

APPENDIX E
CULTURAL RESOURCES INVESTIGATION
H.015428

Cultural Background and Previous Investigations

Cultural Background

The cultural context of the Study Area is based on background research conducted from the database of the Louisiana Office of Cultural Development (LAOCD) and previously conducted survey reports. The prehistoric periods or stages include the Paleoindian, Archaic, and Mississippian, with each stage displaying unique patterns of subsistence, social organization, and material culture associated with the Lower Mississippi valley cultural traditions. These temporal divisions have been established based on broad changes in technology, subsistence strategy, settlement pattern, and regional interaction. Historic-era sites consist of exploration and settlement, pre- and post-Civil War, and late 19th and early 20th century Industrial periods as observed in the archaeological record in Louisiana and the greater southeast.

AECOM Technical Services, Inc. (AECOM) reviewed the Study Area for previous cultural resources investigations, previously identified archaeological sites, historic cemeteries, previously recorded historic standing structures, as well as any of these cultural resources listed, eligible, or potentially eligible for listing in the National Register of Historic Places (NRHP). The review was based on information available through the online cultural resources map maintained by the LAOCD Division of Archaeology. Included below are previously conducted cultural resources investigations within the Study Area; previously identified archaeological sites within the Study Area and within one mile of the Study Area; historic cemeteries within and adjacent to the Study Area; and previously identified historic standing structures within and adjacent to the Study Area (**Figure 1** and **Figure 2**).

Previously Conducted Cultural Resources Investigations

The background review revealed a total of 13 cultural resources investigations have occurred between 1999 and 2022 within or partially within the Study Area. **Table 1** below identifies the LAOCD survey number, the agency or sponsor of the investigation, survey report title and date of the investigation, and the results of the investigation that pertain to the Study Area. These investigations were conducted for the U. S. Army Corps of Engineers (USACE), New Orleans District (N=7); the Louisiana Department of Transportation (LDOT) (N=1); the St. Bernard Parish Government (N=1); the St. Bernard Economic Development Foundation (N=1); and private entities (N=3).

Table 1. Previously Conducted Cultural Resources Investigations within the Study Area

Report Number	Agency and/or Sponsor	Survey Report Title (Date)	Survey Results
22-2356	Lockheed Martin	<i>Phase I Archaeological Survey of the NASA Michoud Assembly Facility, New Orleans, Louisiana (1999)</i>	30-acre survey area; discovery of site 16OR149 and revisit of site 16OR65; no further work
22-2638	LDOT; U. S. Coast Guard; Homeland Security	<i>Phase I Cultural Resources Survey of the Proposed New Florida Avenue Bridge Over the Inner Harbor Navigation Canal (IHNC) Project (State Project Number 700-19-0108) in Orleans and St. Bernard Parishes, Louisiana (2005)</i>	282.21-acre survey area; 870 structures recorded; Florida Avenue Railroad Bridge; Pumping Station 5; Central Power Station; Johnson C. Lockett Elementary School recommended eligible
22-3140	USACE, New Orleans District	<i>Phase I Cultural Resource Investigation at Lake Pontchartrain & West Bank Vicinity Area Individual Environmental Report #24, Orleans and St. Bernard Parishes, Louisiana (2009)</i>	628.45-acre survey area; 14 stockpile locations; two standing structures; no further work
22-3143	USACE, New Orleans District	<i>Phase I Cultural Resources Survey of the Proposed Gray and Crovetto/Kenilworth Borrow Areas, St. Bernard Parish, Louisiana (2008)</i>	21.56-acre survey area; two borrow areas; no cultural materials; no further work
22-3165	USACE, New Orleans District	<i>Management Summary: Phase I Cultural Resources Survey and Inventory Performed for Lake Pontchartrain and Vicinity Project, Individual Environmental Report Area 10 (IER#10), St. Bernard Parish, Louisiana (2008)</i>	22 miles of levee and floodwall to be augmented; revisit of sites 16SB160 and 16SB161; no further work
22-3165-1	USACE, New Orleans District	<i>Cultural Resources Investigations, IER #10, Chalmette Loop – Expanded APE, LPV 145 Project Area, Hurricane and Storm Damage Risk Reduction System, Orleans Parish, Louisiana (2009)</i>	420.1-acre and 3.5-mile survey area; revisit of sites 16OR40 and 16OR41; no further work
22-3476	Royal Engineers & Consultants	<i>Phase I Cultural Resources Survey and Archeological Inventory of Two Proposed Borrow Areas, Plaquemines and St. Bernard Parishes, Louisiana (2012)</i>	986.7-acre survey area; no cultural materials; no further work

