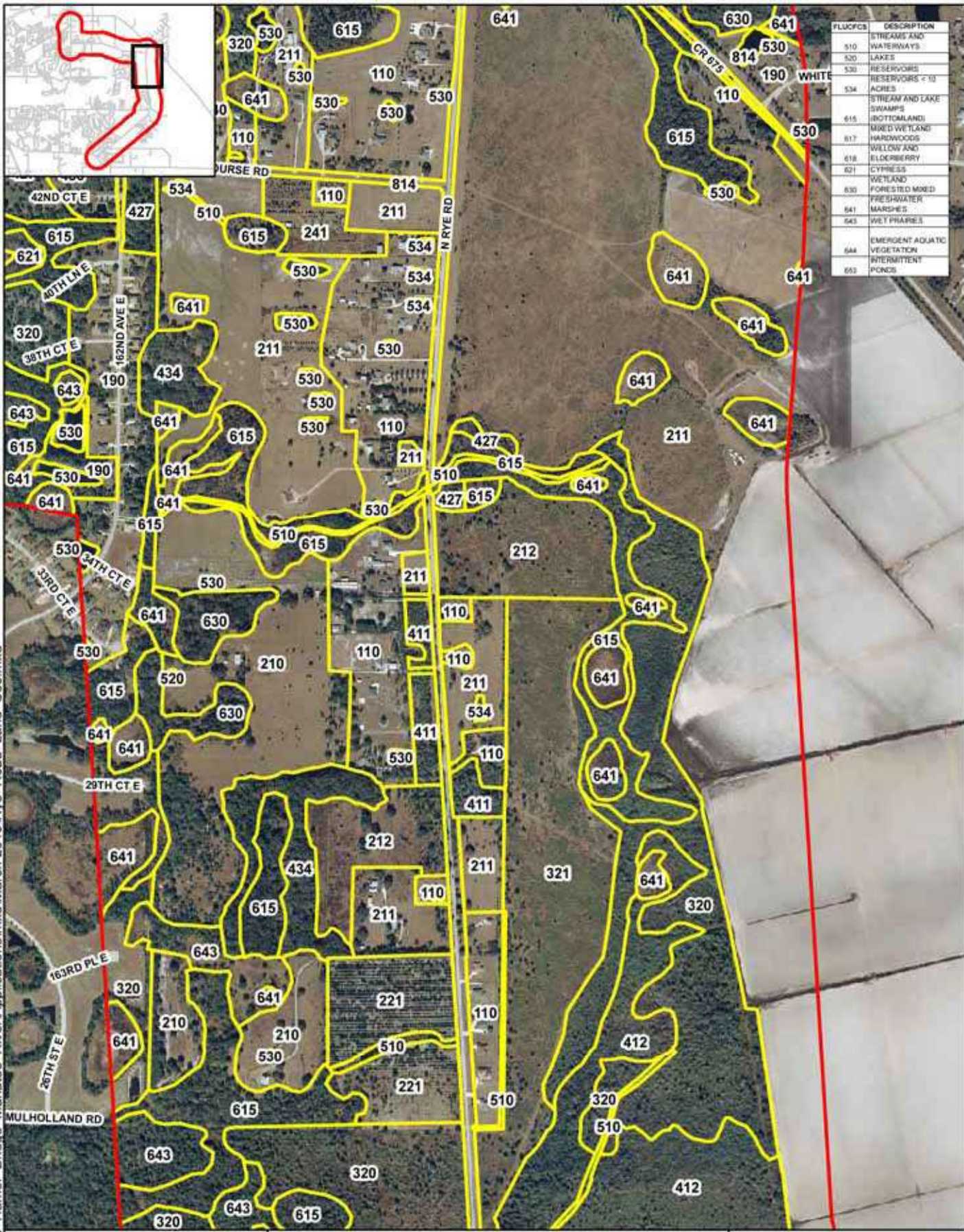
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**Legend**  
 Rye Road Alternative Study Area  
 FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 6c  
 Wetlands and Other Surface Waters  
 within the Rye Road  
 Study Area





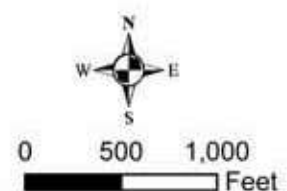
FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
534	RESERVOIRS < 10 ACRES
534	STREAM AND LAKE SWAMPS
615	(BOTTOMLAND)
617	MIXED WETLAND
618	HARDWOODS
621	WILLOW AND ELDERBERRY
621	CYPRESS
630	WETLAND
641	FORESTED MIXED FRESHWATER MARSHES
643	WET PRAIRIES
644	EMERGENT AQUATIC VEGETATION
653	INTERMITTENT PONDS

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**Legend**  
 Rye Road Alternative Study Area  
 814 FLUCFCS Boundary and Code

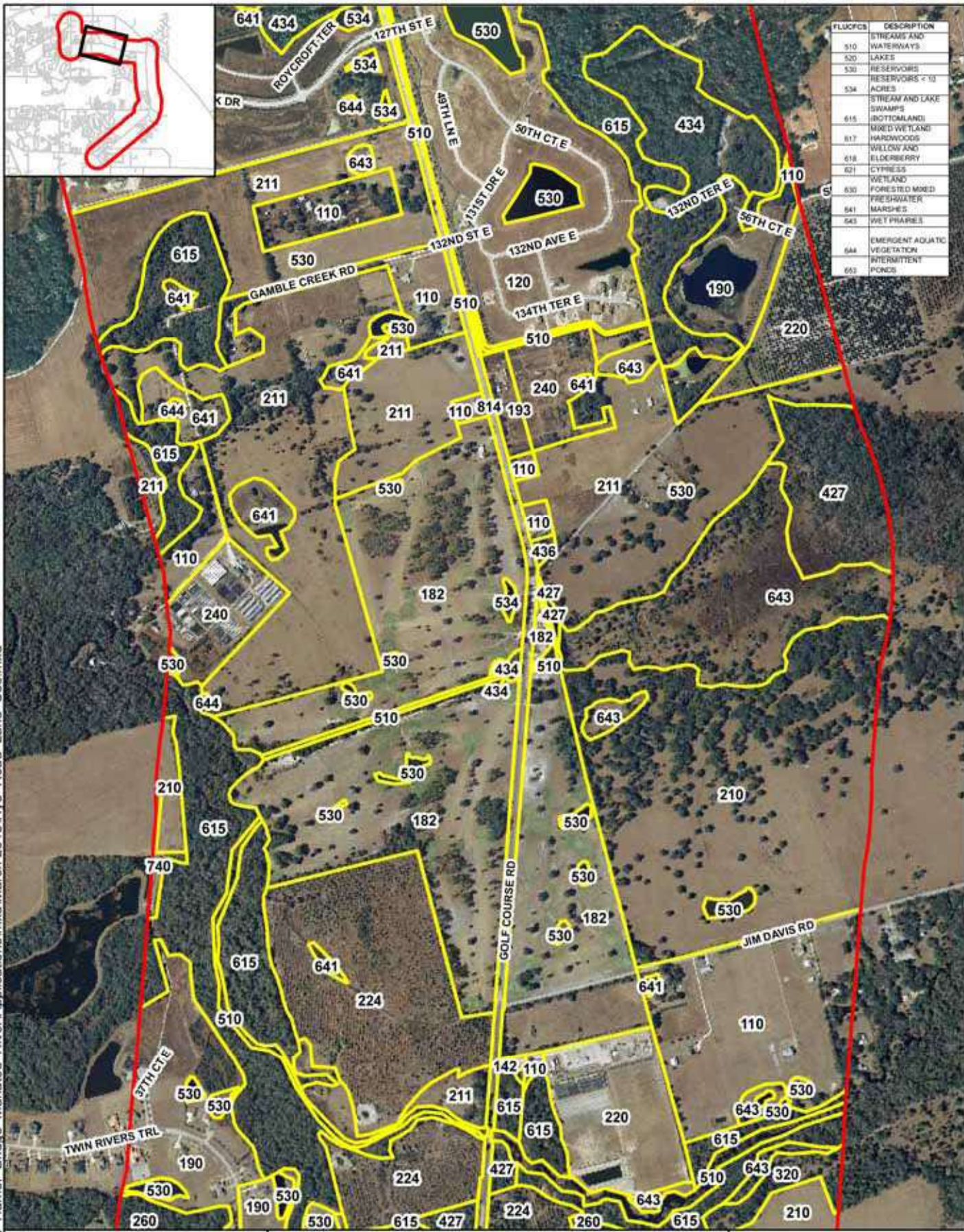
Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 6d  
 Wetlands and Other Surface Waters  
 within the Rye Road  
 Study Area









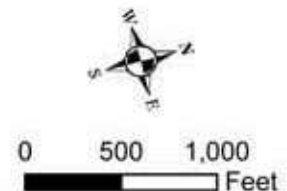


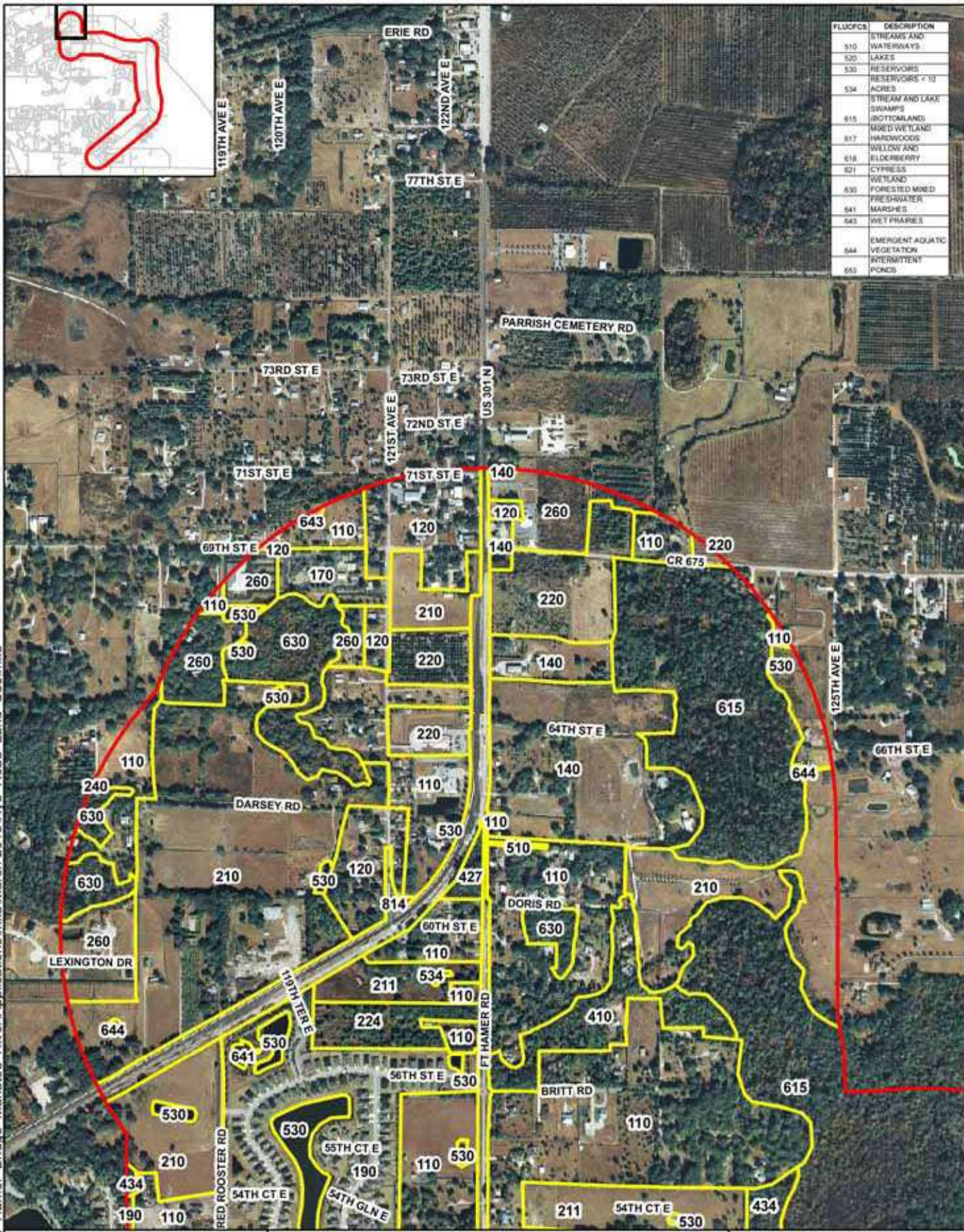
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**Legend**  
 Rye Road Alternative Study Area  
 814 FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 6f  
 Wetlands and Other Surface Waters  
 within the Rye Road  
 Study Area





FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS
617	BOTTOMLAND
618	MIXED WETLAND
621	HARDWOODS
630	WILLOW AND ELDERBERRY
641	CYPRESS
643	WETLAND FORESTED MIXED
644	FRESHWATER MARSHES
645	WET PRAIRIES
646	EMERGENT AQUATIC VEGETATION
647	INTERMITTENT PONDS
648	PERMANENT PONDS

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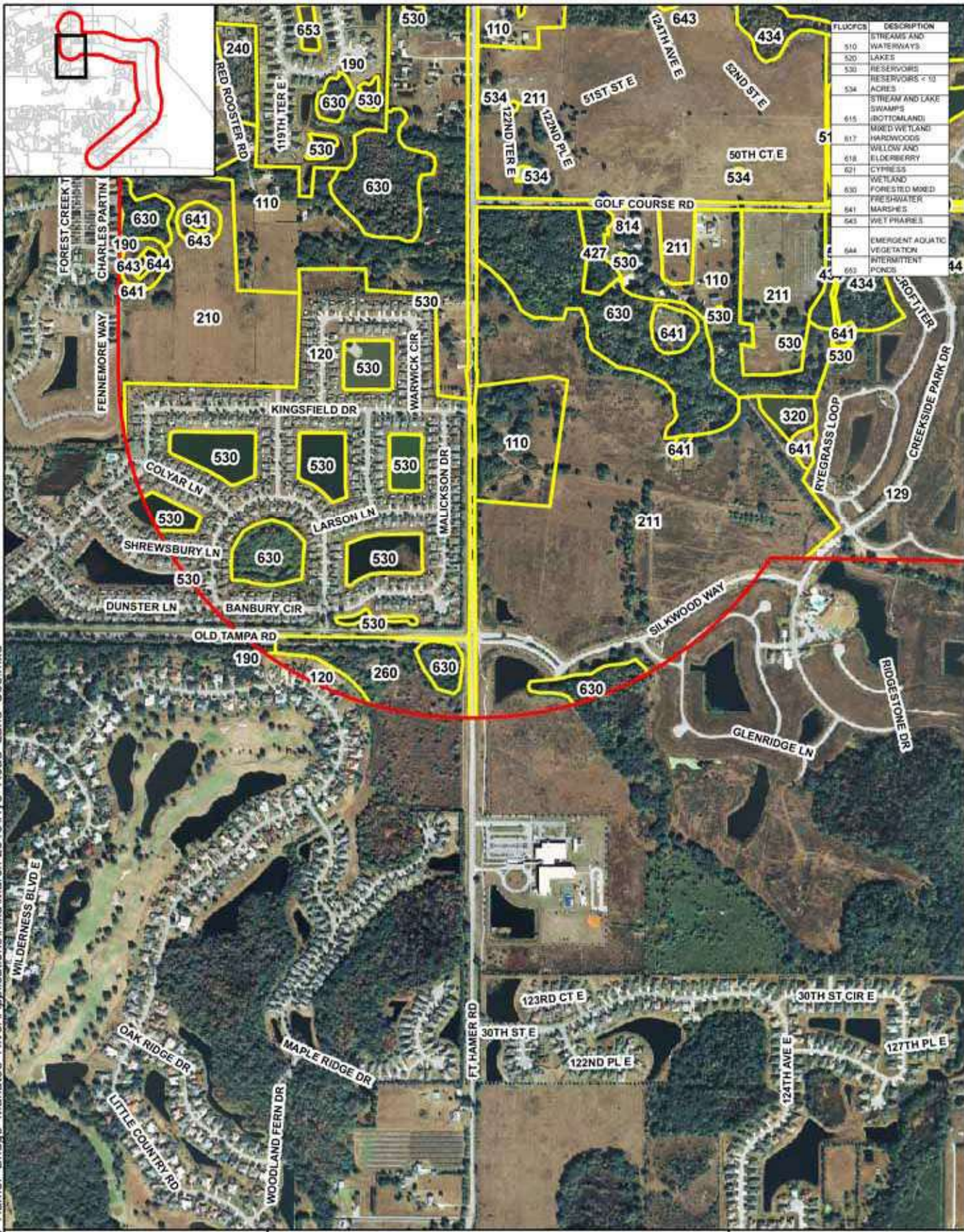
**Legend**

- Rye Road Alternative Study Area
- FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 6g  
 Wetlands and Other Surface Waters  
 within the Rye Road  
 Study Area

0 500 1,000  
 Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
520	LAKES
530	RESERVOIRS < 10 ACRES
534	STREAM AND LAKE SWAMPS (BOTTOMLAND)
615	MIXED WETLAND
617	HARDWOODS
618	WILLOW AND ELDERBERRY
621	CYPRESS
630	WETLAND FORESTED MIXED FRESHWATER MARSHES
641	WETLAND FORESTED MIXED FRESHWATER MARSHES
643	WETLAND FORESTED MIXED FRESHWATER MARSHES
644	EMERGENT AQUATIC VEGETATION INTERMITTENT PONDS
653	EMERGENT AQUATIC VEGETATION INTERMITTENT PONDS

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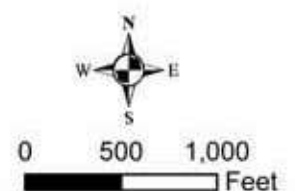
**Legend**

Rye Road Alternative Study Area

814 FLUCFCS Boundary and Code

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 6h  
 Wetlands and Other Surface Waters  
 within the Rye Road  
 Study Area



**TABLE 4  
WETLANDS AND OTHER SURFACE WATERS WITHIN  
THE RYE ROAD ALTERNATIVE STUDY AREA**

	<b>FLUCFCS Classification<sup>1</sup></b>	<b>FWS Classification<sup>2</sup></b>	<b>Description</b>	<b>Acres in Study Area</b>	<b>Total Acres</b>	<b>Percent of Study Area</b>
Freshwater Lakes and Reservoirs	520	POWH	Lakes	0.2		
	530	POWHx	Reservoirs (includes stormwater ponds)	172.4		
	534	POWHx	Reservoirs less than 10 acres	13.2		
<b>Total Freshwater Lakes and Reservoirs</b>					<b>185.7</b>	<b>2.5</b>
Drainage Ditches	510	PUB2Jx/PEM1Jx/ R2UB2	Upland-Cut Drainage Ditches/Channelized Creeks	31.0		
<b>Total Freshwater Ditches</b>					<b>31.0</b>	<b>0.4</b>
Freshwater Streams	510	R2UB2	Streams and Waterways (including rivers)	28.7		
<b>Total Freshwater Streams</b>					<b>28.7</b>	<b>0.4</b>
Freshwater Wetlands	615	PFO1P	Stream and Lake Swamps (Bottomland)	814.4		
	617	PFO1C	Mixed Wetland Hardwoods	12.9		
	618	PSS1C	Willow and Elderberry	2.8		
	621	PFO2C	Cypress	7.9		
	630	PFO1C	Wetland Forested Mixed	133.9		
	641	PEM1C	Freshwater Marshes	169.8		
	643	PEM1C	Wet Prairies	102.3		
	644	PAB3	Emergent Aquatic Vegetation	8.2		
	653	PUB2	Intermittent Ponds	0.9		
<b>Total Freshwater Wetlands</b>					<b>1,252.9</b>	<b>16.9</b>
<b>Total Surface Waters</b>					<b>1,498.3</b>	<b>20.2</b>
<b>Total Uplands</b>					<b>5,933.0</b>	<b>79.8</b>
<b>Total Land Use, Forms, Vegetative Cover</b>					<b>7,431.3</b>	<b>100.0</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

## **2.4 WETLAND AND OTHER SURFACE WATER DESCRIPTIONS**

The previous section provided an overview of the surface waters and wetlands within the study areas of the two build alternatives (i.e., within 0.5-mile of the alternative centerline). This section describes the wetlands and other surface waters present within the construction limits of each alternative. Section 3.0 of this WER describes the potential impacts to wetlands and other surface waters that would result from each build alternative.

