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Negative Findings Cultural Resources Survey for the No Name Island Road Improvement Project, Laredo, Texas Laredo Sector, U.S. Customs and Border Protection

John Lindemuth

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Negative Findings Cultural Resources Survey for the
No Name Island Road Improvement Project, Laredo, Texas
Laredo Sector, U.S. Customs and Border Protection

October 2019
NEGATIVE FINDINGS CULTURAL RESOURCES SURVEY
FOR THE NO NAME ISLAND
ROAD IMPROVEMENT PROJECT, LAREDO, TEXAS
LAREDO SECTOR, U.S. CUSTOMS AND BORDER PROTECTION

Final Report

PUBLIC

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John Lindemuth

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ABSTRACT

Gulf South Research Corporation (GSRC) personnel conducted an intensive archaeological survey of an existing footpath and detached river terrace, referred to as “No Name Island” proposed for vegetation removal on behalf of U.S. Customs and Border Protection (CBP). The project area consists of an approximately 0.25-mile-long dirt footpath, which is proposed to be widened to 16 feet to allow vehicle access (i.e., No Name Access Road), and an approximately 1.12-acre area of detached river terrace (i.e., No Name Island), for which clearing of dense vegetation is proposed. This investigation constitutes CBP’s good faith effort to take into account any adverse effects that may occur as a result of the proposed undertaking in compliance with Section 106 of the National Historic Protection Act (NHPA) (Public Law 89-665; 54 U.S.C. 300101 et seq).

The intensive Phase I archaeological investigation included background research of the physical environment, cultural history of the area, previous investigations and previously reported cultural resources, and field survey. Field survey included pedestrian surface inspection supplemented with the excavation of shovel test pits (STPs).

Background research revealed eight investigations have been previously conducted, three archaeological sites, and one National Register of Historic Places (NRHP)-listed historic district have been previously recorded within a 0.5-mile radius of the proposed project area. Two of these investigations overlapped with portions of the survey area. None of the previously identified archaeological sites or the NRHP-listed district overlap with either the No Name Access Road or No Name Island survey areas.

During field survey, the pedestrian survey encountered no archaeological resources on the ground surface. The subsurface testing consisted of the excavation of four STPs along No Name Access Road within the 0.25 mile long, 60-foot wide project corridor and five STPs within the 1.12 acre No Name Island vegetation removal area. None of the nine STPs were positive for cultural material.

As a result of this investigation, no cultural resources were identified within the proposed project area. The proposed project will have no adverse effect on cultural resources and no further work is recommended.
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CHAPTER I:
INTRODUCTION

Gulf South Research Corporation (GSRC) performed an intensive archaeological survey on behalf of U.S. Customs and Border Protection (CBP) in support of a proposed road upgrade of a 0.25-mile-long existing dirt footpath to a 16-foot-wide vehicle access road (i.e., No Name Access Road) and removal of vegetation from a 1.12 acre detached river terrace (i.e., No Name Island). The Area of Potential Effect (APE) for the proposed projects includes both the No Name Access Road (0.25-miles long, 60-foot wide project corridor) and No Name Island (1.12 acres) parcel in Webb County, Texas (Figures 1 and 2). This investigation constitutes CBP’s good faith effort to take into account any adverse effects that may occur as a result of the proposed undertaking in compliance with Section 106 of the National Historic Protection Act (NHPA) (Public Law 89-665; 54 U.S.C. 300101 et seq).

The intensive archaeological survey included background research of the physical environment, cultural history of the area, previous investigations and previously reported cultural resources, and field survey. Field survey included pedestrian surface inspection supplemented with the excavation of shovel test pits (STPs). The field survey was conducted on August 9, 2019 by Mr. John Lindemuth, who served as Principal Investigator and Field Director for the project, and Mr. Nathan Bray and Mr. Orion Stand-Gravois who served as archaeological technicians for the survey.