Report Number	Agency and/or Sponsor	Survey Report Title (Date)	Survey Results
22-3804	USACE, New Orleans District	<i>Phase I Cultural Resources Investigations for the Lake Pontchartrain and Vicinity Project Area, in St. Charles, Jefferson, Orleans, and St. Bernard Parish, Louisiana</i> (2012)	21,779.8-acre terrestrial survey; 6,371.2-acre underwater survey; 26 terrestrial sites; 6 underwater sites; 14 historic districts; Sites 16OR15, 16OR97, 16OR445, 16OR448, 16OR449, 16OR451, and 16OR452 potentially eligible
22-4550	Environmental Engineers, Inc.	<i>A Negative Findings Phase I Cultural Resources Survey of the Proposed Judge Perez Telecommunications Tower, St. Bernard Parish, Louisiana</i> (2014)	Monopole Structure survey; no cultural materials; no further work
22-5413	St. Bernard Economic Development Foundation	<i>A Phase I Cultural Resources Survey for the Sinclair Site Near Meraux in St. Bernard Parish, Louisiana</i> (2016)	263-acre survey area; revisit of sites 16SB170 and 16SB179; potentially eligible; further testing recommended
22-5579	St. Bernard Parish Government; US Department of Housing and Urban Development	<i>Phase I Marine Archaeological Survey for the Harbor of Refuge Project, Violet Canal, St. Bernard Parish, Louisiana</i> (2017)	170.2-acre survey area; four significant magnetic anomalies; further work recommended
22-6334	USACE, New Orleans District; Entergy Louisiana, L.L.C.	<i>Phase I Cultural Resources Survey of the Munster Substation Project in St. Bernard Parish, Louisiana (Negative Findings Report)</i> (2019)	32-acre survey area; no cultural materials; no further work
22-7118	USACE, New Orleans District	<i>Phase I Cultural Resource Assessment Survey for the Proposed Louisiana International Terminal Project in Violet, St. Bernard Parish, Louisiana</i> (2022)	600-acre survey area; revisit of site 16SB102; newly discovered sites 16SB209 and 16SB210 (Merrit Cemetery); 12 historic structures; structures 44-00528 and 44-00534 potentially eligible; further work recommended

Source: LAOCD 2024

Previously Recorded Archaeological Sites and Cemeteries

A total of 31 previously recorded archaeological sites and three historic cemeteries, one of which is also classified as an archaeological site (16SB210 [Merrit Cemetery]), were identified within the Study Area or within one mile of the Study Area (**Table 2**). Twenty-one of the sites are historic in age, dating from the late 18th to early 20th centuries. The NRHP-listed Chalmette Unit – Jean Lafitte National Historic Park (N.H.P.) (16SB147) is located approximately 0.7 miles west of the Study Area. Five historic archaeological sites and one historic cemetery were identified within, or partially within, the Study Area; the Michoud Plantation (16OR65), the Michoud Assembly Facility (M.A.F.) (15OR149), the Lake Borgne Canal Lock (16SB105), the Guichard Plantation Mill Remains (16SB123), the Saxonholm Plantation / Story Plantation (16SB179), and the historic Ellen Cemetery (ca. 1909 to 2015). Site 16SB179 has been determined potentially eligible for listing in the NRHP. The remaining four historic archaeological sites and the historic Ellen Cemetery have been determined not eligible or have an unknown NRHP eligibility (LAOCD 2024).

The remaining ten archaeological sites consist of eight prehistoric sites and two sites with prehistoric and historic components. Of the eight prehistoric sites, Site 16SB140, a shell midden recommended eligible for listing in the NRHP in 1992, is within the Study Area. Site 16SB148, a prehistoric camp and historic artifact scatter recommended not eligible, is also within the Study Area (LAOCD 2024). No additional archaeological sites or cemeteries are within the Study Area.