### 2.4.1 FORT HAMER ALTERNATIVE

Four wetlands, one river, and five roadside ditches were identified within the construction limits of the Fort Hamer Alternative. **Figures 7a and 7b** show the location of each of these surface water features and **Table 5** summarizes the type and acreage of each surface water habitat identified within the construction limits.

**TABLE 5  
WETLANDS AND OTHER SURFACE WATERS WITHIN  
THE FORT HAMER ALTERNATIVE CONSTRUCTION LIMITS**

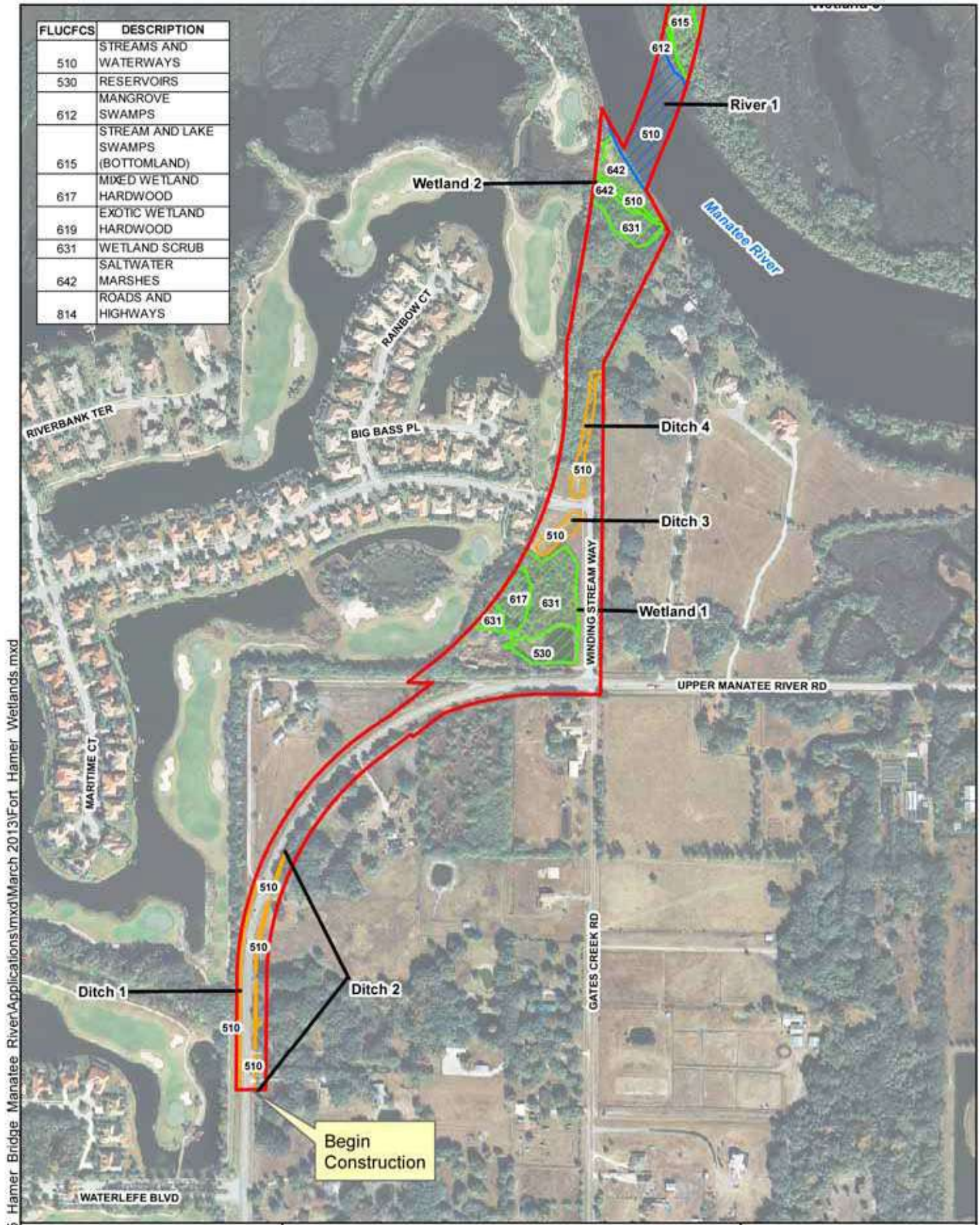
<b>Feature</b>	<b>FLUCFCS Classification<sup>1</sup></b>	<b>FWS Classification<sup>2</sup></b>	<b>Description</b>	<b>Acres</b>
Drainage Ditch 1	510	PEM2Jx	Upland-cut Drainage Ditch	0.52
Drainage Ditch 2	510	PEM2Jx	Upland-cut Drainage Ditch	0.09
Drainage Ditch 3	510	PEM2Jx	Upland-cut Drainage Ditch	0.24
Drainage Ditch 4	510	PEM2Jx	Upland-cut Drainage Ditch	0.35
Drainage Ditch 5	510	PEM2Jx	Upland-cut Drainage Ditch	0.17
<b>Total Drainage Ditches</b>				<b>1.37</b>
Wetland 1	530	POWHx	Pond	0.59
	617	PFO1C	Mixed Wetland Hardwoods	0.50
	631	PSS1C	Wetland Scrub	1.48
	<b>Sub-total Wetland 1</b>			<b>2.57</b>
Wetland 2	510	E1UB2N	Tidal Creek	0.12
	631	E2SS3A	Wetland Scrub	0.59
	642	E2EM1P	Saltmarsh	0.67
	<b>Sub-total Wetland 2</b>			<b>1.38</b>
Wetland 3	612	E2SS3N	Mangroves	0.16
	615	PFO1P	Stream and Lake Swamps (Bottomland)	0.65
	642	E2EM1N	Saltmarsh	1.58
	<b>Sub-total Wetland 3</b>			<b>2.39</b>
Wetland 4	642	E2EM1N	Saltmarsh (Shoreline)	0.14
	<b>Sub-total Wetland 4</b>			<b>0.14</b>
<b>Total Wetlands</b>				<b>6.48</b>
River 1	510	E1UB2L	Manatee River (open water portion)	3.22
<b>Total Rivers</b>				<b>3.22</b>
<b>Total Surface Waters</b>				<b>11.07</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

Descriptions of these surface waters are provided in the following paragraphs beginning at the southern terminus of the construction limits and continuing to the northern terminus of the construction limits.

FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
530	RESERVOIRS
612	MANGROVE SWAMPS
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
617	MIXED WETLAND HARDWOOD
619	EXOTIC WETLAND HARDWOOD
631	WETLAND SCRUB
642	SALTWATER MARSHES
814	ROADS AND HIGHWAYS



Path: I:\Projects\12009385 Hamer Bridge Manatee River\Applications\mxd\March 2013\Fort Hamer Wetlands.mxd

**Legend**

- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code
- Ditch
- River
- Wetland

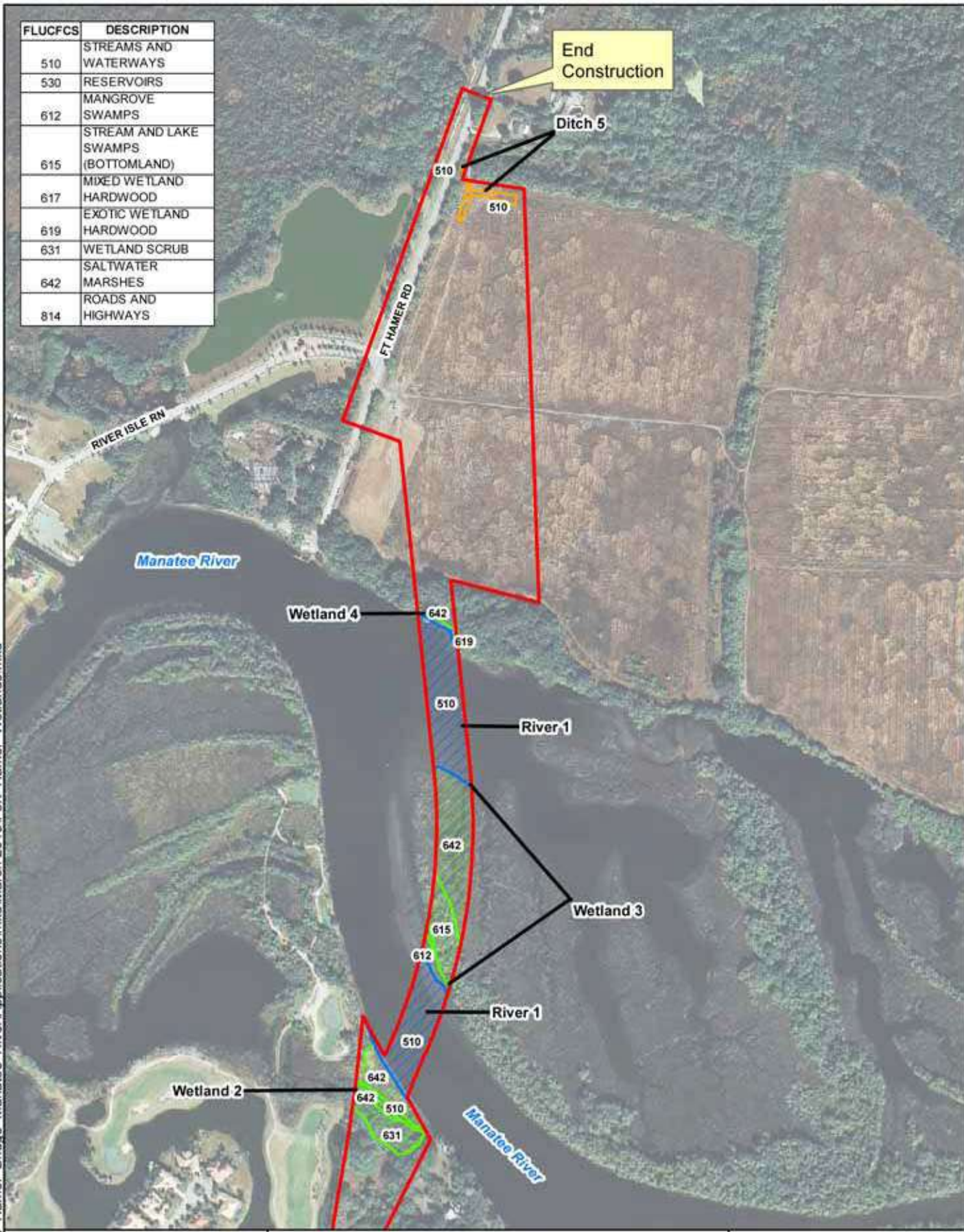
Sources:  
Aerial- FDOT, 2011  
FLUCFCS- SWFWMD, 2009 &  
URS Field Reviews

**Figure 7a**  
Wetlands and Other Surface Waters  
within the Fort Hamer Alternative  
Construction Limits

0      250      500

Feet

FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
530	RESERVOIRS
612	MANGROVE SWAMPS
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
617	MIXED WETLAND HARDWOOD
619	EXOTIC WETLAND HARDWOOD
631	WETLAND SCRUB
642	SALTWATER MARSHES
814	ROADS AND HIGHWAYS



Path: I:\Projects\12009385\_Hamer Bridge\_Manatee River\Applications\mxd\March 2013\Fort Hamer\_Wetlands.mxd

**Legend**

- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code
- Ditch
- River
- Wetland

Sources:  
Aerial- FDOT, 2011  
FLUCFCS- SWFWMD, 2009 &  
URS Field Reviews

**Figure 7b**  
Wetlands and Other Surface Waters  
within the Fort Hamer Alternative  
Construction Limits

0      250      500

Feet



### **Drainage Ditch 1**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PEM2Jx (*Palustrine, Emergent, Non-Persistent, Intermittently Flooded, Excavated*)

Drainage Ditch 1 is located along the west side of Upper Manatee River Road north of the entrance to the Waterlefe subdivision. This ditch consists of a maintained swale excavated from upland soils and is connected to Drainage Ditch 2 (described below) via metal culverts underneath Upper Manatee River Road. This swale does not have vegetation along the banks, but does contain herbaceous groundcover such as torpedo grass and dayflower (*Commelina* spp.). Drainage Ditch 1 comprises 0.52 acre of the Fort Hamer Alternative.

### **Drainage Ditch 2**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PEM2Jx (*Palustrine, Emergent, Non-Persistent, Intermittently Flooded, Excavated*)

Drainage Ditch 2 is located along the east side of Upper Manatee River Road north of the entrance to the Waterlefe subdivision. This maintained ditch is constructed within upland soils and is connected to Drainage Ditch 1 via metal culverts beneath Upper Manatee River Road. The ditch flows eastward along Upper Manatee River Road and eventually drains to an estuarine creek that serves as a tributary to the Manatee River. This ditch does not have vegetation along the banks, but does contain herbaceous groundcover such as torpedo grass and dayflower. Drainage Ditch 2 comprises 0.09 acre of the Fort Hamer Alternative.

### **Wetland 1**

**FLUCFCS:** 530 – *Reservoirs*

617 – *Mixed Wetland Hardwoods*

631 – *Wetland Scrub*

**FWS:** POWHx (*Palustrine, Open Water, Permanently Flooded, Excavated*)

PFO1C (*Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded*)

PSS1C (*Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Seasonally Flooded*)

Wetland 1 is located south of the Manatee River at the intersection of Winding Stream Way and Upper Manatee River Road. This isolated wetland is a combination of three wetland habitat types; wetland scrub-shrub, mixed wetland hardwood forest, and freshwater pond. The wetland scrub is dominated by woody shrub and herbaceous species including saltbush (*Baccharis halimifolia*), Carolina willow (*Salix caroliniana*), wax myrtle (*Myrica cerifera*), buttonbush (*Cephalanthus occidentalis*), ragweed (*Ambrosia artemisiifolia*), yellow-eyed grass (*Xyris* spp.), water pennywort (*Hydrocotyle umbellata*), bushy broom grass (*Andropogon glomeratus*), arrowhead (*Sagittaria* spp.), soft rush (*Juncus effusus*), and sand cord grass (*Spartina bakeri*). The scrub component of Wetland 1 covers 1.48 acres of the Fort Hamer Alternative.

The mixed wetland hardwood forest in Wetland 1 is dominated by live oak (*Quercus virginiana*), laurel oak, American elm (*Ulmus americana*), Carolina willow, cabbage palm, yellow-eyed grass, sword fern (*Nephrolepis* spp.), and cinnamon fern (*Osmunda cinnamomea*). The mixed wetland hardwood forest component of Wetland 1 covers 0.50 acre of the Fort Hamer Alternative.

The pond portion of Wetland 1 appears to be an excavated borrow pit and is mostly open water with an emergent littoral fringe of vegetation. The littoral zone is dominated by East Indian Hygrophila (*Hygrophila polysperma*), torpedo grass, water pennywort, smartweed (*Polygonum* spp.), dayflower, water-lily (*Nymphaea* spp.), and cattail (*Typha* spp.). Wax myrtle, buttonbush, and saltbush are also present landward of the emergent species in the littoral zone. Although not a dominant species, Brazilian pepper (*Schinus terebinthifolius*) is present in the west and south portions of Wetland 1. The open water pond component of Wetland 1 covers 0.59 acre of the Fort Hamer Alternative.

Wetland 1 covers a total of 2.57 acres within the Fort Hamer Alternative.

### **Drainage Ditch 3**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PEM2Jx (*Palustrine, Emergent, Non-Persistent, Intermittently Flooded, Excavated*)

Drainage Ditch 3 is located south of the Manatee River west and south of Winding Stream Way. This stormwater management ditch was excavated from upland soils. The ditch is dominated by emergent herbaceous species, including torpedo grass, water pennywort, alligator weed (*Alternanthera philoxeroides*), duckweed (*Lemna* spp.), nut sedge (*Cyperus rotundus*), arrowhead, pickerelweed, and filamentous algae. This ditch connects to Drainage Ditch 4 (described below) via a metal culvert underneath Winding Stream Way. Drainage Ditch 3 comprises 0.24 acre of the Fort Hamer Alternative.

### **Drainage Ditch 4**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PEM2Jx (*Palustrine, Emergent, Non-Persistent, Intermittently Flooded, Excavated*)

Drainage Ditch 4 is located south of the Manatee River west and north of Winding Stream Way. This stormwater management ditch was excavated from upland soils. The southern portion of this ditch is dominated by emergent herbaceous species, including torpedo grass, water pennywort, alligator weed, duckweed, nut sedge, arrowhead, pickerelweed, and filamentous algae. The northern portion of this ditch is overgrown with Brazilian pepper. The south end of the ditch is connected to Drainage Ditch 3 and the north end terminates in a live oak-dominated upland area. Drainage Ditch 4 comprises 0.35 acre of the Fort Hamer Alternative.

## **Wetland 2**

**FLUCFCS:** 510 – *Streams and Waterways (Tidal Creek)*

631 – *Wetland Scrub*

642 – *Saltwater Marshes*

**FWS:** E1UB2N (*Estuarine, Sub-Tidal, Unconsolidated Bottom, Sand, Regularly Flooded*)

E2SS3A (*Estuarine, Inter-Tidal, Scrub-Shrub, Broad-Leaved Evergreen, Temporarily Flooded*)

E2EM1P (*Estuarine, Inter-tidal, Emergent, Persistent, Irregularly Flooded*)

Wetland 2 is located south of the Manatee River and north of Winding Stream Way. This wetland is a combination of three wetland habitat types, including saltwater marsh, wetland scrub, and a short segment of tidally influenced creek. The saltwater marsh is dominated by herbaceous species including black needle rush, leather fern (*Acrostichum* spp.), and sand cord grass. The saltwater marsh component of Wetland 2 covers 0.67 acre of the Fort Hamer Alternative.

The scrub portion of Wetland 2 is dominated by saltbush, wax myrtle, Brazilian pepper, red mangroves (*Rhizophora mangle*), and black mangroves (*Avicennia germinans*). The understory of this area is heavily shaded and contains mostly leaf litter on the wetland surface. The wetland scrub component of Wetland 2 covers 0.59 acre of the Fort Hamer Alternative.

A tidally influenced creek flows through Wetland 2 and connects other wetlands in the Waterlefe subdivision to the Manatee River. The creek consists mostly of unconsolidated sandy and muck sediments, but is lined with red mangroves and leather fern. A patch of widgeon grass (*Ruppia maritima*) was observed within this creek. This creek covers 0.12 acre of the Fort Hamer Alternative in Wetland 2.

Wetland 2 covers a total of 1.38 acres of the Fort Hamer Alternative.

## **River 1**

**FLUCFCS:** 510 – *Streams and Waterways (Open Water Portion of River)*

**FWS:** E1UB2L (*Estuarine, Sub-Tidal, Unconsolidated Bottom, Sand, Sub-Tidal*)

The Fort Hamer Alternative crosses the Manatee River. The southern portion of the crossing is the major flow channel of the river with a maximum depth of approximately 12 feet at mean high tide. This area is mostly open water with a sandy bottom and a thin littoral fringe of emergent vegetation on the south bank. Dominant vegetation observed in the littoral fringe includes black needle rush, red mangroves, and black mangroves. Widgeon grass was also observed along a narrow strip on the north side of the main river channel, immediately waterward of Wetland 3 (described below). The widgeon grass in this area occurred in scattered patches with each patch consisting of generally less than 10 percent coverage by short, thin-bladed stems and leaves. These patches were separated by areas of bare sand substrate.