REPORTING CONVENTIONS

This report follows the Council of Texas Archeologists Guidelines for Cultural Resource Management Reports as recommended by the Texas Historical Commission (THC). Section 1.0 provides an introduction to the proposed undertaking and includes a description and background for the project. Section 2.0 includes a description of the environmental setting of the project area. Section 3.0 includes a cultural context of the project area. Section 4.0 describes the methods of the investigation. Section 5.0 includes a summary of previous research including previously conducted investigations and sites recorded within 1.0 mi of the project area. Section 6.0 describes the results of the field investigations. Section 7.0 provides a summary and recommendations for the project.

Cultural resources specialists typically express measurements using the metric system when reporting on indigenous archaeological sites and English measurements when discussing non-indigenous properties. In this report measurements derived from United States Geological Survey (USGS) maps, or other sources in which English measurements are used, are given only in English dimensions. Thus, distances are given in miles (mi) and survey areas are given in ac. Scientific measurements of survey coverage, excavations, distances to the nearest water sources, and indigenous resources will be expressed in metric units. Metric-English conversions are provided for clarity where appropriate or as originally presented, such as in the typical pedon descriptions presented in Chapter II.
Figure 1. Vicinity Map

Project Location
Webb County, Texas

Legend
Survey Area
Figure 2. Portions of the Laredo South, TX and Laredo East, TX 7.5-minute topographic quadrangles showing the Laredo Road South and No Name Island survey areas.
CHAPTER II: ENVIRONMENTAL SETTING OF THE SURVEY PARCEL

The survey parcel consists of lands within Webb County, Texas. The county measures roughly 105 kilometers (km) (65 mi) from north to south by 137 km (85 mi) east to west. The total land area of Webb County is 871,759 hectares (ha) (2,154,163 ac). The land surface of the county is nearly level to rolling. Elevations within Webb County range from about 122 to 274 meters (m) (400 to 900 feet [ft]) above mean sea level. In 1980, a large portion of Webb County’s land, 10,117 ha (25,000 ac), was defined as urban or built up land, about 2,023 ha (5,000 ac) was irrigated cropland or pasture, and the remaining 859,619 ha (2,124,164 ac) was divided between rangeland, wildlife habitat, roads, and areas of open water (Sanders and Gabriel 1985).

CLIMATE

Webb County has hot summers and fairly warm winters. Based on temperature data from 1965 to 1978 at Laredo, Texas, the average daily temperature range from 14.4°C (58°F) in the winters to 29.4°C (85°F) in the summers. The average daily minimum temperature in the winter is 7.8°C (46°F) while the daily average maximum temperature in the summer is 36.1°C (97°F) (Sanders and Gabriel 1985). The annual average rainfall is 50.3 centimeters (cm) (19.8 inches [in]), based on precipitation data recorded from 1931 to 1979 at Laredo, Texas. Of the total annual precipitation, 35.6 cm (14 in), or 70 percent usually falls between April and September. Thunderstorms occur on about 40 days each year, usually in the summer.

FLORA AND FAUNA

The survey area is located within the Rio Grande Floodplain and Terraces Ecoregion of the Southern Texas Plains (Griffith et al. 2004). The Rio Grande Floodplain and Terraces Ecoregion is a relatively narrow ecoregion within Texas. The region consists of predominantly Holocene alluvium or Holocene and Pleistocene terraced deposits that have a mix of ustic to aridic, hyperthermic soils. The boundaries for the ecoregion were based on a combination of topographic, soils, and geology maps that were utilized to help distinguish the ecoregion from the adjacent upland portions of the Texas-Tamaulipan Thornscrub ecoregion (Griffith et al. 2007: 60).