Table 2. Archaeological Sites and Cemeteries within the Study Area and One Mile Buffer

Site Number / Cemetery	Site / Cemetery Description	NRHP Eligibility	Location Relative to Study Area
16OR40 / Linsley Site	Prehistoric; Poverty Point Period; inundated shell middens; site destroyed	Not eligible	0.75 miles east
16OR41 / Paris Road Site	Prehistoric; Tchefuncte Period; inundated shell midden; site destroyed	Not eligible	0.13 miles west
16OR55 / Atlatl Weight Site	Prehistoric; unknown; surface collection; atlatl weight, fossil bones	Unknown	0.24 miles east

Site Number / Cemetery	Site / Cemetery Description	NRHP Eligibility	Location Relative to Study Area
16OR65 / Michoud Plantation	Historic; 19 th century cattle and sugar plantation; wood lined privy, 2 standing sugar house chimneys, midden; highly disturbed	Not eligible	Within Study Area
16OR149 / M.A.F. Field Office Building Site	Historic; 20 th century WWII brick and mortar foundation	Not eligible	Within Study Area
16SB40 / Dupre Site	Prehistoric; Early Baytown and Coles Creek; surface artifact scatter, shell midden; Baytown Plain pottery	Not eligible	0.66 miles east
16SB67 / Bob Neuman Site	Prehistoric; Mississippian Period campsite; surface pottery scatter; site destroyed	Not eligible	0.85 miles west
16SB71 / Lake Borgne-Bayou Dupre	Prehistoric; Coles Creek/Mississippian; surface scatter Historic; late 19 th – early 20 th century; surface scatter, glass, brick, stoneware	Not eligible	0.94 miles east
16SB84 / Battery Bienvenue	Historic; pre-Civil War coastal battery; surface scatter, historic ruins	Eligible	0.35 miles south
16SB85 / Martello Castle	Historic; pre-Civil War masonry structure; destroyed in 2005 (Hurricane Katrina)	Potentially eligible	0.47 miles east
16SB88 / De La Ronde Plantation	Historic; 1800s plantation; structure in ruins	Unknown	0.43 miles south
16SB89 / Lake Borgne Canal Redoubt	Historic; 1800s American gun emplacement or redoubt	Unknown	0.46 miles southwest
16SB100 / Horseshoe Bayou	Prehistoric; camp; midden, pottery sherds, bone	Not eligible	0.71 miles east
16SB101 / Reunion Plantation	Historic; 18 th to 20 th century; sugar cane and rise plantation	Not eligible	0.43 miles southwest
16SB102 / Merits Plantation	Historic; 1800s plantation site; midden, bricks, ceramics, glass, personal items	Not eligible	0.7 miles west
16SB104	Historic; brick scatter, metal fragments	Unknown	0.45 miles west
16SB105 / Lake Borgne Canal Lock	Historic; boat lock	Unknown	Partially within Study Area
16SB123 / Guichard Plantation Mill Remains	Historic; late 19 th century sugar mill structure; concrete, brick	Unknown	Within Study Area
16SB140	Prehistoric; shell midden	Eligible	Within Study Area
16SB146	Historic; two ca. 1820s structures	Unknown	0.47 miles northeast
16SB147 / Chalmette Unit – Jean Lafitte N.H.P.	Historic; Antebellum 1803-1860; military use structures and battlefield	Listed	0.68 miles west
16SB148	Prehistoric; camp, surface scatter, pottery, bone Historic; unknown, surface scatter, glass	Not eligible	Within Study Area
16SB154 / Two Points Site	Prehistoric; Coles Creek/Mississippian; camp	Potentially eligible	0.46 miles northeast
16SB156 / 910 Bayou Road Borrow Site	Historic; 19 th or 20 th century home; sugar cane field, glass, ceramic, brick, metal	Not eligible	0.32 miles northeast
16SB169 / Los Islenos Complex	Historic; homestead; brick piers, standing structure, midden, surface artifact scatter	Unknown	0.66 miles northeast
16SB176 / Old St. Bernard Courthouse / Beauregard School	Historic; Exploration (1541-1803); Antebellum (1803-1860); War and Aftermath (1860-1890); Industrial (1890+), ceramic, glass, gunflints, brick, metal	Not eligible	0.71 miles northeast
16SB179 / Saxonholm Plantation / Story Plantation	Historic; Antebellum (1803-1860); War and Aftermath (1860-1890); Industrial (1890+); plantation main house and tenant houses, brick, ceramic, glass, bone, metal	Potentially eligible	Within Study Area
16SB195 / 804 Bayou Road	Historic; 19 th or 20 th century home	Unknown	0.53 miles west
16SB209 / Violet Port-1	Historic; Antebellum (1803-1860); War and Aftermath (1860-1890); Industrial (1890+); artifact scatter	Not eligible	0.72 miles west
16SB210 / Merrit Cemetery	Historic; cemetery 1913 to present	Unknown	0.57 miles southwest
16SB211 / Violet's Brick	Historic; 2 brick features	Unknown	0.34 miles south
Ellen Cemetery	Historic; cemetery; 200 interments (1909 to 2015)	Unknown	Within Study Area
Saint Bernard Memorial Gardens	Historic; cemetery; 13,500+ interments (1864 to present)	Unknown	Adjacent to west of Study Area