The north portion of the river crossing is located north of Wetland 3 and consists of a shallow embayment with a fine, silty-sand bottom. This portion of the river is mostly sub-tidal; however, the bottom may be exposed on very low winter tides. The north shoreline of the river is bordered by Wetland 4 (described below).

River 1 comprises 3.22 acres of the Fort Hamer Alternative.

### **Wetland 3**

**FLUCFCS:** 612 – *Mangrove Swamps*

615 – *Stream and Lake Swamps (Bottomland)*

642 – *Saltwater Marshes*

**FWS:** E2SS3N (*Estuarine, Inter-Tidal, Scrub-Shrub, Broad-Leaved Evergreen, Regularly Flooded*)

PFO1P (*Palustrine, Forested, Broad-Leaved Deciduous, Irregularly Flooded*)

E2EM1N (*Estuarine, Inter-Tidal, Emergent, Persistent, Regularly Flooded*)

Wetland 3 is low peninsula located immediately north of the main river channel and consists of a combination of three wetland habitat types: mangrove swamp, stream and lake (bottomland) swamp, and saltwater marsh. The mangrove swamp is dominated by red mangrove, black mangrove, and black needle rush. Leather fern and water hyssop (*Bacopa* spp.) are also present as associate species. The area of mangrove swamp within Wetland 3 comprises 0.16 acre of the Fort Hamer Alternative.

Bottomland swamp in Wetland 3 occurs on and between depositional features that are slightly higher in elevation than the adjacent mangrove swamp. This area is dominated by laurel oak, water oak, swamp bay (*Persea palustris*), cabbage palm, Myrsine (*Myrsine guianensis*), buttonbush, saw-grass (*Cladium jamaicense*), leather fern, low panicums (*Panicum* spp.), and chalky bluestem grass (*Andropogon virginicus* var. *glaucus*). Upland vegetation consisting of live oak, Brazilian pepper, and red cedar (*Juniperus virginiana*) is also present along the thin depositional berm adjacent to the river; however, these areas are generally too small to separate from the surrounding bottomland swamp and, therefore, are included in that classification. The area of bottomland swamp within Wetland 3 comprises 0.65 acre of the Fort Hamer Alternative.

The saltmarsh portion of Wetland 3 is located north of the bottomland swamp portion of the wetland. The saltmarsh is dominated by black needle rush, but also has a narrow open water tidal creek. Leather fern and red mangroves were present as associate species. The area of saltmarsh within Wetland 3 comprises 1.58 acres of the Fort Hamer Alternative.

Wetland 3 covers a total of 2.39 acres of the Fort Hamer Alternative.

### **Wetland 4**

**FLUCFCS:** 642 – *Saltwater Marshes*

**FWS:** E2EM1N (*Estuarine, Inter-Tidal, Emergent, Persistent, Regularly Flooded*)

Wetland 4 is located along the north bank of the Manatee River east of the Fort Hamer Road boat ramp and contains a narrow strip of tidally-influenced shoreline with patches of black needle rush, red mangrove, and black mangrove. Wetland 4 comprises 0.14 acre of the Fort Hamer Alternative.

## **Drainage Ditch 5**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PEM2Jx (*Palustrine, Emergent, Non-Persistent, Intermittently Flooded, Excavated*)

Drainage Ditch 5 is located at the north end of the Fort Hamer Alternative, north of the entrance to Rive Isle Golf and Nautical Estates subdivision and east of Fort Hamer Road. This drainage ditch was excavated from upland soils and is connected to a forested wetland west of the project area via a metal culvert underneath Fort Hamer Road. The ditch is dominated by herbaceous species, including cinnamon fern, ragweed, muscadine grape (*Vitis rotundifolia*), and dayflower. Brazilian pepper overhangs the ditch until it opens into fallow crop land east of Fort Hamer Road. Drainage Ditch 5 comprises 0.17 acre of the Fort Hamer Alternative.

### **2.4.2 RYE ROAD ALTERNATIVE**

Eleven wetlands, two rivers (including Gamble Creek), one pond, and eight roadside ditches were identified within the construction limits of the Rye Road Alternative. **Figures 8a through 8o** show the location of each of these surface water features and **Table 6** summarizes the type and acreage of each surface water habitat identified within the construction limits.

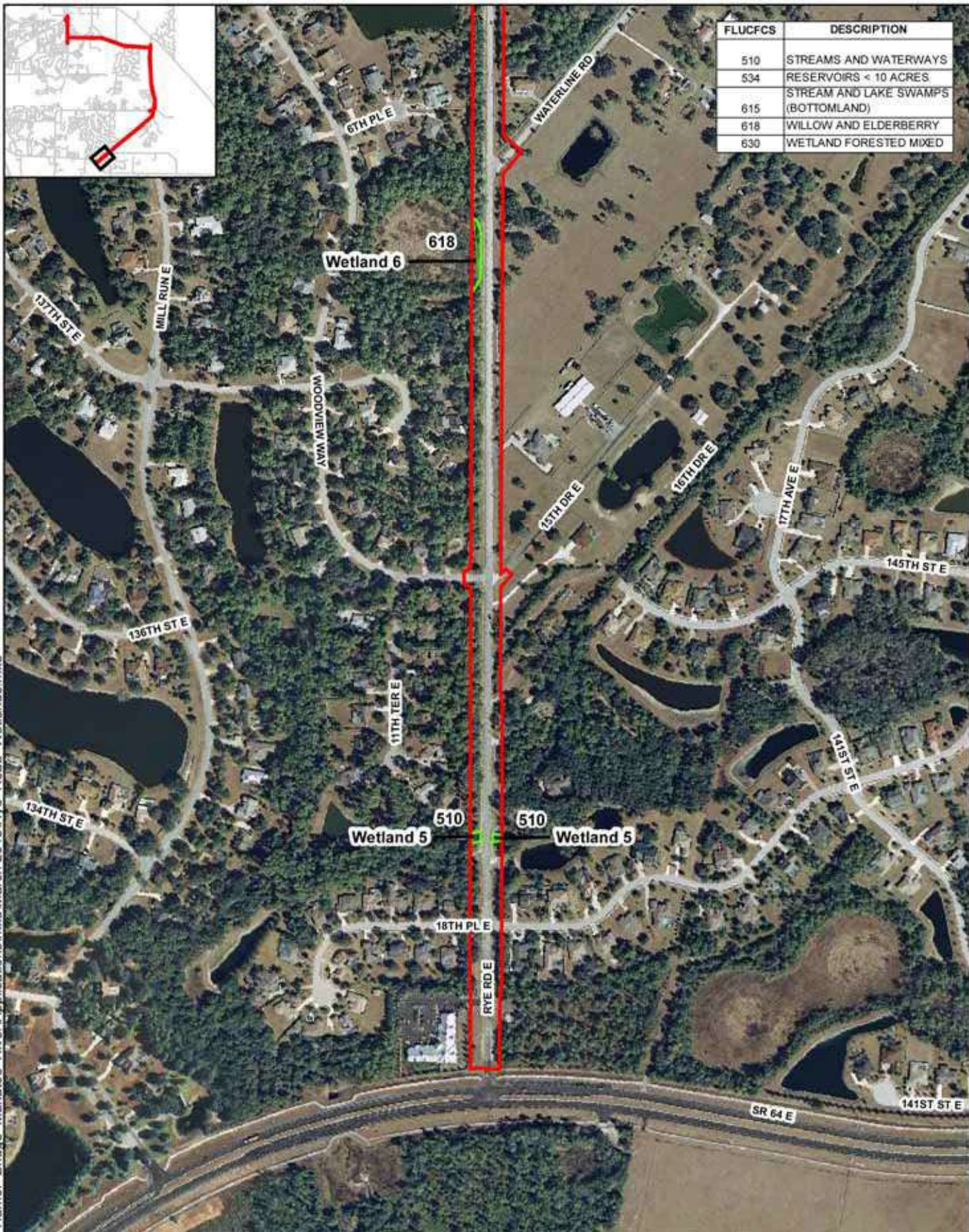
Descriptions of these surface waters are provided in the following paragraphs, beginning at the southern terminus and continuing north to the northern terminus of the Rye Road Alternative.

## **Wetland 5**

**FLUCFCS:** 510 – *Streams and Waterways (Channelized Stream)*

**FWS:** PUB2Jx (*Palustrine, Unconsolidated Bottom, Sand, Intermittently Flooded, Excavated*)

This is a wet ditch bisected by Rye Road approximately 350 feet northeast of 18<sup>th</sup> Place East. This ditch appears to be a channelized stream that runs perpendicular to Rye Road and eventually terminates into an unnamed tributary of the Manatee River outside of the Rye Road Alternative. On the northwest side of Rye Road, the ditch contains steep banks with sparse vegetation, including wild taro and chain fern, under a dense canopy of upland, pine/oak forest. On the southeast side of Rye Road, this ditch has steep banks that had been recently shaped and seeded. No vegetation was observed in this portion of the ditch, but mosquito fish (*Gambusia holbrooki*) and sailfin mollies (*Poecilia letipinna*) were present. During the field review, water was present and flowing from the south to the north. This ditch comprises 0.06 acre of the Rye Road Alternative.



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED

Path: I:\Projects\12009385 - Hamer Bridge - Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

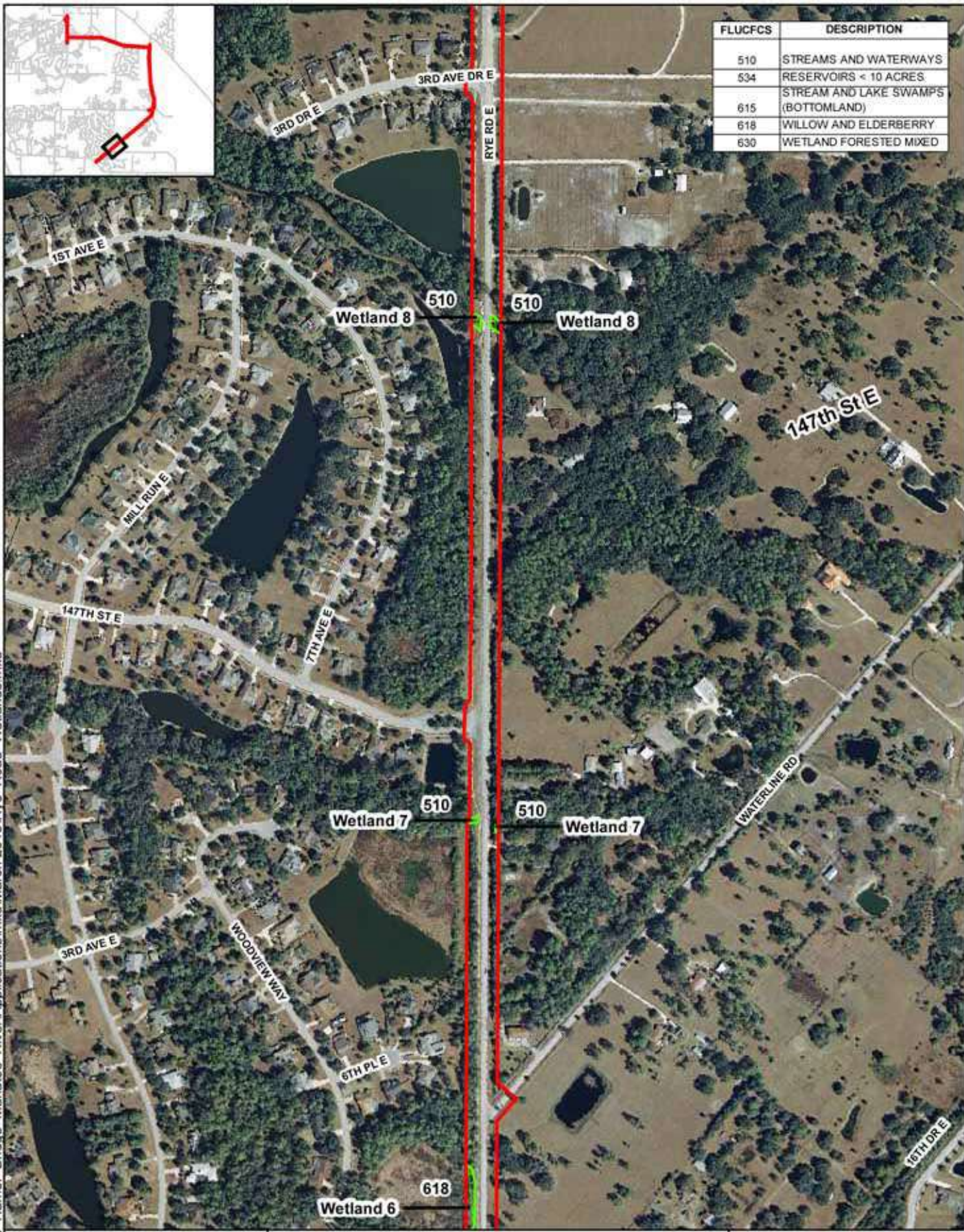
**Legend**

- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 8a  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0 250 500  
 Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED

Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

- ▬ Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- Ditch
- River
- Wetland

**Sources:**  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

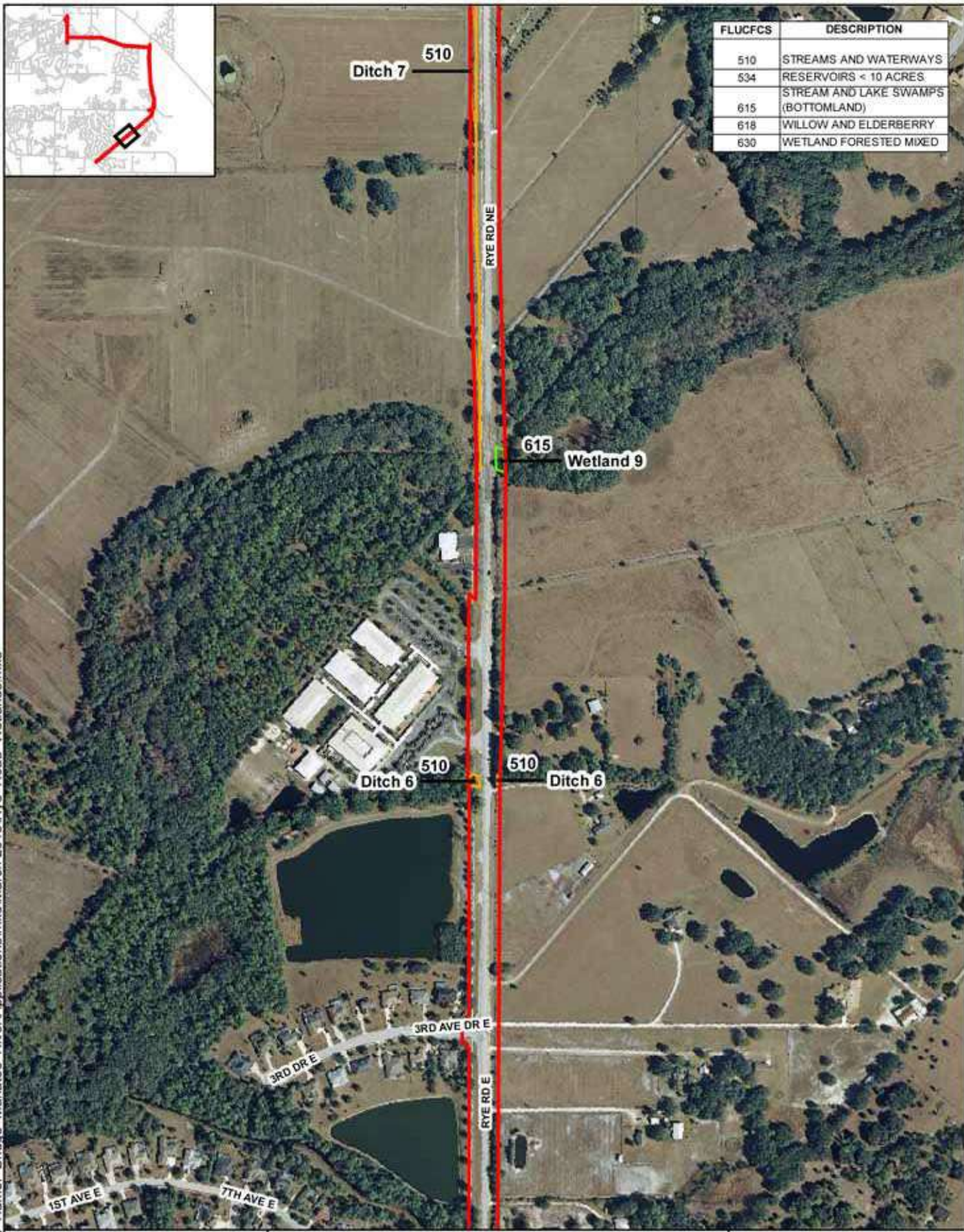
**Figure 8b**  
**Surface Water and Wetlands**  
**within the Rye Road Alternative**  
**Construction Limits**

0    250    500

Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED



Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

- ▭ Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- ▭ Ditch
- ▭ River
- ▭ Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

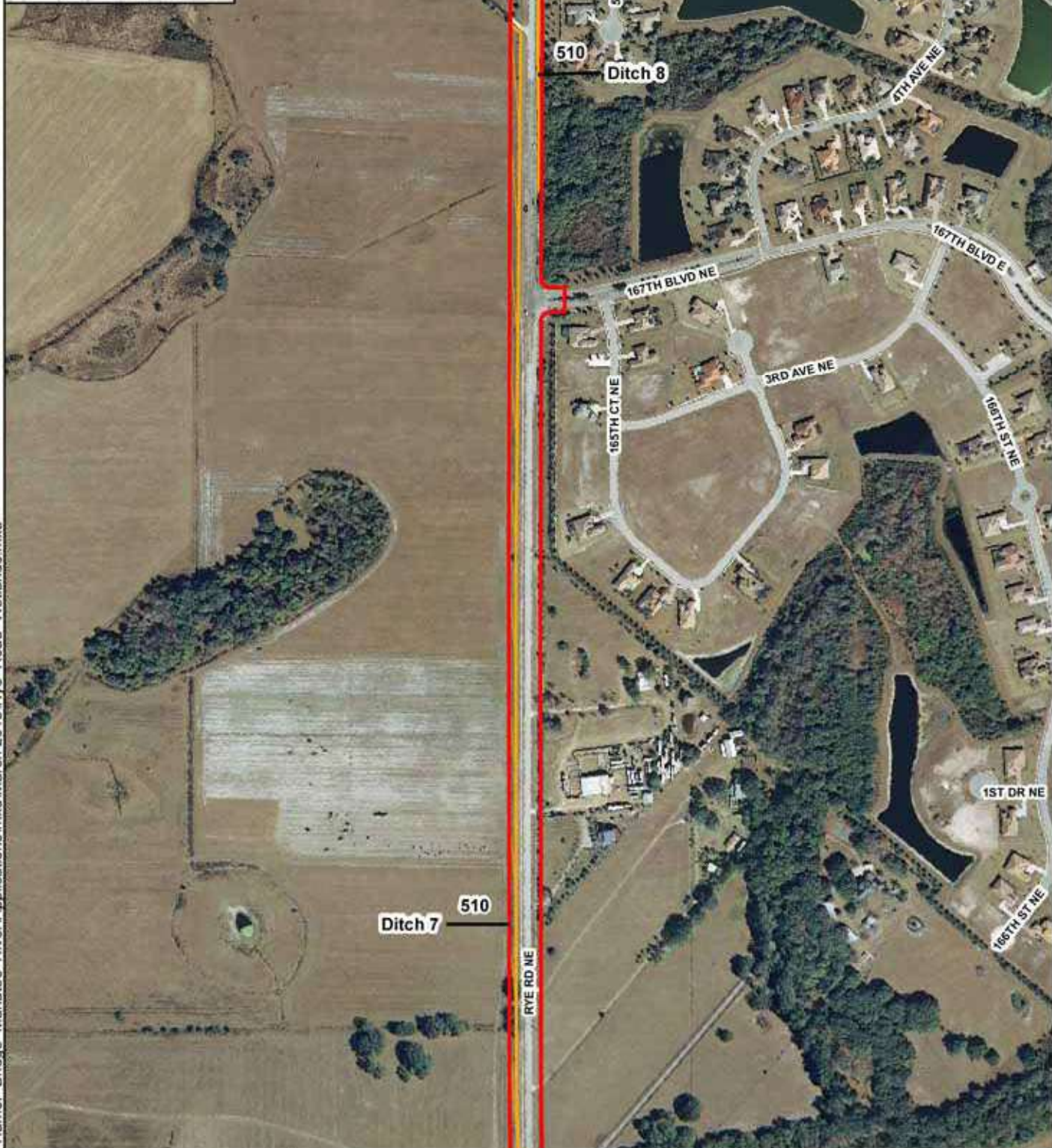
**Figure 8c**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0 250 500  
 Feet





FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED



Path: I:\Projects\12009385\_Hamer Bridge\_Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 8d  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0 250 500  
 Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED


Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

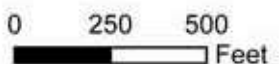
- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 8e**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits



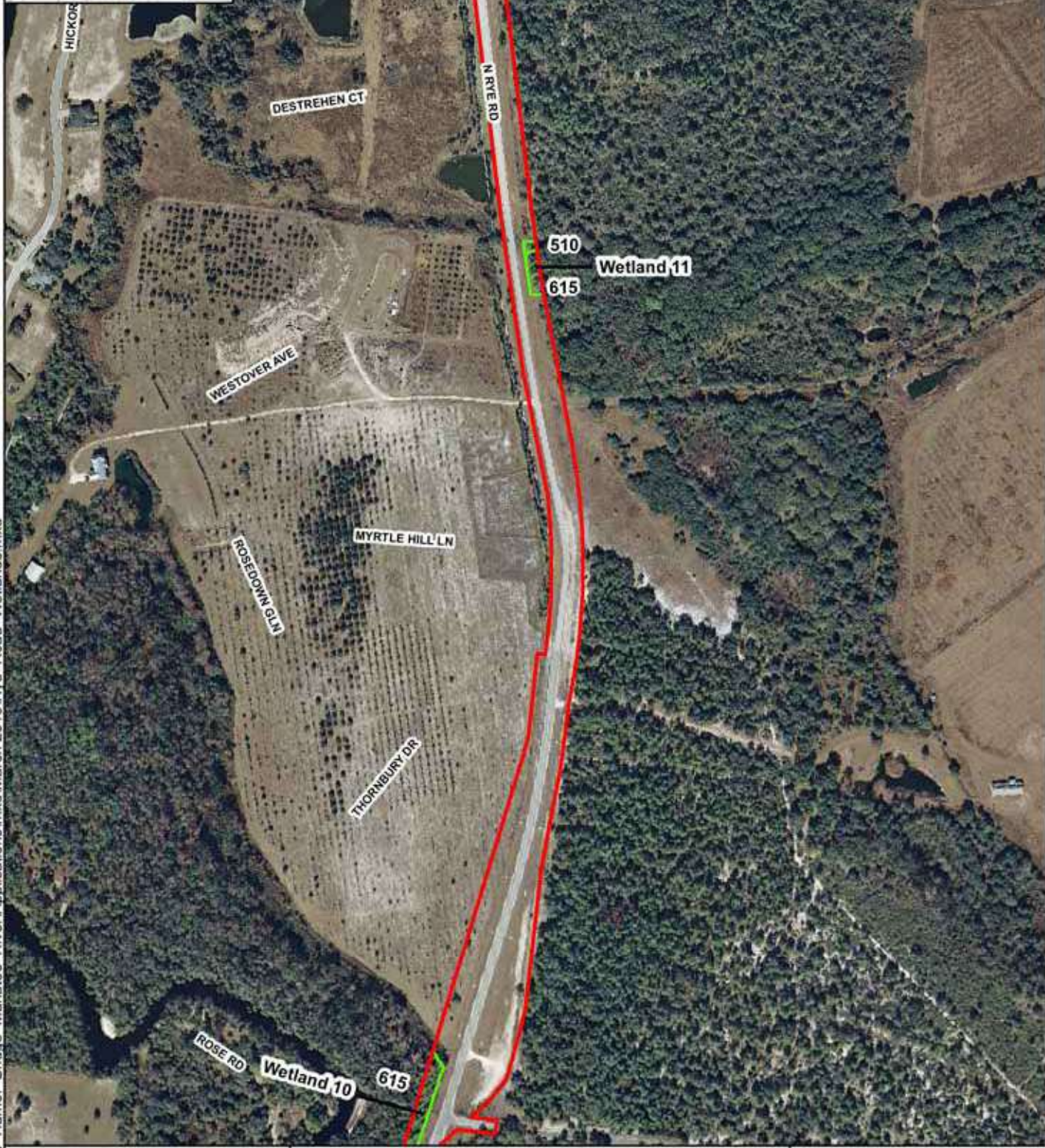
0    250    500



Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED



Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

- ▬ Construction Limits
- ▬ Surface Water Boundary w/ FLUCFCS Code
- ▬ Ditch
- ▬ River
- ▬ Wetland

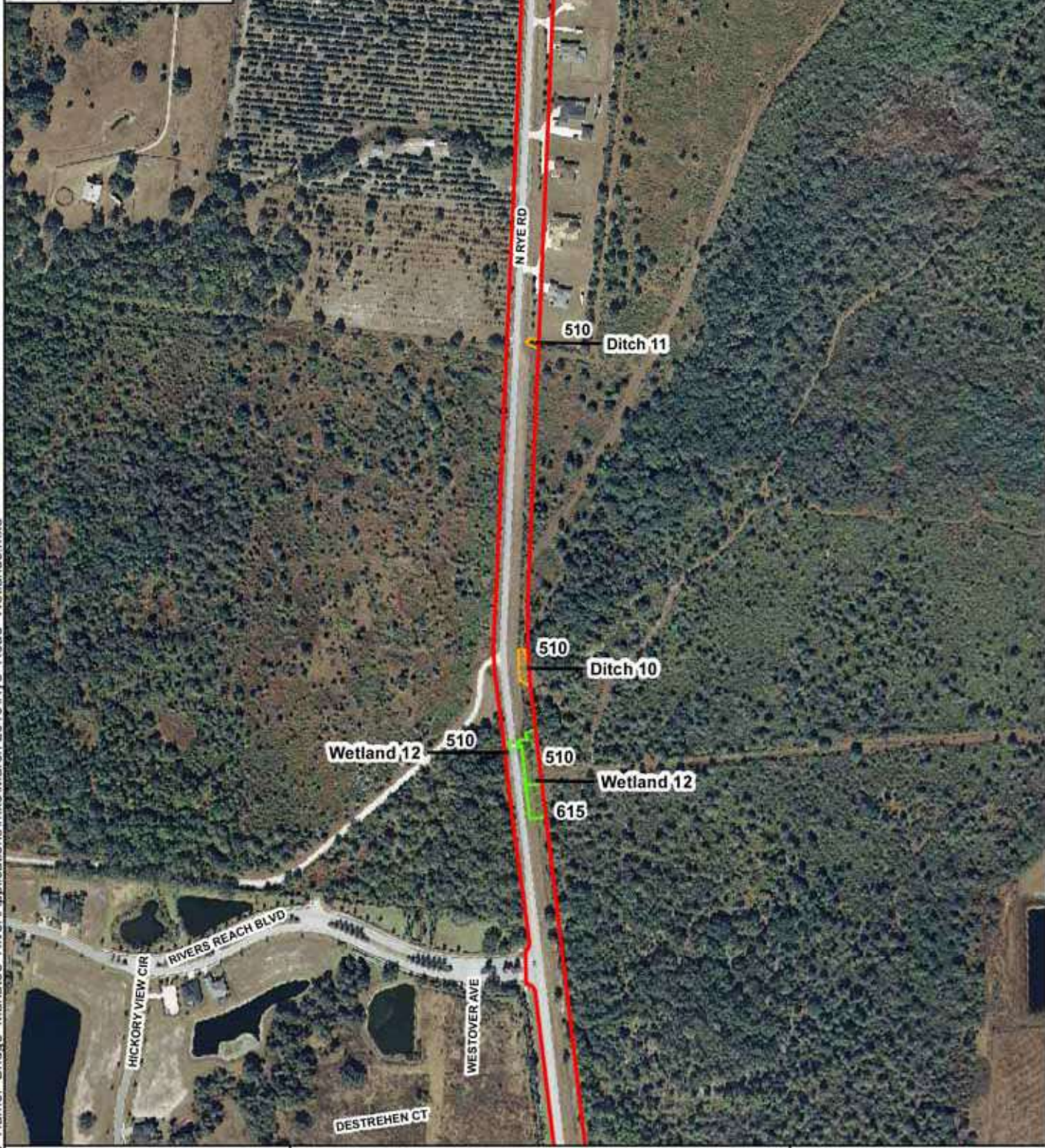
Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 8f**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0 250 500 Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED



Path: I:\Projects\12009385\_Hamer Bridge\_Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

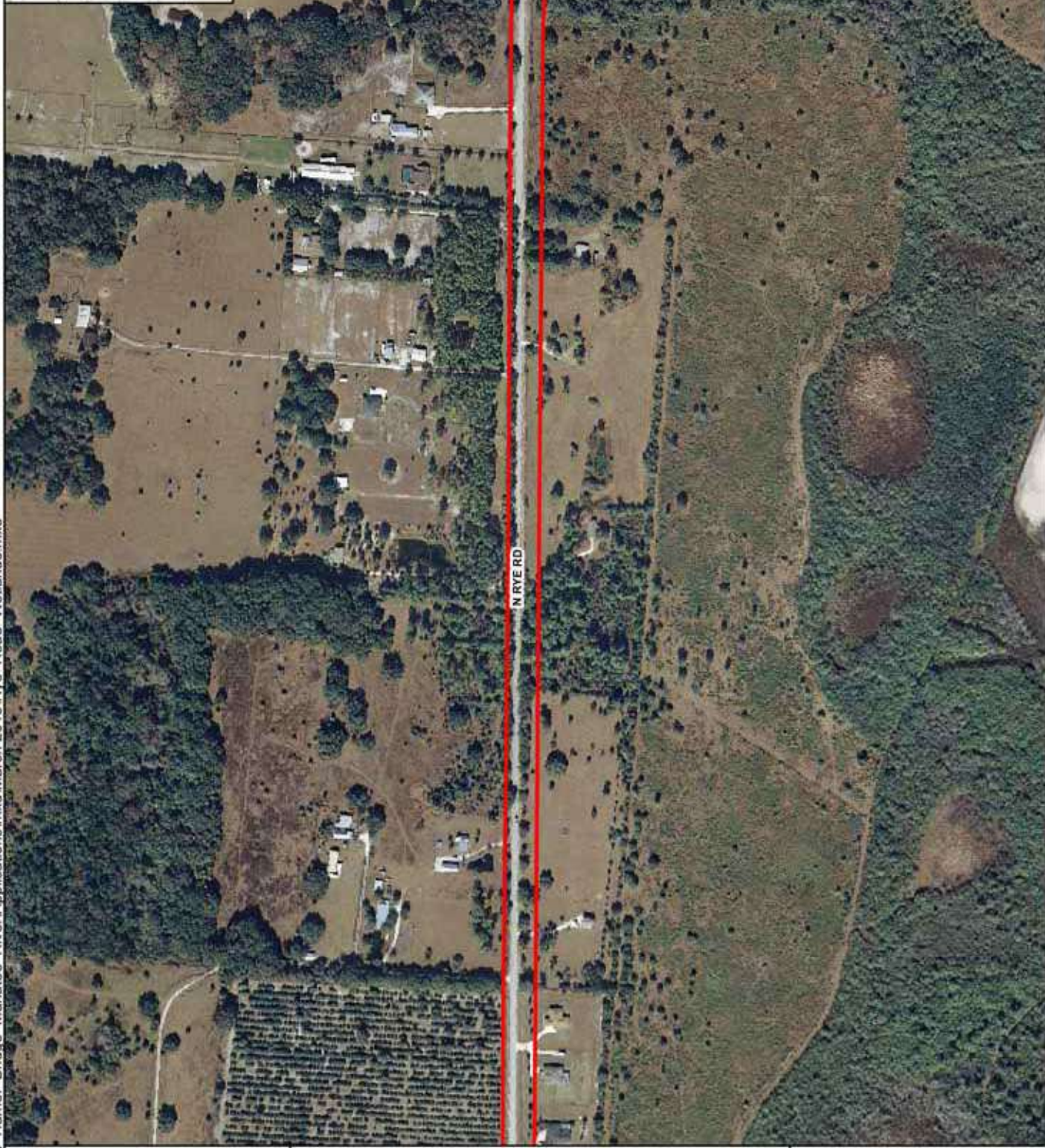
**Figure 8g**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0      250      500

Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED



Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

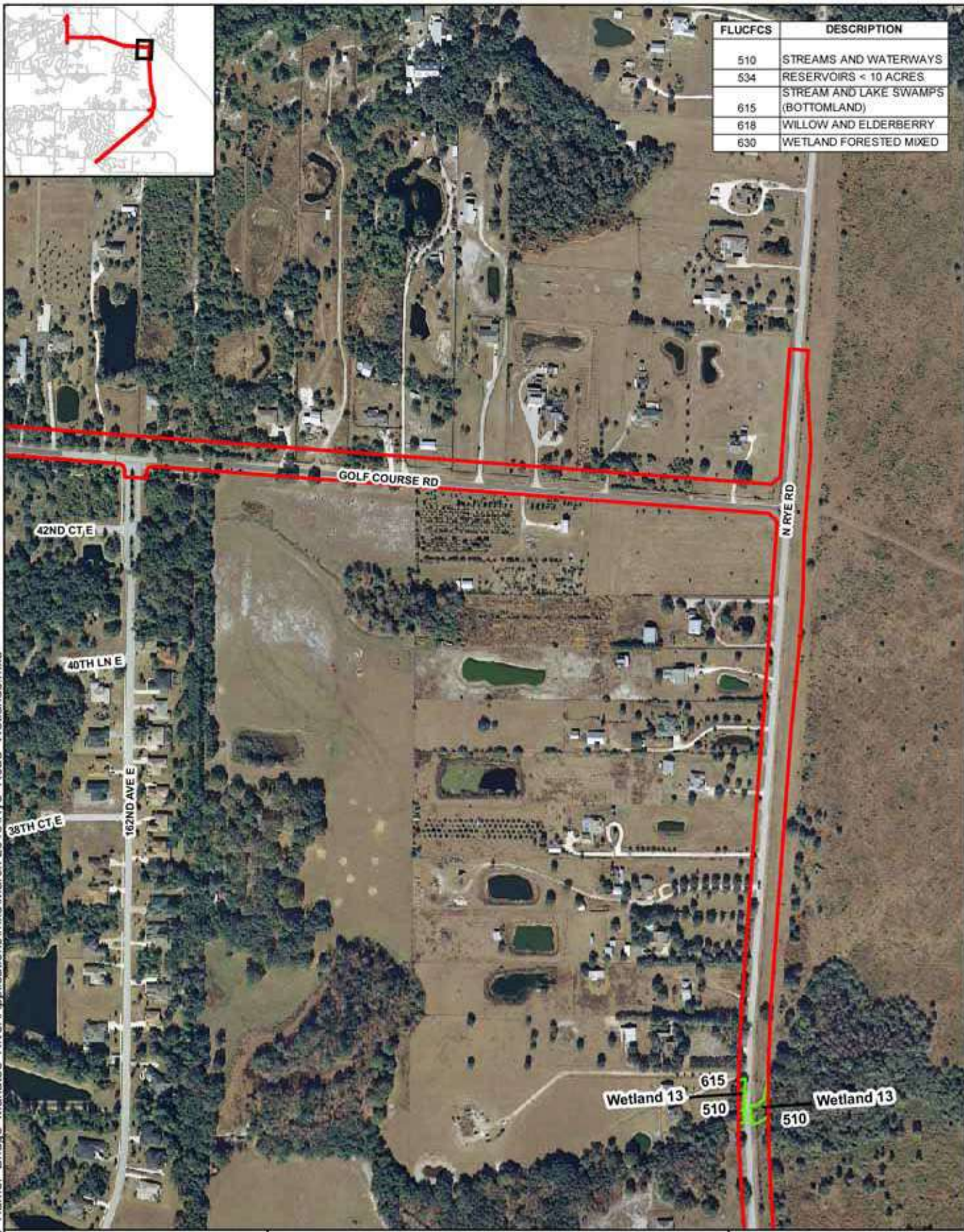
- ▬ Construction Limits
- Surface Water Boundary w/ FLUCFCS Code
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 8h**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0    250    500

Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED

Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

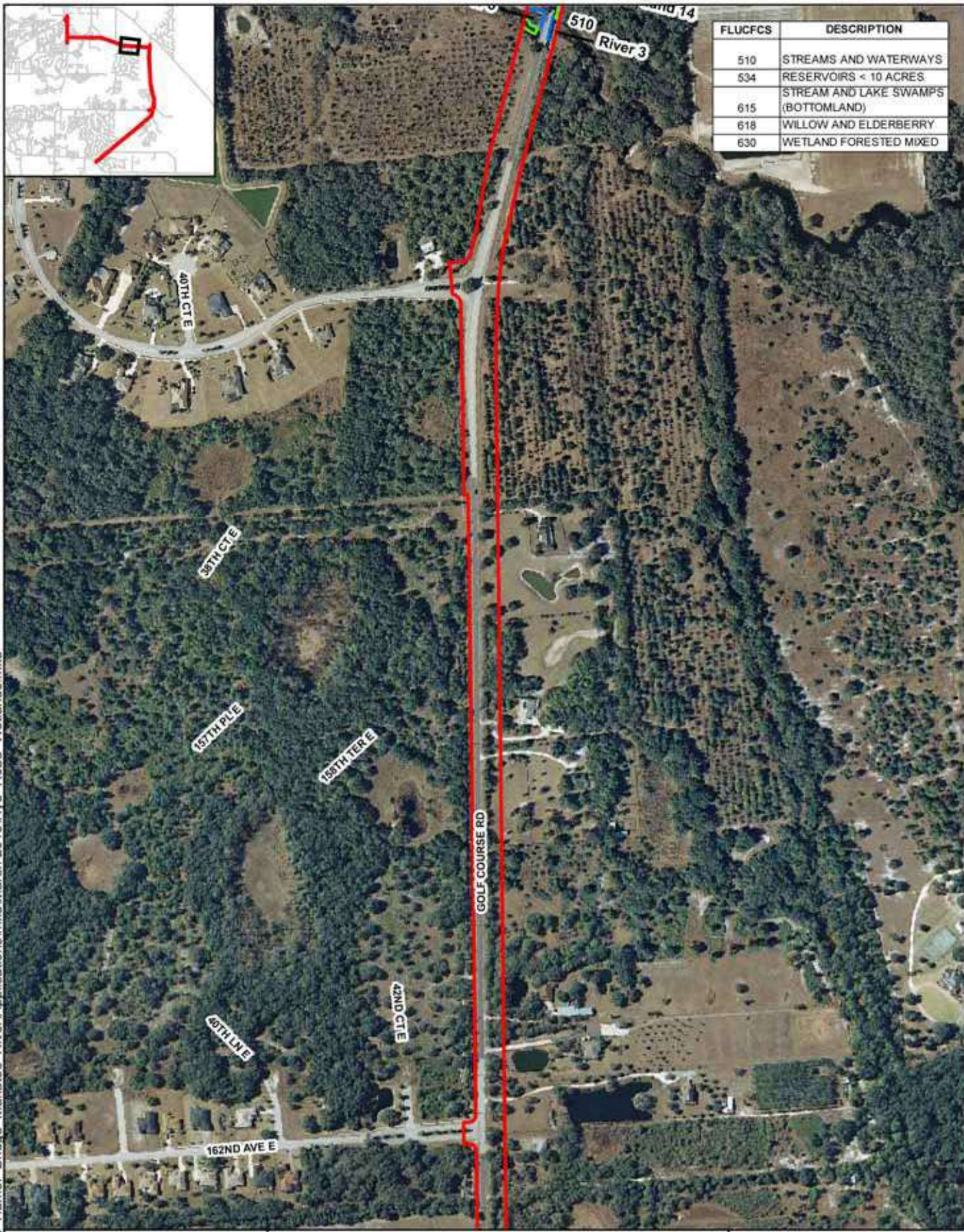
- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 8i**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0    250    500

Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED

Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

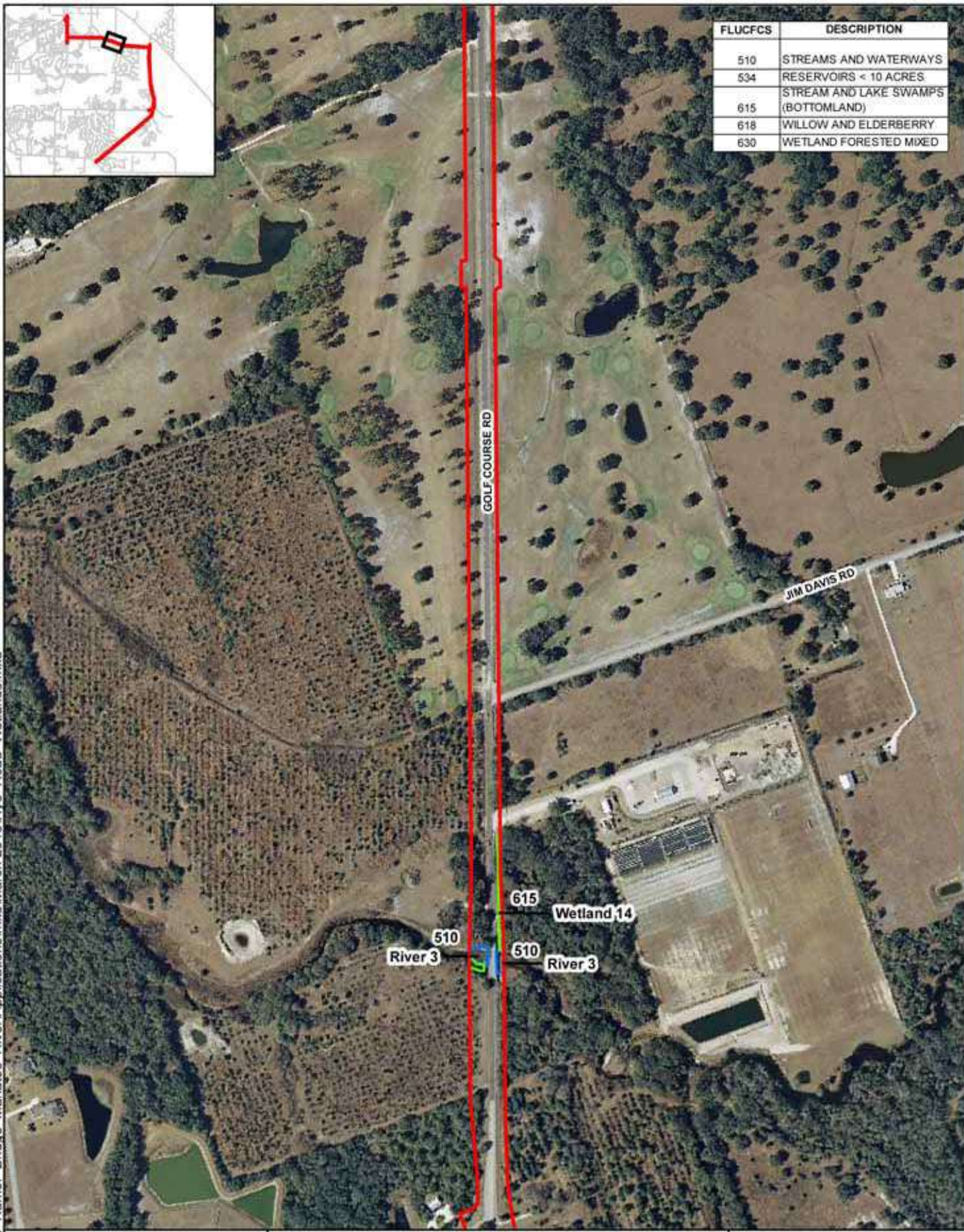
**Legend**

- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 8j**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0    250    500  
  
 Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED

Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

- ▬ Construction Limits
- ▬ Surface Water Boundary w/ FLUCFCS Code
- ▭ Ditch
- ▭ River
- ▭ Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 8k  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0 250 500  
 Feet



Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED

**Legend**

- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

Figure 8I  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0 250 500  
 Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED



Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

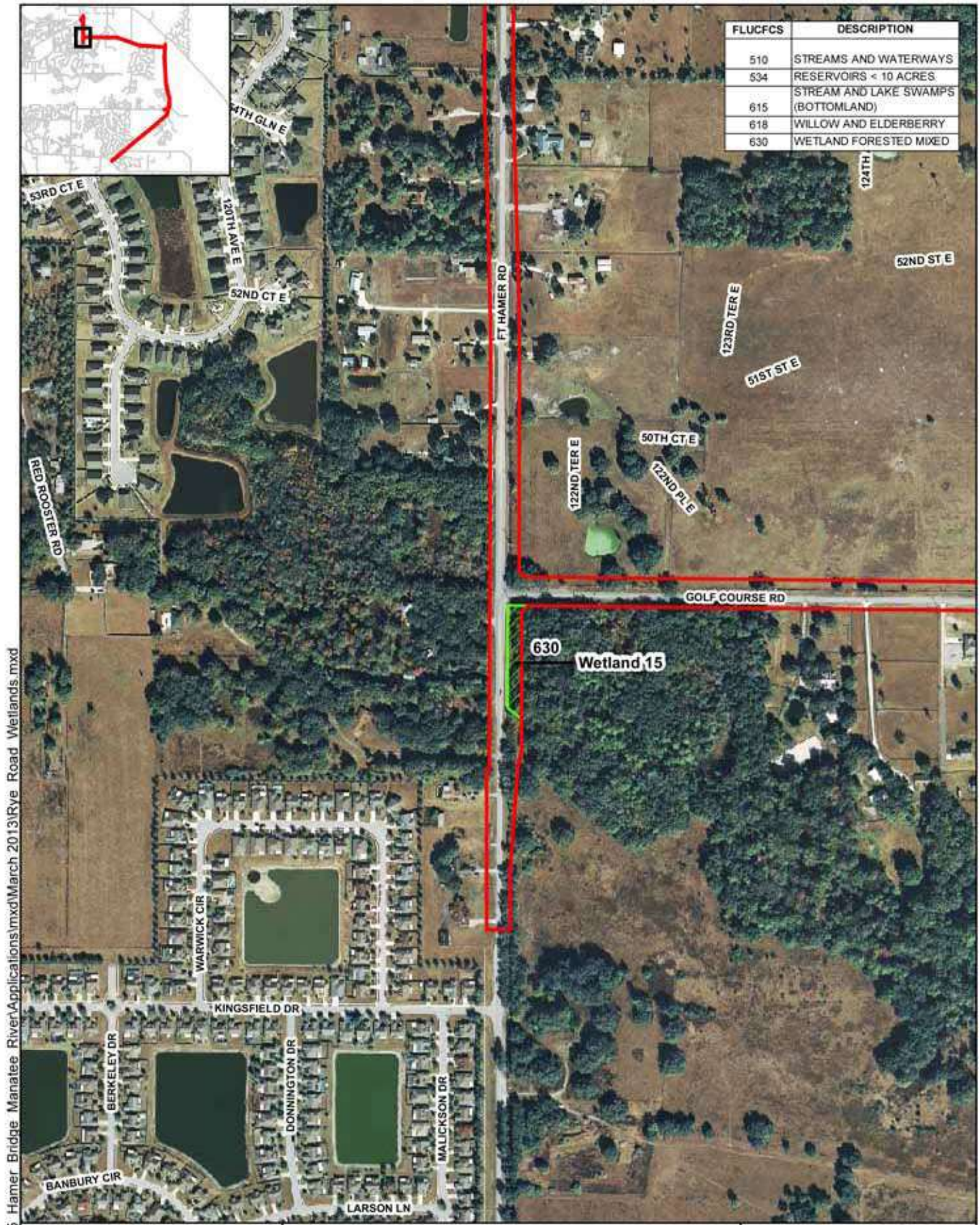
**Legend**

- ▬ Construction Limits
- Surface Water Boundary w/ FLUCFCS Code
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 8m**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0    250    500  
 Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED

Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

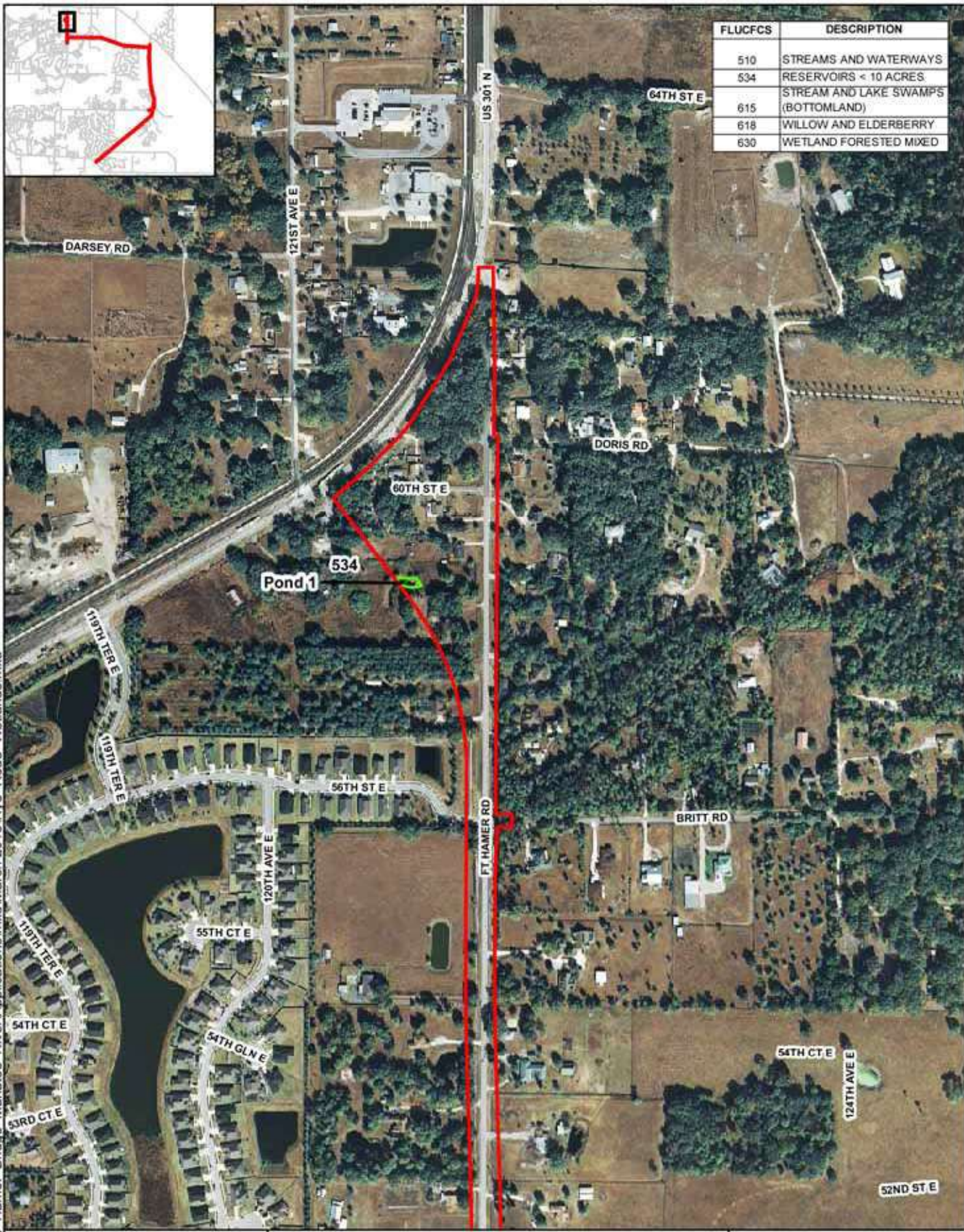
- Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 8n**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0    250    500

Feet



FLUCFCS	DESCRIPTION
510	STREAMS AND WATERWAYS
534	RESERVOIRS < 10 ACRES
615	STREAM AND LAKE SWAMPS (BOTTOMLAND)
618	WILLOW AND ELDERBERRY
630	WETLAND FORESTED MIXED

Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Rye Road Wetlands.mxd

**Legend**

- ▭ Construction Limits
- Surface Water Boundary w/ FLUCFCS Code**
- Ditch
- River
- Wetland

Sources:  
 Aerial- FDOT, 2011  
 FLUCFCS- SWFWMD, 2009 &  
 URS Field Reviews

**Figure 8o**  
 Surface Water and Wetlands  
 within the Rye Road Alternative  
 Construction Limits

0      250      500

Feet

**TABLE 6  
WETLANDS AND OTHER SURFACE WATERS WITHIN  
THE RYE ROAD ALTERNATIVE CONSTRUCTION LIMITS**

<b>Feature</b>	<b>FLUCFCS Classification<sup>1</sup></b>	<b>FWS Classification<sup>2</sup></b>	<b>Description</b>	<b>Acres</b>
Drainage Ditch 6	510	PUB2Jx	Upland-cut Drainage Ditch	0.05
Drainage Ditch 7	510	PUB2Jx	Upland-cut Drainage Ditch	2.77
Drainage Ditch 8	510	PEM1Jx	Upland-cut Drainage Ditch	0.66
Drainage Ditch 9	510	PUB2Jx	Upland-cut Drainage Ditch	0.43
Drainage Ditch 10	510	PEM1Jx	Upland-cut Drainage Ditch	0.09
Drainage Ditch 11	510	PEM1Jx	Upland-cut Drainage Ditch	0.02
Drainage Ditch 12	510	PUB2Jx	Upland-cut Drainage Ditch	0.78
Drainage Ditch 13	510	PUB2Jx	Upland-cut Drainage Ditch	0.01
<b>Total Drainage Ditches</b>				<b>4.81</b>
Pond 1	534	PUB2H	Upland-cut Agriculture Pond	0.06
<b>Total Ponds</b>				<b>0.06</b>
Wetland 5	510	PUB2Jx	Stream (Channelized)	0.06
Wetland 6	618	PSS1C	Willow	0.19
Wetland 7	510	PUB2Jx	Stream (Channelized)	0.03
Wetland 8	510	PUB2Jx	Stream (Channelized)	0.08
Wetland 9	615	PFO1C	Stream Swamp (Bottomland)	0.07
Wetland 10	615	PFO1C	Stream Swamp (Bottomland)	0.61
Wetland 11	510	R2UB2	Stream (Channelized)	0.04
	615	PFO1C	Stream Swamp (Bottomland)	0.16
<b>Sub-total Wetland 11</b>				<b>0.20</b>
Wetland 12	510	R2UB2	Stream (Channelized)	0.25
	615	PFO1C	Stream Swamp (Bottomland)	0.15
<b>Sub-total Wetland 12</b>				<b>0.40</b>
Wetland 13	510	R2UB2	Stream	0.15
	615	PFO1J	Stream Swamp (Bottomland)	0.07
<b>Sub-total Wetland 13</b>				<b>0.22</b>
Wetland 14	615	PFO1J	Stream Swamp (Bottomland)	0.14
Wetland 15	630	PFO1C	Wetland Forested Mixed	0.52
<b>Total Wetlands</b>				<b>2.52</b>
River 2	510	R2UB2	Manatee River (open water portion)	0.17
River 3	510	R2UB2	Gamble Creek (open water portion)	0.15
<b>Total Rivers</b>				<b>0.32</b>
<b>Total Surface Waters</b>				<b>7.71</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

### **Wetland 6**

**FLUCFCS:** 618 – *Willow and Elderberry*

**FWS:** PSSIC (*Palustrine, Scrub-Shrub, Broad-Leaved Deciduous, Seasonally Flooded*)

This is an isolated wetland located approximately 300 feet southwest of Waterline Road on the northwest side of Rye Road. This wetland is a freshwater scrub-shrub wetland dominated by Carolina willow. Brazilian pepper, saltbush, bushy broom grass, and St. Augustine grass (*Stenotaphrum secundatum*) are also present as associate species. This wetland comprises 0.19 acre of the Rye Road Alternative.

### **Wetland 7**

**FLUCFCS:** 510 – *Streams and Waterways (Channelized Stream)*

**FWS:** PUB2Jx (*Palustrine, Unconsolidated Bottom, Sand, Intermittently Flooded, Excavated*)

This is a wet ditch bisected by Rye Road approximately 320 feet southwest of 147<sup>th</sup> Street East. This ditch appears to be a channelized stream that runs perpendicular to Rye Road and eventually terminates into an unnamed tributary of the Manatee River outside of the Rye Road Alternative. On the northwest side of Rye Road, the ditch contains steep banks with sparse vegetation under a dense canopy of upland, pine/oak forest. On the southeast side of Rye Road, this ditch is not as well defined with shallow-sloped banks. Sparse wild coffee (*Psychotria* sp.) and pokeweed (*Amaranthus australis*) are present in the ditch underneath a canopy of live oak, cabbage palm, and Brazilian pepper. No water was present in the ditch during the time of the field review. This ditch comprises 0.03 acre of the Rye Road Alternative.

### **Wetland 8**

**FLUCFCS:** 510 – *Streams and Waterways (Channelized Stream)*

**FWS:** PUB2Jx (*Palustrine, Unconsolidated Bottom, Sand, Intermittently Flooded, Excavated*)

This is a wet ditch bisected by Rye Road approximately 800 feet southwest of 3<sup>rd</sup> Drive East. This ditch appears to be a channelized stream that runs perpendicular to Rye Road and eventually terminates into Wetland 9 outside of the Rye Road Alternative. On the northwest side of Rye Road, the ditch contains both steep and shallow-sloped banks with pennywort, dayflower, thistle (*Cirsium* sp.), and filamentous green algae present near the base of the slopes. A narrow stream of water was flowing from south to north during the field review. On the southeast side of Rye Road, this ditch contains steeply sloped banks with alligator weed and filamentous green algae present. The water on this side of the ditch is considerably deeper than the north side of Rye Road and appeared to be stagnant. Mosquito fish, raccoon (*Procyon lotor*) tracks, and a soft shell turtle (*Apalone ferox*) were observed within this ditch. This ditch comprises 0.08 acre of the Rye Road Alternative.

### **Drainage Ditch 6**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PUB2Jx (*Palustrine, Unconsolidated Bottom, Sand, Intermittently Flooded, Excavated*)

This is a wet ditch bisected by Rye Road approximately 950 feet northeast of 3<sup>rd</sup> Drive East. This ditch appears to have been excavated from upland soils and runs perpendicular to Rye Road before terminating into Wetland 9 outside of the Rye Road Alternative. On the northwest side of Rye Road, the banks of this ditch are steep and maintained free of vegetation. Laurel oak, live oak, slash pine (*Pinus elliottii*), and cabbage palm are the dominant species in the canopy overhanging this portion of the ditch. On the southeast side of Rye Road, this ditch is not well defined and contains needle palm (*Rhapidophyllum hystrix*) and cinnamon fern. The ditch passes underneath a canopy dominated by laurel oak, live oak, cabbage palm, Brazilian pepper, and wax myrtle. This ditch comprises 0.05 acre of the Rye Road Alternative.