Source: LAOCD 2024

Previously Recorded Historic Standing Structures

The background review of the Study Area revealed 22 historic standing structure locations have been previously recorded within, or immediately adjacent to, the Project Study Area (**Table 3**). Twenty of the structures have been determined not eligible for listing in the NRHP. Structure 36-01804, the Gulf Outlet Canal Bridge, has been determined Eligible for listing in the NRHP under Criterion C for design and engineering. Structure 44-00089, also recorded as an archaeological site (16SB85), the Lake Borgne Martello Castle has been determined potentially eligible for listing in the NRHP. Currently consisting of ruins, the Martello Castle was destroyed by Hurricane Katrina in 2005. The location of Structure 44-00089 appears to be mis-plotted on the Cultural Resources Map and is located approximately 0.8 miles to the northeast (LAOCD 2024).

Table 3. Historic Standing Structures within the Study Area

Historic Standing Structure #	Address / Name	Parish	Date	Description	NRHP Eligibility
36-01536	Coast Guard Machine Shop	Orleans	ca. 1935-1945	Industrial complex, inter-harbor canal; example of mid-to late 20 th century industrial structures	Not eligible
36-01804	Gulf Outlet Canal Bridge	Orleans	1967	Steel High Truss, Warren Truss, Cantilevered Through Truss	Eligible
44-00088	Pumping Station #2	St. Bernard	1958	Pump station clad in sheet metal with front gable, metal roof	Not eligible
44-00089 / 16SB85	Lake Borgne / Martello Castle	St. Bernard	ca. 1830	Pre-Civil War masonry structure; abandoned as a fort in 1880s; destroyed in 2005 (Hurricane Katrina)	Potentially eligible
44-00360	227 W. Genie	St. Bernard	ca. 1930-40	1-story gabled-roof shotgun bungalow residence; stucco cladding	Not eligible
44-00368	115 W. Morales	St. Bernard	ca. 1900	1-story Late Victorian cottage residence; gabled roof; two center chimneys; asbestos siding	Not eligible
44-00382	2727 Paris Road	St. Bernard	ca. 1940	1 ½-story, multi-gabled roof bungalow residence; aluminum siding	Not eligible
44-00384	2801 Paris Road	St. Bernard	ca. 1930	1 ½-story, gabled roof central hall residence; cement veneer designed to resemble stone	Not eligible
44-00385	2911 Paris Road / Vinceneau	St. Bernard	ca. 1920-30	1 ½-story, gabled roof side hall residence; clapboard siding	Not eligible
44-00386	2926 Paris Road	St. Bernard	ca. 1930-40	1 ½-story, gabled roof bungalow residence; clapboard siding	Not eligible
44-00387	2930 Paris Road	St. Bernard	ca. 1920-30	1 ½-story, gabled roof bungalow residence; clapboard siding	Not eligible
44-00388	3025 Paris Road / Balloon Fantasies	St. Bernard	ca. 1930	1-story gabled roof bungalow residence/commercial; clapboard siding	Not eligible
44-00389	3117 Paris Road	St. Bernard	ca. 1870	1 ½-story gabled-roof Late Victorian shotgun bungalow residence; clapboard siding	Not eligible
44-00390	3201 Paris Road / Chalmette Decorating Shoppe	St. Bernard	ca. 1920	1- story gabled roof shotgun residence/commercial; clapboard siding	Not eligible
4400391	3417 Paris Road / Chalmette Welding Supply	St. Bernard	unknown	1-room commercial structure with tile roof and stucco siding	Not eligible
44-00392	3428 Paris Road	St. Bernard	ca. 1940	1-story gabled roof shotgun residence; two center chimneys; clapboard siding	Not eligible
44-00393	3506 Paris Road / Blanchard	St. Bernard	ca. 1900	1-story, gabled roof Victorian central hall residence; cement veneer designed to resemble stone	Not eligible
44-00394	3508-10 Paris Road	St. Bernard	ca. 1930-40	1 ½-story, hipped roof simplified Spanish Revival residence; stucco exterior	Not eligible
44-00395	3511 Paris Road / Henry Ponstein	St. Bernard	1928	1-story, hipped roof modified Bungalow residence; brick veneer	Not eligible