### **Wetland 9**

**FLUCFCS:** 615 – *Stream and Lake Swamps (Bottomland)*

**FWS:** PFO1C (*Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded*)

This is a forested floodplain associated with a perennial stream located approximately 2,100 feet north of 3<sup>rd</sup> Drive East. The stream runs perpendicular to Rye Road before terminating in a tributary of the Manatee River outside of the Rye Road Alternative. This stream has shallow-sloped banks and contains saltbush, wax myrtle, dog fennel (*Eupatorium* sp.), soft rush, lizard's tail (*Saururus cernuus*), pickerelweed, smartweed, and primrose willow. The forested floodplain is dominated by a canopy of laurel oak, sweetbay, red maple, Carolina willow, and Brazilian pepper. No water was present within the stream system during the field review. This stream and associated floodplain comprise 0.07 acre of the Rye Road Alternative.

### **Drainage Ditch 7**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PEM1Jx (*Palustrine, Emergent, Persistent, Intermittently Flooded, Excavated*)

This is a series of wet ditches located within improved pasture and a sod farm on the northwest side of Rye Road across from 167<sup>th</sup> Boulevard Northeast. The main ditch runs parallel to Rye Road for a distance of approximately 3,500 feet (0.7 miles). These ditches appear to direct water from the improved pasture near Rye Road to a creek system (Wetland 9) located to the southwest of Ditch 8. The ditches are dominated by soft rush, water hyssops, and Bahia grass (*Paspalum notatum*) and are affected by cattle grazing. This ditch system comprises 2.77 acres of the Rye Road Alternative.

### **Drainage Ditch 8**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PUB2Jx (*Palustrine, Unconsolidated Bottom, Sand, Intermittently Flooded, Excavated*)

This ditch is parallel to the southeast side of Rye Road near the intersection with 169<sup>th</sup> Court Northeast. This ditch has shallow-sloped banks with sparse amounts of vegetation, including water pennywort, ponyfoot (*Dichondra carolinensis*), smartweed, soft rush, and baby tears (*Micrantheum umbrosum*), which is maintained by mowing. No water was present in the ditch during the time of the field review. This ditch comprises 0.66 acre of the Rye Road Alternative.

### **Drainage Ditch 9**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PUB2Jx (*Palustrine, Unconsolidated Bottom, Sand, Intermittently Flooded, Excavated*)

This is a wet ditch located on the northwest side of Rye Road approximately 700 feet northeast of 169<sup>th</sup> Court Northeast. This ditch runs parallel to Rye Road a distance of approximately 1,000 feet before terminating into an undeveloped, grassy area within the Rye Road ROW that may be part of the stormwater management system or floodplain compensation. Vegetation, including dog fennel and torpedo grass, is occasionally maintained. This ditch comprises 0.43 acre of the Rye Road Alternative.

### **River 2**

**FLUCFCS:** 510 – *Streams and Waterways (Open water portion of the Manatee River)*

**FWS:** R2UB2 (*Riverine, Lower Perennial, Unconsolidated Bottom, Sand*)

This is the Manatee River bisected by Rye Road between Upper Manatee River Road and Rye Wilderness Road Northeast. Within the Rye Road Alternative, the Manatee River is approximately 75-feet wide and has steeply sloped banks that are mostly unvegetated. The north bank is armored with rip rap. Along the banks of the river, signs are present that indicate high water flow fluctuations may occur with little warning due to operations of the Manatee River Dam up-river from the Rye Road Alternative. The Manatee River is not tidally influenced within this location, but the water levels may fluctuate due to tail-water events during changing tides downstream from the Rye Road Alternative. During the field review, tannin-stained water was observed flowing from east to west. The Manatee River comprises 0.17 acre of the Rye Road Alternative.

### **Wetland 10**

**FLUCFCS:** 615 – *Stream and Lake Swamps (Bottomland)*

**FWS:** PFO1C (*Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded*)

This is the floodplain of the Manatee River located on the west side of Rye Road between the Manatee River and Rye Wilderness Road Northeast. The canopy of this forested wetland is dominated by red maple, sweetgum (*Liquidambar styraciflua*), sweetbay, water oak, and cabbage palm. Elderberry (*Sambucus canadensis*), saltbush, Brazilian pepper, and chain fern



(*Woodwardia virginica*) are present in the understory as associate species. This floodplain wetland comprises 0.61 acre of the Rye Road Alternative.

### **Wetland 11**

***FLUCFCS: 510 – Streams and Waterways (Channelized Stream)***

***615 – Stream and Lake Swamps (Bottomland)***

***FWS: R2UB2 (Riverine, Lower Perennial, Unconsolidated Bottom, Sand)***

***PFO1C (Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded)***

This is a channelized creek and forested floodplain bisected by Rye Road approximately 900 feet south of Rivers Reach Boulevard. On the east side of Rye Road, the creek contains wax myrtle, pickerelweed, smartweed, and water pennywort underneath an overhanging canopy dominated by laurel oak, sweetbay, red maple, water oak, and cabbage palm. The vegetation and stabilization of the creek banks on the east side of Rye Road have been affected by cattle grazing. During the field review, water was flowing from east to west. This creek and associated floodplain comprise 0.04 acre and 0.16 acre, respectively, for a total of 0.20 acre of the Rye Road Alternative.

### **Wetland 12**

***FLUCFCS: 510 – Streams and Waterways (Channelized Stream)***

***615 – Stream and Lake Swamps (Bottomland)***

***FWS: R2UB2 (Riverine, Lower Perennial, Unconsolidated Bottom, Sand)***

***PFO1C (Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded)***

This is a channelized creek and forested floodplain bisected by Rye Road approximately 800 feet north of Rivers Reach Boulevard. This creek system has steeply sloped banks with an overhanging canopy dominated by laurel oak and sweetbay. The creek banks contain Brazilian pepper, Carolina willow, wax myrtle, water pennywort, chain fern, maidencane (*Panicum hemitomon*), and rattlebox (*Sesbania* sp.). The vegetation and stabilization of the creek banks on the east side of Rye Road have been affected by cattle grazing. During the field review, water was flowing from the northeast to the southwest. This creek and associated floodplain comprise 0.25 acre and 0.15 acre, respectively, for a total of 0.40 acre of the Rye Road Alternative.

### **Drainage Ditch 10**

***FLUCFCS: 510 – Streams and Waterways***

***FWS: PEM1Jx (Palustrine, Emergent, Persistent, Intermittently Flooded, Excavated)***

This ditch has been excavated from uplands approximately 800 feet north of Rivers Reach Boulevard. It is connected to Wetland 12. This ditch has steeply sloped banks and contains pennywort, chain fern, maidencane, Bahia grass, and rattlebox. During the field review, no water was observed within the ditch, which comprises 0.09 acre of the Rye Road Alternative.

### **Drainage Ditch 11**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PEMIJx (*Palustrine, Emergent, Persistent, Intermittently Flooded, Excavated*)

This is a wet ditch that is perpendicular to Rye Road approximately 2,000 feet north of Rivers Reach Boulevard. This ditch continues approximately 200 feet east of the Rye Road Alternative before turning north and parallel to Rye Road behind single-family homes. Vegetation in this ditch consists of Carolina willow, Brazilian pepper, and wax myrtle. This ditch comprises 0.02 acre of the Rye Road Alternative.

### **Wetland 13**

**FLUCFCS:** 510 – *Streams and Waterways (Channelized Stream)*

615 – *Stream and Lake Swamps (Bottomland)*

**FWS:** R2UB2 (*Riverine, Lower Perennial, Unconsolidated Bottom, Sand*)

PFO1J (*Palustrine, Forested, Broad-Leaved Deciduous, Intermittently Flooded*)

This is a channelized creek and associated floodplain bridged by Rye Road approximately 3,300 feet south of Golf Course Road. This creek system has steeply sloped banks with an overhanging canopy dominated by red maple, sweetbay, and Brazilian pepper. During the field review, stagnant water was present in the creek. The historic floodplain of this creek appears to have been affected by adjacent land uses, including cattle grazing on the east side of Rye Road and single-family residences on the west side of the road. This creek and associated floodplain comprise 0.15 acre and 0.07 acre, respectively, for a total of 0.22 acre of the Rye Road Alternative.

### **River 3**

**FLUCFCS:** 510 – *Streams and Waterways (Open water portion of Gamble Creek)*

**FWS:** R2UB2 (*Riverine, Lower Perennial, Unconsolidated Bottom, Sand*)

This is Gamble Creek, which is bridged by Golf Course Road approximately 950 feet east of Jim Davis Road. This creek system is approximately 100 feet wide and 12 to 18 inches deep within this alternative. It has steeply sloped banks dominated by young Carolina willow, soft rush, cattail, and pokeweed. Duckweed and hydrilla (*Hydrilla verticillata*) were also observed in the stagnant water pockets on the north side of Golf Course Road. During the field review, water was flowing from north to south. The open water portion of Gamble Creek comprises 0.15 acre of the Rye Road Alternative.

### **Wetland 14**

**FLUCFCS:** 615 – *Stream and Lake Swamps (Bottomland)*

**FWS:** PFO1J (*Palustrine, Forested, Broad-Leaved Deciduous, Intermittently Flooded*)

This is the historic floodplain of Gamble Creek located between Jim Davis Road and Gamble Creek. The floodplain has been affected by adjacent land uses, including citrus crops and cattle grazing on the north and south sides of Golf Course Road. Multiple flow channels and evidence

of hydrology are present beneath a dense canopy of laurel oak, red maple, pop ash, and cabbage palm. The Gamble Creek floodplain comprises 0.14 acre of the Rye Road Alternative.

### **Drainage Ditch 12**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PUB2Jx (*Palustrine, Unconsolidated Bottom, Sand, Intermittently Flooded, Excavated*)

This is a series of wet ditches surrounding the Gamble Creek Estates subdivision approximately 3,300 feet east of Fort Hamer Road on the north side of Golf Course Road. These ditches appear to be part of the stormwater management system of the subdivision. The ditches are dominated by herbaceous wetland vegetation, including water hyssop, soft rush, torpedo grass, cattail, pennywort, and primrose willow. The vegetation in the ditch is maintained by occasional mowing. This series of ditches comprise 0.78 acre of the Rye Road Alternative.

### **Wetland 15**

**FLUCFCS:** 630 – *Wetland Forested Mixed*

**FWS:** PFO1C (*Palustrine, Forested, Broad-Leaved Deciduous, Seasonally Flooded*)

This is a forested wetland located south of Golf Course Road and east of Fort Hamer Road. This forested wetland is the floodplain of a stream outside of the Rye Road Alternative. The canopy is dominated by laurel oak, American elm, cabbage palm, and red maple. Live oak and slash pine are sparsely located throughout this floodplain on hummocks. The understory of this floodplain is dominated by wild coffee, needle palm, chain fern, poison ivy (*Toxicodendron radicans*), green briar (*Smilax* sp.), and trumpet creeper (*Campsis radicans*). This forested wetland comprises 0.52 acre of the Rye Road Alternative.

### **Pond 1**

**FLUCFCS:** 534 – *Reservoirs less than 10 acres*

**FWS:** PUB2H (*Palustrine, Unconsolidated Bottom, Sand, Permanently Flooded*)

This is an isolated surface water located in unused pasture approximately 350 feet south of 60<sup>th</sup> Street East and 250 feet west of Fort Hamer Road. This agriculture pond is mostly open water with a littoral zone of torpedo grass and young Carolina willow. Pond 1 comprises 0.06 acre of the Rye Road Alternative.

### **Drainage Ditch 13**

**FLUCFCS:** 510 – *Streams and Waterways*

**FWS:** PUB2Jx (*Palustrine, Unconsolidated Bottom, Sand, Intermittently Flooded, Excavated*)

This is a stormwater management ditch located approximately 200 feet south of US 301 that is bisected by Fort Hamer Road. This ditch has shallow-sloped banks dominated by cinnamon fern, elderberry, and golden canna (*Canna flaccida*). Sweetbay and laurel oak are the dominant species in the overhanging canopy. This ditch comprises 0.01 acre of the Rye Road Alternative.

## *Section 3.0*

# ***POTENTIAL WETLAND AND OTHER SURFACE WATER IMPACTS***

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This section describes the impacts to wetlands that would occur as a result of the construction and operation of each build alternative.

### ***3.1 AVOIDANCE AND MINIMIZATION OF WETLAND IMPACTS***

Pursuant to Executive Order 11990 entitled *Protection of Wetlands*, federal actions should avoid, to the extent possible, the long- and short-term adverse impacts associated with the destruction or modification of wetlands and avoid direct or indirect support of new construction in wetlands wherever there is a practicable alternative. Unavoidable wetland impacts resulting from construction of the project would occur within each build alternative. Transportation safety standards for side slopes, turn radius, additional lanes, and widths necessitate these impacts. Impacts to wetlands are unavoidable for both the Fort Hamer Alternative and the Rye Road Alternative due to their location within the existing and proposed right-of-way (ROW) and proximity to the bridge structures for each alternative. However, potential wetland impacts have been minimized to the extent possible by incorporating the following measures:

- Within the Fort Hamer Alternative Study Area, construction of the new bridge would be at one of the narrowest places on the Manatee River. Both the eastern and western halves of the study area include a widened floodplain, shallow embayments, and extensive saltwater marsh habitats. Spanning these wetlands would require longer bridge structures and would result in greater wetland impacts compared to the proposed crossing location.
- For the Fort Hamer Alternative, the bridge supports have been consciously located outside of seagrass areas.
- With the Fort Hamer Alternative, a temporary work trestle would be used to construct the bridge, which would minimize the permanent and temporary construction impacts. Use of a trestle would alleviate the need to construct a temporary causeway through the wetlands, which would result in greater wetland impacts. The use of “top-down” construction is likely feasible; however, this methodology would require shorter span lengths and a greater number of pilings and pier support structures, which would increase permanent wetland impacts.
- For both build alternatives, no bridge abutments would be constructed in wetlands. Abutments on both the north and the south side of the river would be constructed in uplands.

- For both build alternatives, a stormwater management system would be constructed to meet state water quality criteria, thereby minimizing water quality impacts from stormwater discharges from roadway and bridge surfaces.

## **3.2 ANALYSIS OF WETLAND IMPACTS**

The potential wetland impacts for each build alternative were assessed by considering the type of facility to be constructed and the extent of the project footprint (i.e., construction limits) within the alternative. For the roadway segments, all wetlands and other surface waters within the proposed ROW were considered impacted since it is likely that the roadway surface, shoulders, sidewalks, and accompanying stormwater drainage and floodplain compensation facilities would occupy the full ROW.

Direct wetland impacts include fill and shading impacts. Fill impacts result from placement of bridge piers. Vegetated wetlands within the drip-line (i.e., edge-to-edge and abutment-to-abutment) of the bridges were considered impacted by shading.

Whenever a portion of a wetland is directly impacted by new construction, the SWFWMD requires an analysis of secondary impacts in the remaining portion of the wetland to account for reduced wildlife functions within the remaining wetland. Specifically, SWFWMD guidance requires that all remaining wetland areas within 25 feet of direct impacts in areas of new ROW are considered to have secondary impacts. Conversely, an analysis of secondary impacts is not required if the entire wetland is directly impacted because there is no remaining wetland area in which secondary impacts could occur. Also, secondary impacts are not considered within existing ROW since these wetlands are already considered indirectly impacted (e.g., wetlands adjacent to an existing highway).

For the Fort Hamer Alternative, secondary impacts were considered for wetlands adjacent to the new bridge and roadway construction since no infrastructure currently exists in these areas. No secondary impacts were considered for the Rye Road Alternative since all direct impacts would occur in existing ROW adjacent to existing roadway and bridge structures.

### **3.2.1 FORT HAMER ALTERNATIVE**

Because a temporary work trestle may be used to construct this alternative, the potential wetland impacts have been separated into permanent and temporary impacts.

#### **Permanent Impacts**

**Table 7** summarizes the unavoidable permanent wetland impacts that would result from implementation of the Fort Hamer Alternative. A total of 3.06 acres of wetlands would be directly impacted by the construction of this alternative; this includes 2.05 acres of dredge/fill impacts and 1.01 acres of shading impacts (2.05 + 1.01 = 3.06). An additional 1.28 acres of wetlands are considered to have secondary impacts based on SWFWMD criteria. Thus, the Fort

Hamer Alternative would result in 4.34 acres of permanent wetland impacts (3.06 + 1.28 = 4.34). All of these impacts would require compensatory mitigation.

**TABLE 7  
PERMANENT WETLAND IMPACT SUMMARY – FORT HAMER ALTERNATIVE**

Wetland	FLUCFCS Classification <sup>1</sup>	FWS Classification <sup>2</sup>	Description	Direct Impact Acres		Secondary Impact Acres	Total Impact Acres
				Dredge/Fill	Shading		
Wetland 1	617	PFO1C	Mixed Wetland Hardwoods	0.50	0.00	0.14	0.64
	631	PSS1C	Wetland Scrub	1.48	0.00	0.05	1.53
	<b>Sub-total Wetland 1</b>			<b>1.98</b>	<b>0.00</b>	<b>0.19</b>	<b>2.17</b>
Wetland 2	631	E2SS3A	Wetland Scrub	0.01	0.10	0.04	0.15
	642	E2EM1P	Saltmarsh	0.01	0.12	0.22	0.35
	<b>Sub-total Wetland 2</b>			<b>0.02</b>	<b>0.22</b>	<b>0.26</b>	<b>0.50</b>
Wetland 3	612	E2SS3N	Mangroves	0.01	0.05	0.05	0.11
	615	PFO1P	Stream & Lake Swamp (Bottomland)	0.01	0.21	0.22	0.44
	642	E2EM1N	Saltmarsh	0.03	0.50	0.51	1.04
	<b>Sub-total Wetland 3</b>			<b>0.05</b>	<b>0.76</b>	<b>0.78</b>	<b>1.59</b>
Wetland 4	642	E2EM1N	Saltmarsh	0.0003	0.03	0.06	0.09
	<b>Sub-total Wetland 4</b>			<b>0.0003</b>	<b>0.03</b>	<b>0.06</b>	<b>0.09</b>
<b>Total</b>				<b>2.05</b>	<b>1.01</b>	<b>1.28</b>	<b>4.34</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

Totals may not add due to rounding.

Shading impacts from low bridges (i.e., bridges with a height to width ratio of less than 0.7) have been shown to result in decreased vegetative growth beneath the bridge (Broome *et al.*, 2005). Approximately 48 percent of the proposed Fort Hamer Alternative bridge would have a height-to-width ratio of 0.7, including the structure over the saltmarsh surrounding the peninsula between the north and south shorelines of the river. The remaining 52 percent of the bridge would have a height-to-width ratio between 0.4 and 0.7. The extent of wetland shading for the Fort Hamer Alternative bridge would be further reduced by the north/south orientation of the bridge, which allows more sunlight beneath the bridge in the early morning and late afternoon hours.

Sparse (less than 10 percent cover) patches of widgeon grass occur beneath the proposed Fort Hamer Alternative bridge, along the north bank of the main river channel adjacent to Wetland 3. Reduced productivity of the widgeon grass is possible in this area due to shading; however, the bridge structure would be approximately 32 feet above the water surface at this location. For this reason, and because of the north/south alignment of the structure, the total impact to widgeon grass as a result of shading is expected to be *de minimis*.

## **Temporary Impacts**

It is anticipated that a temporary work trestle would be constructed across the Manatee River as part of this alternative. Design details of the trestle would be determined by the contractor (yet to be selected); however, the typical section would be designed based on the weight bearing capacity needed to support the construction equipment. A similar structure used on a recent construction project consisted of a 28-foot-wide timber deck structure supported on steel pipe pilings and steel cross-beam supports. The trestle would be constructed adjacent and parallel to the permanent, two-lane bridge and would remain in place until construction of the bridge deck is completed.

A 28-foot-wide trestle would result in 0.62 acre of temporary shading impacts to vegetated wetlands and temporary *de minimis* fill impacts to wetlands and the open water portion of the Manatee River. It is anticipated that a temporary trestle would create the least amount of impacts to the mangroves, saltmarshes, and shallow portions of the Manatee River compared to other construction methodologies. Construction and use of the temporary trestle should result in insignificant, temporary wetland impacts that would restore naturally after the structure is removed.

### **3.2.2 RYE ROAD ALTERNATIVE**

**Table 8** summarizes the permanent wetland impacts resulting from the Rye Road Alternative. A total of 2.52 acres of wetlands would be directly impacted by this alternative; this includes 2.51 acres of fill and 0.01 acre of shading impacts ( $2.51 + 0.01 = 2.52$ ). As discussed previously, no secondary wetland impacts are considered for the Rye Road Alternative.

## **3.3 UNIFORM MITIGATION ASSESSMENT METHOD**

Wetlands potentially impacted by the Fort Hamer and Rye Road Alternatives were assessed using the Uniform Mitigation Assessment Method (UMAM) pursuant to Chapter 62-345, Florida Administrative Code (F.A.C.). UMAM is a method developed by the Florida Department of Environmental Protection (FDEP) and the Water Management Districts to determine the amount of mitigation needed to offset adverse impacts to wetlands. The methodology was designed to assess functions provided by wetlands, the amount that those functions are reduced by a proposed impact, and the amount of mitigation necessary to offset the proposed functional losses. This method is also used to determine the degree of improvement in ecological value that would be created by mitigation activities. In Florida, the USACE has also adopted UMAM for assessment of wetland impacts and mitigation.

**TABLE 8  
PERMANENT WETLAND IMPACT SUMMARY – RYE ROAD ALTERNATIVE**

Wetland	FLUCFCS Classification <sup>1</sup>	FWS Classification <sup>2</sup>	Description	Direct Impact Acres		Total Impact Acres
				Fill	Shading	
Wetland 5	510	PUB2Jx	Stream (Channelized)	0.06	0.00	0.06
Wetland 6	618	PSS1C	Willow	0.19	0.00	0.19
Wetland 7	510	PUB2Jx	Stream (Channelized)	0.03	0.00	0.03
Wetland 8	510	PUB2Jx	Stream (Channelized)	0.08	0.00	0.08
Wetland 9	615	PFO1C	Stream Swamp (Bottomland)	0.07	0.00	0.07
Wetland 10	615	PFO1C	Stream Swamp (Bottomland)	0.60	0.01	0.61
Wetland 11	510/615	R2UB2/PFO1C	Stream and Stream Swamp (Bottomland)	0.20	0.00	0.20
Wetland 12	510/615	R2UB2/PFO1C	Stream and Stream Swamp (Bottomland)	0.40	0.00	0.40
Wetland 13	510/615	R2UB2/PFO1J	Stream and Stream Swamp (Bottomland)	0.22	0.00	0.22
Wetland 14	615	PFO1J	Stream Swamp (Bottomland)	0.14	0.00	0.14
Wetland 15	630	PFO1C	Wetland Forested Mixed	0.52	0.00	0.52
<b>Total</b>				<b>2.51</b>	<b>0.01</b>	<b>2.52</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

The UMAM assessment includes a Qualitative Characterization (Part 1) as well as a Quantitative Assessment and Scoring (Part 2). The Qualitative Assessment is a basin descriptor of the site being evaluated. The variables described include the following:

- Significant nearby features,
- Water classifications,
- Assessment area size,
- Hydrology and relationship to contiguous off-site wetlands,
- Uniqueness of the assessment area,
- Functions of the assessment area, and
- Wildlife utilization.



The Quantitative Assessment provides a score of the assessment area in both the current condition and theoretical “with impact” condition. The assessment scoring evaluates the following parameters:

- Location and landscape support,
- Water environment, and
- Vegetative community.

For this study, UMAM scores were developed for each wetland potentially affected by the alternatives being considered. **Table 9** shows the representative UMAM scores for the fill/shade impacts and **Table 10** shows the UMAM scores for the secondary impacts. The difference between the existing condition (current) scores and the proposed condition (with) scores for each wetland is then multiplied by the impact acreage to derive the estimated value of functions to fish and wildlife lost as a result of construction and operation of the alternative (**Tables 11 and 12**).

Please note that these calculations are only estimates and are based on existing conditions. The UMAM scores and values presented in Tables 9 through 12 are subject to agency review and may change during the state and federal permitting process.

**Table 13** summarizes the wetland impacts and UMAM functional loss for each build alternative. A total of 4.34 acres of unavoidable wetland impacts for the Fort Hamer Alternative would require mitigation. As shown in Table 13, these 4.34 acres of wetland impacts would result in a UMAM functional loss of 1.60.

The Rye Road Alternative would impact a total of 2.52 acres of wetlands and have a functional loss of 1.28.

It is important to note that all UMAM scores would need to be reviewed and approved by the SWFWMD and USACE and are subject to change during the permitting process.

**TABLE 9  
REPRESENTATIVE UMAM SCORES<sup>1</sup> FOR WETLANDS (FOR PERMANENT FILL/SHADE IMPACTS)**

Wetland	FLUCFCS Classification <sup>2</sup>	FWS Classification <sup>3</sup>	Description	Location and Landscape Support		Water Environment		Community Structure		Score (sum/30)		Delta
				Current	With	Current	With	Current	With	Current	With	
<b>Fort Hamer Alternative</b>												
Wetland 1 <sup>4</sup>	617 (Fill)	PFO1C	Mixed Wetland Hardwoods	4	0	7	0	8	0	0.63	0	0.63
	631 (Fill)	PSS1C	Wetland Scrub	4	0	6	0	7	0	0.57	0	0.57
Wetland 2	631 (Fill)	E2SS3A	Wetland Scrub	6	0	4	0	4	0	0.47	0	0.47
	631 (Shade)			6	5	4	3	4	0	0.47	0.27	0.20
	642 (Fill)	E2EM1P	Saltmarsh	6	0	8	0	7	0	0.70	0	0.70
	642 (Shade)			6	5	8	7	7	0	0.70	0.40	0.30
Wetland 3	612 (Fill)	E2SS3N	Mangroves	7	0	8	0	8	0	0.77	0	0.77
	612 (Shade)			7	6	8	6	8	0	0.77	0.40	0.37
	615 (Fill)	PFO1P	Stream Swamp (Bottomland)	7	0	8	0	7	0	0.73	0	0.73
	615 (Shade)			7	6	8	6	7	0	0.73	0.40	0.33
	642 (Fill)	E2EM1N	Saltmarsh	7	0	8	0	8	0	0.77	0	0.77
	642 (Shade)			7	6	8	6	8	0	0.77	0.40	0.37
Wetland 4	642 (Fill)	E2EM1N	Saltmarsh (Shoreline)	5	0	8	0	6	0	0.63	0	0.63
	642 (Shade)			5	4	8	7	6	0	0.63	0.37	0.27
<b>Rye Road Alternative</b>												
Wetland 5	510	PUB2Jx	Stream (Channelized)	5	4	7	6	4	0	0.53	0.33	0.20
Wetland 6	618	PSS1C	Willow	3	0	5	0	5	0	0.43	0.00	0.43
Wetland 7	510	PUB2Jx	Stream (Channelized)	5	4	4	3	4	0	0.43	0.23	0.20
Wetland 8	510	PUB2Jx	Stream (Channelized)	5	4	7	6	6	0	0.60	0.33	0.27
Wetland 9	615	PFO1C	Stream Swamp (Bottomland)	5	4	4	3	7	0	0.53	0.23	0.30
Wetland 10	615	PFO1C	Stream Swamp (Bottomland)	7	0	7	0	7	0	0.70	0.00	0.70
Wetland 11	510/615	R2UB2/PFO1C	Stream and Stream Swamp (Bottomland)	3	2	7	6	7	0	0.57	0.27	0.30
Wetland 12	510/615	R2UB2/PFO1C	Stream and Stream Swamp (Bottomland)	3	2	7	6	7	0	0.57	0.27	0.30

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**TABLE 9 (CONTINUED)  
REPRESENTATIVE UMAM SCORES<sup>1</sup> FOR WETLANDS (FOR PERMANENT FILL/SHADE IMPACTS)**

Wetland	FLUCFCS Classification <sup>2</sup>	FWS Classification <sup>3</sup>	Description	Location and Landscape Support		Water Environment		Community Structure		Score (sum/30)		Delta
				Current	With	Current	With	Current	With	Current	With	
Wetland 13	510/615	R2UB2/PFO1J	Stream and Stream Swamp (Bottomland)	3	2	6	5	6	0	0.50	0.23	0.27
Wetland 14	615	PFO1J	Stream and Stream Swamp (Bottomland)	7	0	7	0	6	0	0.67	0.00	0.67
Wetland 15	630	PFO1C	Wetland Forested Mixed	7	0	8	0	7	0	0.73	0.00	0.73

<sup>1</sup> UMAM scores have not been approved by permitting agencies and are subject to change during the permitting process.

<sup>2</sup> FDOT, 1999.

<sup>3</sup> Cowardin, *et al.*, 1979.

<sup>4</sup> Assumes no mitigation required for impacts to open water portion of Wetland 1 (FLUCFCS 530 – Pond) because this pond is being incorporated into the proposed surface water management system. No mitigation is required for shading to unvegetated open surface waters.

**TABLE 10  
REPRESENTATIVE UMAM SCORES<sup>1</sup> FOR WETLANDS (FOR SECONDARY IMPACTS)**

Wetland	FLUCFCS <sup>2</sup>	FWS Classification <sup>3</sup>	Description	Location & Landscape Support		Water Environment		Community Structure		Score (sum/30)		Delta
				Current	With	Current	With	Current	With	Current	With	
Wetland 1	617	PFO1C	Mixed Wetland Hardwoods	4	3	7	7	8	8	0.63	0.60	0.03
	631	PSS1C	Wetland Scrub	4	3	6	6	7	7	0.57	0.54	0.03
Wetland 2	631	E2SS3A	Wetland Scrub	6	5	4	4	4	4	0.46	0.43	0.04
	642	E2EM1P	Saltmarsh	6	5	8	8	7	7	0.70	0.67	0.03
Wetland 3	612	E2SS3N	Mangroves	7	6	8	8	8	8	0.77	0.73	0.04
	615	PFO1P	Stream & Lake Swamp (Bottomland)	7	6	8	8	7	7	0.73	0.70	0.03
	642	E2EM1N	Saltmarsh	7	6	8	8	8	8	0.77	0.73	0.04
Wetland 4	642	E2EM1N	Saltmarsh (Shoreline)	5	4	8	8	6	6	0.63	0.60	0.03

<sup>1</sup> UMAM scores have not been approved by permitting agencies and are subject to change during the permitting process.

<sup>2</sup> FDOT, 1999.

<sup>3</sup> Cowardin, *et al.*, 1979.

**TABLE 11  
UMAM SUMMARY FOR PERMANENT DREDGE/FILL/SHADE WETLAND IMPACTS**

Wetland	FLUCFCS Classification <sup>1</sup>	FWS Classification <sup>2</sup>	Description	Delta	Impact Acres	Functional Loss
<i>Fort Hamer Alternative</i>						
Wetland 1	617	PFO1C	Mixed Wetland Hardwoods	0.63 fill	0.50	0.32
	631	PSS1C	Wetland Scrub	0.57 fill	1.48	0.84
	<i>Sub-total – Wetland 1</i>				<b>1.98</b>	<b>1.16</b>
Wetland 2	631	E2SS3A	Wetland Scrub	0.47 fill 0.20 shade	0.009 0.103	0.004 0.021
	642	E2EM1P	Saltmarsh	0.70 fill 0.30 shade	0.009 0.116	0.006 0.035
	<i>Sub-total – Wetland 2</i>				<b>0.24</b>	<b>0.07</b>
Wetland 3	612	E2SS3N	Mangroves	0.77 fill 0.37 shade	0.005 0.054	0.004 0.020
	615	PFO1P	Stream & Lake Swamp (Bottomland)	0.73 fill 0.33 shade	0.009 0.214	0.007 0.071
	642	E2EM1N	Saltmarsh	0.77 fill 0.37 shade	0.034 0.497	0.026 0.184
	<i>Sub-total – Wetland 3</i>				<b>0.81</b>	<b>0.31</b>
Wetland 4	642	E2EM1N	Saltmarsh (Shoreline)	0.63 fill 0.27 shade	0.0003 0.027	0.0002 0.007
	<i>Sub-total – Wetland 4</i>				<b>0.03</b>	<b>0.01</b>
<i>Total – Fort Hamer Alternative</i>					<b>3.06</b>	<b>1.56</b>
<i>Rye Road Alternative</i>						
Wetland 5	510	PUB2Jx	Stream (Channelized)	0.20	0.06	0.01
Wetland 6	618	PSS1C	Willow	0.43	0.19	0.08
Wetland 7	510	PUB2Jx	Stream (Channelized)	0.20	0.03	0.01
Wetland 8	510	PUB2Jx	Stream (Channelized)	0.27	0.08	0.02
Wetland 9	615	PFO1C	Stream Swamp (Bottomland)	0.30	0.07	0.02
Wetland 10	615	PFO1C	Stream Swamp (Bottomland)	0.70	0.61	0.43
Wetland 11	510/615	R2UB2/PFO1C	Stream and Stream Swamp (Bottomland)	0.30	0.20	0.06

*Continued on next page*

**TABLE 11 (CONTINUED)**  
**UMAM SUMMARY FOR PERMANENT DREDGE/FILL/SHADE WETLAND IMPACTS**

<b>Wetland</b>	<b>FLUCFCS Classification<sup>1</sup></b>	<b>FWS Classification<sup>2</sup></b>	<b>Description</b>	<b>Delta</b>	<b>Impact Acres</b>	<b>Functional Loss</b>
Wetland 12	510/615	R2UB2/PFO1C	Stream and Stream Swamp (Bottomland)	0.30	0.40	0.12
Wetland 13	510/615	R2UB2/PFO1J	Stream and Stream Swamp (Bottomland)	0.27	0.22	0.06
Wetland 14	615	PFO1J	Stream and Stream Swamp (Bottomland)	0.67	0.14	0.09
Wetland 15	630	PFO1C	Wetland Forested Mixed	0.73	0.52	0.38
<b>Total Functional Loss – Rye Road Alternative</b>					<b>2.52</b>	<b>1.28</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

**TABLE 12  
UMAM SUMMARY FOR FORT HAMER ALTERNATIVE SECONDARY WETLAND IMPACTS**

Wetland	FLUCFCS Classification <sup>1</sup>	FWS Classification <sup>2</sup>	Description	Delta	Impact Acres	Functional Loss
Wetland 1	617	PFO1C	Mixed Wetland Hardwoods	0.03	0.14	0.004
	631	PSS1C	Wetland Scrub	0.03	0.046	0.001
	<b>Sub-total – Wetland 1</b>				<b>0.19</b>	<b>0.005</b>
Wetland 2	631	E2SS3A	Wetland Scrub	0.03	0.036	0.001
	642	E2EM1P	Saltmarsh	0.03	0.215	0.006
	<b>Sub-total – Wetland 2</b>				<b>0.25</b>	<b>0.007</b>
Wetland 3	612	E2SS3N	Mangroves	0.04	0.054	0.002
	615	PFO1P	Stream & Lake Swamp (Bottomland)	0.03	0.219	0.007
	642	E2EM1N	Saltmarsh	0.04	0.508	0.02
	<b>Sub-total – Wetland 3</b>				<b>0.78</b>	<b>0.03</b>
Wetland 4	642	E2EM1N	Saltmarsh (Shoreline)	0.03	0.063	0.002
	<b>Sub-total – Wetland 4</b>				<b>0.06</b>	<b>0.002</b>
<b>Totals (rounded)</b>					<b>1.28</b>	<b>0.04</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

**TABLE 13  
WETLAND IMPACTS AND UMAM FUNCTIONAL LOSS**

Wetland	Fill/Shade		Secondary		Total	
	Acres	Functional Loss	Acres	Functional Loss	Acres	Functional Loss
<b>Fort Hamer Alternative</b>						
Wetland 1	1.98	1.16	0.19	0.005	2.17	1.16
Wetland 2	0.24	0.07	0.25	0.007	0.49	0.08
Wetland 3	0.81	0.32	0.78	0.03	1.59	0.34
Wetland 4	0.03	0.01	0.06	0.002	0.09	0.01
<b>Totals (rounded)</b>	<b>3.06</b>	<b>1.56</b>	<b>1.28</b>	<b>0.04</b>	<b>4.34</b>	<b>1.60</b>
<b>Rye Road Alternative</b>						
Wetland 5	0.06	0.01	No Secondary Impacts for Rye Road Alternative		0.06	0.01
Wetland 6	0.19	0.08			0.19	0.08
Wetland 7	0.03	0.01			0.03	0.01
Wetland 8	0.08	0.02			0.08	0.02
Wetland 9	0.07	0.02			0.07	0.02
Wetland 10	0.61	0.43			0.61	0.43
Wetland 11	0.20	0.06			0.20	0.06
Wetland 12	0.40	0.12			0.40	0.12
Wetland 13	0.22	0.06			0.21	0.06
Wetland 14	0.14	0.09			0.14	0.09
Wetland 15	0.52	0.38			0.52	0.38
<b>Totals (rounded)</b>	<b>2.52</b>	<b>1.28</b>			<b>2.52</b>	<b>1.28</b>

Note: Numbers may not add due to rounding.

# *Section 4.0*

## ***ESSENTIAL FISH HABITAT***

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### ***4.1 INTRODUCTION***

The *Magnuson-Stevens Fishery Conservation and Management Act*, as amended through October 11, 1996 (MSFCMA), requires the regional Fishery Management Councils and the Secretary of Commerce to describe and identify Essential Fish Habitat (EFH) for species under federal Fishery Management Plans. EFH is defined in the MSFCMA as “those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity.” The term “fish” includes finfish, crabs, shrimp, and lobsters in the Gulf of Mexico region. On April 23, 1997 [62 Federal Register (FR) 19723], the National Marine Fishery Service (NMFS) issued proposed regulations containing guidelines for the description and identification of EFH in fishery management plans, adverse impacts on EFH, and actions to conserve and enhance EFH. These rules were revised and finalized on January 22, 2002 (67 FR 2343). The regulations also provide a process for NMFS to coordinate and consult with federal and state agencies on activities that may adversely affect EFH. The purpose of the rule is to assist in describing and identifying EFH, minimize adverse effects on EFH, and identify other actions to conserve and enhance EFH. The purpose of the coordination and consultation provisions is to specify procedures for adequate consultation with NMFS on activities that may adversely affect EFH.

### ***4.2 PREVIOUS EFH CONSULTATION***

A new crossing of the Manatee River at Fort Hamer Road and Upper Manatee River Road was previously studied by the Federal Highway Administration (FHWA) and the FDOT from 1999 through 2006. In August 1999, as part of the NEPA documentation for the FHWA/FDOT study, the NMFS provided information that specific wetlands in the project area were identified as EFH. In August 2001, in their response to the draft WER for the FDOT project, the NMFS noted that the WER adequately described the fishery resources and habitats in the project area and adequately described the potential adverse impacts associated with the Proposed Action. The NMFS also noted that the WER identified shading impacts to vegetated wetlands but that the FDOT anticipated providing mitigation only for filling of wetlands. In their Preliminary EFH Conservation Recommendation, the NMFS stated that compensatory mitigation should be provided for lost and reduced wetland functions resulting from filling and shading. Copies of correspondence from the NMFS for the FHWA/FDOT Fort Hamer Bridge project are contained in Appendix C.