Historic Standing Structure #	Address / Name	Parish	Date	Description	NRHP Eligibility
44-00396	3600 Paris Road / Allwood by Norwood	St. Bernard	ca. 1930	1-story gabled roof Modern style residence/commercial; asbestos siding	Not eligible
44-00439	Murphy Oil / Sinclair Oil	St. Bernard	ca. 1925	1-story Modern style commercial; brick exterior	Not eligible
44-00491	2005-07 Canal Street / Melerine	St. Bernard	ca. 1910	1-story Victorian Vernacular cottage residence; clapboard siding	Not eligible

Source: LAOCD 2024

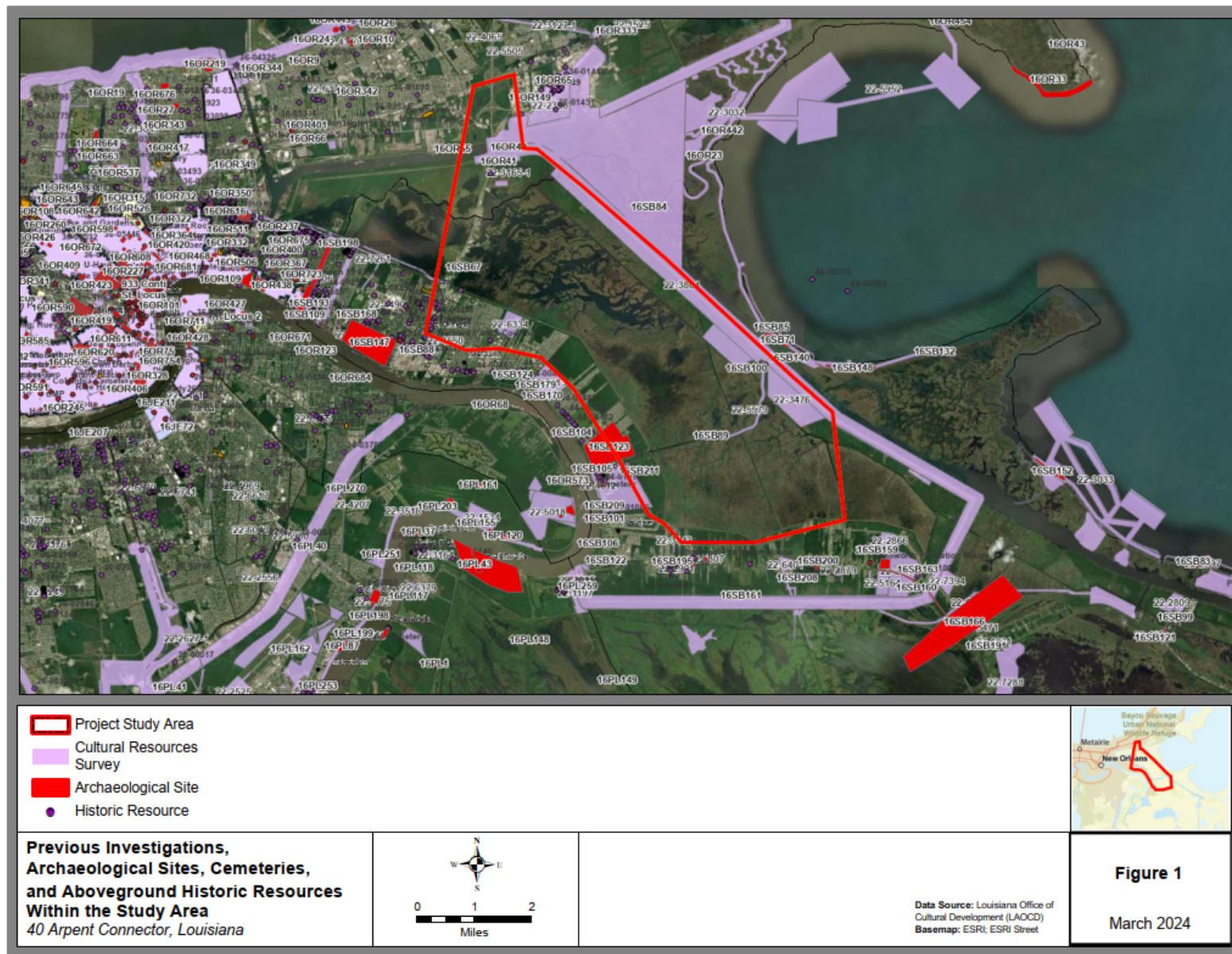


Figure 1. Aerial Image of Project Area

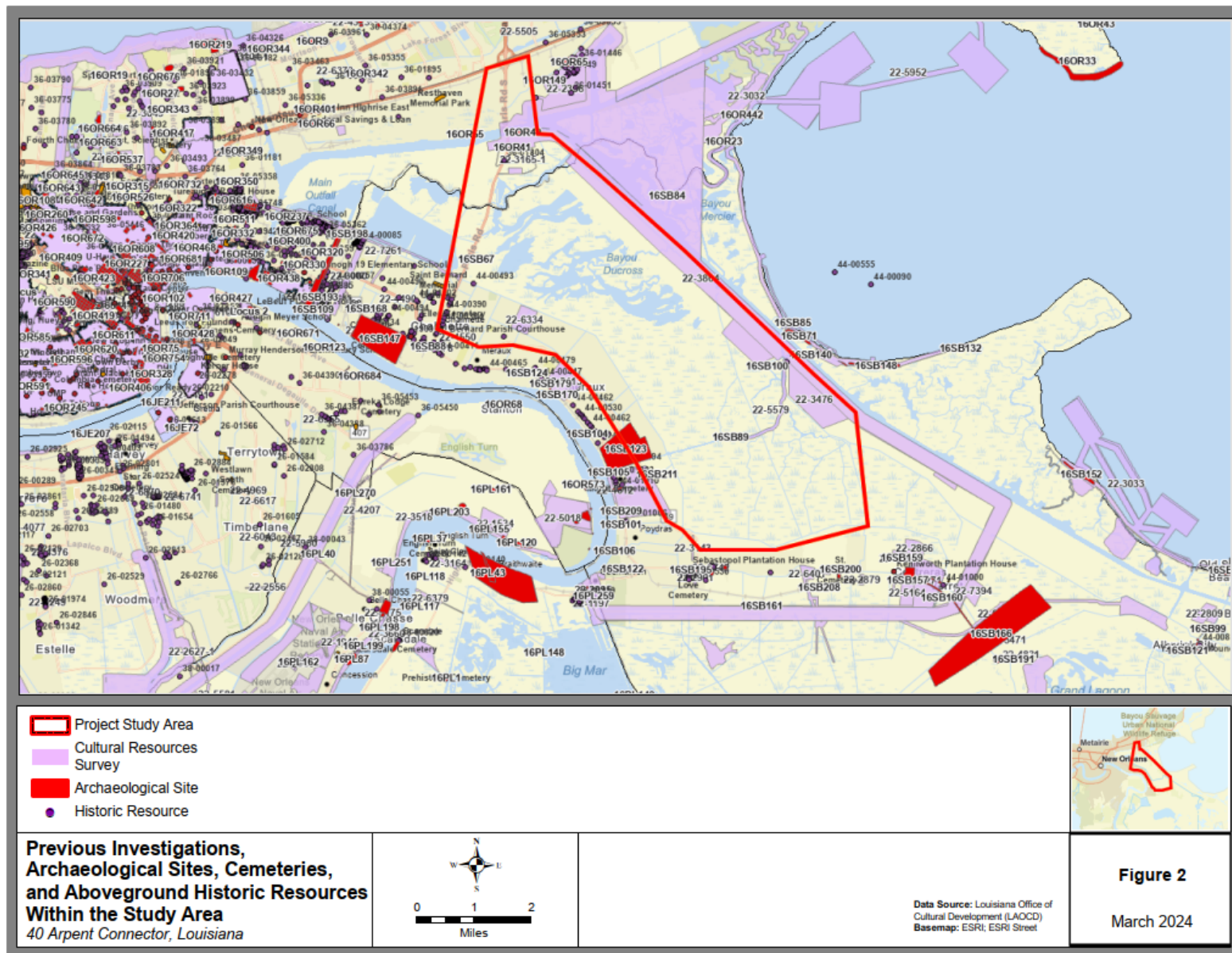


Figure 2. Topographic Map of Project Area