### ***4.3 CURRENT EFH COORDINATION***

In July 2010, the USCG provided the NMFS with a Notice of Intent (NOI) to prepare the EIS for the proposed Fort Hamer Bridge and NMFS was invited to be a cooperating agency for the EIS preparation (75 FR 39555). The NMFS responded that they were unable to be a cooperating



agency but would participate in meetings, field investigations, and review of project documents (see correspondence in Appendix C). The Draft EIS (DEIS) for the proposed action was released for public review on July 5, 2013. A copy of the WER was provided as Appendix D of the DEIS. On July 24, 2013, the USCG initiated MSFCMA consultation with the NMFS.

On August 8, 2013 the NMFS responded with comments on the DEIS and WER and requested additional information for NMFS' review. In emails dated August 27 and 29, 2013, the NMFS requested additional information regarding project-related impacts to estuarine resources. In a letter dated September 18, 2013, the USCG provided responses to the NMFS' comments. On October 2, 2013 the NMFS requested additional information regarding project impacts and construction methodology. A response to this request was provided to NMFS on October 9, 2013. On December 16, 2013, the NMFS issued a concurrence letter to the USCG, thus concluding MSFCMA consultation. Copies of correspondence with the NMFS are included in Appendix C.

#### **4.4 EXISTING EFH RESOURCES**

The Gulf of Mexico Fisheries Management Council (GMFMC) separates EFH into marine and estuarine components. In marine waters of the Gulf of Mexico, EFH is defined as all marine waters and substrates (mud, sand, shell, rock, hardbottom, and associated biological communities) from the shoreline to the seaward limit of the Exclusive Economic Zone. For the estuarine component, EFH is defined as all estuarine waters and substrates (mud, sand, shell, rock, and associated biological communities), including the sub-tidal vegetation (seagrasses and algae) and adjacent inter-tidal vegetation (marshes and mangroves) (GMFMC, 1998). Thus, all tidal waters and substrates within the Manatee River and adjoining wetlands, including inter-tidal zones, are considered estuarine EFH by the GMFMC.

Specific EFH within the Fort Hamer Alternative includes Wetland 2, Wetland 3, Wetland 4, and River 1 (the Manatee River). As previously described, these wetlands and surface waters contain a mixture of scrub-shrub, creeks, mangrove swamps, stream and lake swamps, saltwater marshes, exotic wetland hardwoods, and open water (riverine) habitats. Several fish, mollusk, and other invertebrate species may use this EFH as juveniles or adults and several species may require low-salinity habitats such as needlerush marshes and oligohaline creeks during early life history stages. Submerged aquatic vegetation and shallow sub-tidal areas have also been identified as important nursery and foraging habitat for a number of economically important species including spotted seatrout (*Cynoscion nebulosus*), snook (*Centropomus undecimalis*), and red drum (*Sciaenops ocellatus*).

The Rye Road Alternative is located approximately 4 miles east (upstream) of the Fort Hamer Alternative. The open water portions of the Manatee River (River 2) and adjacent wetlands (Wetland 10) within the Rye Road Alternative are freshwater; however, daily water elevations may be affected by tidally influenced, tailwater events downstream of this location. No EFH is present within this alternative, but it is located upstream from EFH that has been identified by

NMFS as important nursery and foraging habitat for a number of economically important fish species.

The GMFMC has identified and described EFH for 55 representative managed species and the coral complex. Species accounts of each of the 55 representative managed species and the coral complex were reviewed to assess the potential occurrence of these species within the Fort Hamer Alternative Study Area during any stage of their life cycle. **Table 14** lists each of these species and its potential to occur in the Fort Hamer Alternative Study Area. Of the 55 representative fish, shrimp, and crab species listed by the GMFMC, three are considered to have a high potential to occur within the study area. These are the pink shrimp (*Penaeus duorarum*), red drum, and gray snapper (*Lutjanus griseus*). The remaining 52 representative species and the coral complex are considered to have a low to no potential to occur within the study area.

**TABLE 14**  
**GULF OF MEXICO EFH – MANAGED SPECIES<sup>1</sup>**  
**POTENTIAL OCCURRENCE WITHIN THE FORT HAMER ALTERNATIVE STUDY AREA**

Fishery Management Plan	Species	Potential Occurrence Within Study Area <sup>2</sup>	Comments
Shrimp	Brown shrimp ( <i>Farfantepenaeus aztecus</i> )	None	More common in central and western Gulf of Mexico.
	White shrimp ( <i>Litopenaeus setiferus</i> )	None	More common in central and western Gulf of Mexico.
	Pink shrimp ( <i>F. duorarum</i> )	High	Occurs throughout Tampa Bay/Boca Ciega Bay.
	Royal red shrimp ( <i>Pleoticus robustus</i> )	None	An off-shore/deep-water species (180 – 730 meters).
Red Drum	<i>Sciaenops ocellatus</i>	High	Occurs throughout Tampa Bay and the Manatee River.
Coastal Migratory Pelagic Resources	King mackerel ( <i>Scomberomorus cavalla</i> )	None	An off-shore species.
	Spanish mackerel ( <i>S. maculatus</i> )	Low	An off-shore or near shore species; juveniles may inhabit estuarine areas but are not estuarine-dependent.
	Cobia ( <i>Rachycentron canadum</i> )	Low	An off-shore/deep-water species; juveniles may inhabit estuarine areas but are not estuarine-dependent.
Stone Crab	Florida stone crab ( <i>Menippe mercenaria</i> )	Low	Prefers higher salinities.
	Gulf stone crab ( <i>M. adina</i> )	Low	Prefers higher salinities.
Spiny Lobster	Spiny lobster ( <i>Panulirus argus</i> )	None	Preferred habitat is off-shore coral reefs and seagrasses.
	Slippery lobster ( <i>Scyllarides nodife</i> )	None	Preferred habitat is off-shore coral reefs.
Coral and Coral Reef	Multiple groups/species	None	Potential for scattered specimens.

*Continued on next page*

**TABLE 14 (CONTINUED)**  
**GULF OF MEXICO EFH – MANAGED SPECIES<sup>1</sup>**  
**POTENTIAL OCCURRENCE WITHIN THE FORT HAMER ALTERNATIVE STUDY AREA**

Fishery Management Plan	Species	Potential Occurrence Within Study Area <sup>2</sup>	Comments
Reef Fish	Red grouper ( <i>Epinephelus morio</i> )	None	Generally an off-shore species.
	Black grouper ( <i>Mycteroperca bonaci</i> )	None	Generally an off-shore species.
	Gag grouper ( <i>M. microlepis</i> )	Low	Prefer high salinities.
	Scamp ( <i>M. phenax</i> )	None	Prefer deeper waters (12 – 189 meters).
	Red snapper ( <i>Lutjanus campechanus</i> )	None	Prefer deeper waters (17 – 200 meters).
	Vermillion snapper ( <i>Rhomboplites aurorubens</i> )	None	Prefer deeper waters (20 – 200 meters).
	Gray snapper ( <i>L. griseus</i> )	High	Postlarvae and juvenile found in most estuarine habitats.
	Yellowtail snapper ( <i>Ocyurus chrysurus</i> )	None	Little information available. Juveniles found in <i>Thalassia</i> beds and mangrove roots.
	Lane snapper ( <i>L. synagris</i> )	None	Found in mangrove and grassy estuarine areas.
Reef Fish (continued)	Greater amberjack ( <i>Seriola dumerili</i> )	None	An off-shore species.
	Lesser amberjack ( <i>S. fasciata</i> )	None	An off-shore species.
	Tilefish ( <i>Lopholatilus chamaeleonticeps</i> )	None	An off-shore/deep-water species.
	Gray triggerfish ( <i>Balistes capriscus</i> )	None	An off-shore species.

<sup>1</sup> GMFMC, 1998.

<sup>2</sup> Ratings are None, Low, and High and are based on habitat suitability and species' range as follows:

None – Suitable habitat does not occur within the study area. The species is commonly known to not exist in the area.

Low – Marginally suitable habitat exists within the study area, and the study area is within the species' range, or, suitable habitat exists within the study area; however, the study area is at the edge of the species' range.

High – Suitable habitat exists within the study area, and the study area is within the species' range. The species is commonly known to exist in the area.

None of the 55 representative managed species and coral complex has the potential to occur within the Rye Road Alternative Study Area due to its freshwater component (i.e., lack of saltwater and estuarine habitats).

## 4.5 POTENTIAL EFH IMPACTS

As described previously, Wetlands 2, 3, 4, and River 1 (Manatee River) within the Fort Hamer Alternative qualify as EFH. As shown in **Table 15**, the Fort Hamer Alternative would impact 0.16 acre of EFH due to fill and 1.01 acres of vegetated EFH due to shading. The Rye Road Alternative would not affect habitats designated as EFH.

**TABLE 15  
EFH IMPACT SUMMARY – FORT HAMER ALTERNATIVE**

<b>Wetland</b>	<b>FLUCFCS<sup>1</sup></b>	<b>FWS Classification<sup>2</sup></b>	<b>Description</b>	<b>Impact Type</b>	<b>Wetland Impact (Acres)</b>
Wetland 2	631	E2SS3A	Wetland Scrub	Shading Fill	0.10 0.01
	642	E2EM1P	Saltmarsh	Shading Fill	0.12 0.01
<b><i>Sub-total Wetland 2</i></b>					<b><i>0.24</i></b>
Wetland 3	612	E2SS3N	Mangroves	Shading Fill	0.05 0.01
	615	PF01P	Stream and Lake Swamp (Bottomland)	Shading Fill	0.21 0.01
	642	E2EM1N	Saltmarsh	Shading Fill	0.50 0.03
<b><i>Sub-total Wetland 3</i></b>					<b><i>0.81</i></b>
Wetland 4	642	E2EM1N	Saltmarsh (Shoreline)	Shading Fill	0.03 0.0003
<b><i>Sub-total Wetland 4</i></b>					<b><i>0.03</i></b>
River 1a	510	E1UB2L	Manatee River (Open Water)	Shading Fill	0.06 0.06
River 1b	510	E1UB2L	Manatee (Open Water)	Fill	0.03
<b><i>Sub-total Rivers 1a and 1b</i></b>					<b><i>0.15</i></b>
<b>Total Impacts</b>					<b>1.23</b>

<sup>1</sup> FDOT, 1999.

<sup>2</sup> Cowardin, *et al.*, 1979.

Note: Numbers may not add due to rounding.

#### **4.5.1 FORT HAMER ALTERNATIVE**

The presence of bridge pilings/footings within the wetlands and open water portion of the Manatee River would result in 0.16 acre of fill. These impacts are not expected to adversely affect populations of red drum, gray snapper, pink shrimp, stone crab, and their prey populations.

A total of 1.01 acres of Wetlands 2, 3, and 4 would be subjected to permanent shading impacts from the bridge (all of which qualifies as designated EFH). These impacts would not affect the hydrology of the affected wetlands but may result in a decrease of vegetation and secondary productivity beneath the bridge. As stated previously, approximately 48 percent of the structure would have a height-width ratio of 0.7 or greater, including that portion of the structure over the saltmarsh and mangroves in Wetland 3. The mid-point of the bridge, and consequently the highest part of the bridge, occurs over these marsh/mangrove habitats and allows stormwater to flow in equal volumes from the bridge to the stormwater ponds located at each end of the structure. Thus, 75 percent of the total permanent shading area (0.76 acre of the 1.01 acres) occurs beneath that portion of the bridge with a height-width ratio of 0.7 or greater. The remaining 25 percent of shading area (0.25 acre) occurs beneath portions of the bridge with a height-width ratio of less than 0.7.

Broome *et al.* (2005) reported that above-ground biomass, stem height, stem count, number of flowers, and basal area were greatly reduced beneath bridges at height-width ratios less than 0.5. At a height-width ratio of 0.68 adverse bridge shading effects on vegetation were still detected although greatly diminished. Likewise, they showed a strong correlation of bridge height-width ratio with secondary productivity with benthic invertebrate density and diversity significantly lower beneath bridges with a height-width ratio less than 0.7. Broome *et al.* (2005) concluded: “Data indicates that shading by bridges having height-width ratios greater than 0.7 do not adversely impact the productivity or function of the underlying marsh...” Based on this analysis, the 0.25 acre of permanent shading area beneath the proposed bridge would be expected to result in reduced productivity and ecological function beneath the bridge. The remaining 0.76 acre of shading would have minimally reduced productivity and function. Shading impacts beneath the bridge may be further reduced due to the north-south orientation of the bridge; more sunlight will be present under the bridge during the morning and late afternoon hours compared to a bridge with an east-west axis. Based on this information, we conclude that the 1.01 acres of permanent shading beneath the bridge will have minimal adverse effects to red drum, gray snapper, pink shrimp, and stone crab populations and their prey species.

The temporary work trestle described previously would result in 0.62 acre of temporary shading impacts to wetlands. These impacts are expected to be minimal and should restore naturally following removal of the structure.

Water quality degradation could affect designated EFH within the Fort Hamer Alternative Study Area. To minimize potential water quality impacts, the project would be constructed in accordance with all permit conditions for maintaining water quality during construction and during operation of the facility. All stormwater runoff from the roadway and bridge structure would be directed to stormwater treatment ponds; no stormwater runoff would be directly discharged to the Manatee River or adjacent wetlands. For these reasons, no water quality induced adverse impacts to EFH or EFH-dependent species are anticipated for the Fort Hamer Alternative.

#### **4.5.2 RYE ROAD ALTERNATIVE**

The Rye Road Alternative would not have direct fill or shading impacts to EFH; however, water quality degradation could affect downstream habitats designated as EFH. Currently, little to no stormwater treatment occurs for the roadways that comprise the Rye Road Alternative. However, currently state permitting criteria require the construction and maintenance of a stormwater conveyance and treatment system for new impervious roadway areas. Locations and other details of the stormwater treatment system would be developed during project design if this alternative were advanced. To minimize potential water quality impacts, this alternative would be constructed in accordance with all permit conditions for maintaining water quality during construction and operation of the facility. All stormwater runoff from the roadway and bridge structures would be directed to stormwater treatment ponds; no stormwater runoff would be directly discharged to the Manatee River or adjacent wetlands. For these reasons, no water quality induced adverse impacts to EFH or EFH-dependent species are anticipated for the Rye Road Alternative.

## *Section 5.0*

# *CONCEPTUAL MITIGATION*

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Both the Fort Hamer Alternative and the Rye Road Alternative would result in unavoidable wetland impacts to freshwater and/or estuarine wetland habitats. Regardless of the build alternative ultimately constructed, wetland impacts resulting from construction of the project are required to be mitigated to satisfy all mitigation requirements of United States Code (U.S.C.) 1344 and Part IV, Chapter 373 Florida Statutes (F.S.). The mitigation would need to be sufficient to offset the UMAM functional loss resulting from the wetland impacts and to offset the loss of value and functions resulting from impacts to EFH.

At present, there are no permitted wetland mitigation banks or in-lieu fee program serving the study area of either build alternative; therefore, mitigation through these options is not available. For this reason, a conceptual mitigation plan was created to offset the unavoidable impacts to wetlands that would result from construction of either build alternative. However, the status of available mitigation banks and mitigation credits would be reassessed as this project moves forward into design and permitting.

Conceptual mitigation for either build alternative consists of the creation of wetland habitats. The primary mitigation area is located within a 229-acre vacant parcel of land known as the Hidden Harbor Tract on the north side of the river and east of Fort Hamer Road. This site is located approximately 3,700 feet east of the Fort Hamer Park (**Figure 9**). The area had been in agricultural cultivation until 2004 when it was purchased by the Manatee County Board of County Commissioners. The site has not been planted with row crops since the purchase, but is maintained by occasional mowing activities.

The area to be converted for wetland mitigation is currently fallow crop land that was previously used for growing tomatoes. Bed rows are still visible and dominated by cogon grass (*Imperata cylindrical*). Associate species observed in this area include saltbush, bushy broomsedge (*Andropogon glomeratus*), rattlebox (*Sesban spp.*), and docks (*Rumex spp.*).

In its current state, the proposed mitigation site provides little habitat for wildlife. Feral hogs were observed in the fallow crop land and several species of avian raptors were observed flying overhead; however, the fields do not provide the diversity of habitats preferred by most species. Once the proposed mitigation is constructed, a mosaic of habitats would be available for wading birds, amphibians, reptiles, and other wetland-dependent species.

Hydrology on the site is maintained by rainfall, except for a small portion on the northeast side of the mitigation site, which borders an unnamed tributary to Gamble Creek. A shallow tidal overflow from this tributary enters the proposed mitigation site at this location and would be incorporated into the mitigation design.

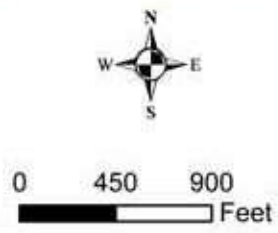
Path: I:\Projects\12009385\_Hamer Bridge Manatee River\Applications\mxd\March 2013\Fort Hamer Mitigation Areas.mxd



- Legend**
- Construction Limits
  - Mitigation Areas

Sources:  
Aerial- FDOT, 2011

Figure 9  
Conceptual Mitigation Areas  
Fort Hamer Alternative  
Manatee County, FL



## **5.1 FORT HAMER ALTERNATIVE**

The conceptual wetland mitigation for the Fort Hamer Alternative consists of three mitigation areas (Mitigation Areas A, B, and C). Mitigation Area A is located on the south side of the Manatee River immediately adjacent to Wetland 2 and east of the proposed roadway and bridge approach. The area to be converted for wetland mitigation is predominantly disturbed oak hammock dominated by live oak and Brazilian pepper. Mitigation activities to be performed in this area include creation of approximately 0.3 acre of tidal saltmarsh that is hydrologically connected to Wetland 2 and the Manatee River. The area would be excavated below the mean high water elevation and planted with black needle rush and leather fern.

Mitigation Area B is located in the Hidden Harbor site on the north side of the river. In Mitigation Area B, 0.2 acre of mangrove wetland and 1.8 acres of saltmarsh would be created by excavating uplands to approximately 1.5 feet below the mean high water elevation and hydrologically connecting it to the tidal portion of an unnamed tributary of Gamble Creek. Red and black mangroves would be planted in a zone between the tidal creek and saltmarsh. The saltmarsh portion of this wetland would be intertidal and planted with species adapted for oligohaline conditions, including black needlerush and leather fern. The saltmarsh would also contain a sub-tidal pool, which would hold approximately 12 to 14 inches of water at low tide.

Mitigation Area C is also located in the Hidden Harbor site adjacent to Mitigation Area B. Mitigation Area C would consist of 2.2 acres of mixed, forested wetland hardwoods created by excavating uplands to 6 inches below the seasonal high groundwater elevation and hydrologically connecting it to upstream freshwater flow from an unnamed tributary of Gamble Creek. At seasonal high water, the mitigation area would hold approximately 6 inches of water. The mixed wetland hardwoods mitigation site would be planted with laurel oak, American elm, and red maple. A transitional boundary between uplands and wetlands would be planted with buttonbush, wax myrtle, and saltbush.

## **5.2 RYE ROAD ALTERNATIVE**

Proposed mitigation activities at the Hidden Harbor site for the Rye Road Alternative include the construction of approximately 3.4 acres of mixed, forested wetland hardwoods at Mitigation Area C. The mixed wetland hardwoods would be created by excavating uplands to approximately 6 inches below the seasonal high groundwater elevation and hydrologically connecting it to upstream freshwater flow from the unnamed tributary of Gamble Creek. At seasonal high water, the mitigation area would hold approximately 6 inches of water. The mixed wetland hardwoods mitigation site would be planted with laurel oak, American elm, and red maple. A transitional boundary between uplands and wetlands would be planted with buttonbush, wax myrtle, and saltbush.