Riparian forests within this ecoregion have declined through the years as natural flood events have been restricted by flood controlling diversions such as dams and diversions. Some floodplain forests have existed in the ecoregion in the past, particularly in the lower portion of region where is meets the Lower Rio Grande Alluvial Floodplain and include species such as sugar hackberry (Celtis laevigata), cedar elm (Ulmus crassifolia), and Mexican ash (Fraxinus berlandieriana). Brushy species from the adjacent Texas Thornscrub ecoregion are also found along the margins of the riparian forests including honey mesquite (Prosopis glandulosa), huisache (Acacia smallii), blackbrush (Acacia rigidula), and lotebush (Ziziphus obtusifolia), with some grasses such as multiflowered false rhodesgrass (Trichloris pluriflora), sacaton (Sporobolus wrightii), cottontop (Digitaria spp.), and plains bristlegrass (Setaria macrostachya). Near the river, the
wetter areas have black willow (*Salix nigra*), black mimosa (*Mimosa pigra*), common reed (*Phragmites australis*), the introduced giant reed (*Arundo donax*), and hydrophytes such as cattails (*Typha* spp.), bulrushes (*Scirpus* spp.), and sedges (*Carex* spp.). The wider areas of the floodplain have largely been transformed into cropland with cotton, grain sorghum, and cool-season vegetables (Griffith et al. 2007: 60).

Wildlife commonly found includes Texas horned lizard (*Phrynosoma cornutum*), Great Plains rat snake (*Elaphe guttata emoryi*), collared peccary (*Tayassu tajacu*), coyote (*Canis latrans*), white-tailed deer (*Odocoileus virginianus*), black vulture (*Coragyps atratus*), Harris’s hawk (*Parabuteo unicinctus*), and red-tailed hawk (*Buteo jamaicensis*).

**PALEOENVIRONMENT**

At the terminal Pleistocene, the South Texas environment is thought to have been like a parkland, with both grassland and forest elements. Large megafauna, such as mammoth and mastodon, as well as other now-extinct animal species, were present. After the end of the Pleistocene, the climate is thought to have been one of gradually increasing aridity. Temperatures during the early Holocene were similar to those today, with water more abundant and vegetation more open. The uplands were probably more open but with groves of mesquite and other trees, while along the streams there were concentrations of woody vegetation, as well as occasional mesquite thickets (Hester 1980). Wood species identification of hearth charcoal, mesquite was clearly present in riverine zones as early as 6000 years Before Present [B.P.] (Hester 2004). The mesquite and thorny shrubs began to dominate the south Texas countryside within the historic period. While some of this shift in vegetation can be attributed to the overall drying trend noted by some researchers, the primary influence of change has been human driven, particularly through agricultural and ranching activities (Presley 2003). Mesquite, though present previously in the area, expanded in distribution at the expense of grassland areas. At the same time, sources of surface water in the region were diminished. Animals available to prehistoric people in south Texas included bison (*Bison bison*), pronghorn (*Antilocapra Americana*), bear (*Ursus americanus*), and prairie chicken (*Tympanuchus cupido*). Other animals that are available today that were not available to prehistoric populations include the nine-banded armadillo (*Dasypus novemcinctus*). While Hester (1980, 2004) claims that the javelina (peccary) (*Pecari tajacu*) first appeared ca. Anno Domini (A.D.) 1400, a more recent examination of the archaeological record of the region conducted by Presley (2003:72) shows that javelina remains were present in South Texas as far back as the Late Archaic.

**GEOLOGY OF THE PROJECT AREA**

**Uvalde Gravel Deposit**

The current survey area is within the alluvium (Qt) geologic map unit (Figure 3). This geologic map unit is quaternary and occurs in alluvium and low terrace deposits along streams comprised of sand, silt and clay. The thickness of this geological map unit is variable (Barnes 1992).
Figure 2. Aerial photograph showing the mapped geologic units of the Laredo Road South and No Name Island survey areas.
SOILS OF THE PROJECT CORRIDOR

The mapped soil units present within the survey parcel consists of Rio Grande very fine sandy loam occasionally flooded (Rg) and Water (W) (U.S. Department of Agriculture [USDA] 2019) (Table 1; Figure 4).

<table>
<thead>
<tr>
<th>Map Unit</th>
<th>Soil Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rg</td>
<td>Rio Grande very fine sandy loam, occasionally flooded</td>
</tr>
<tr>
<td>W</td>
<td>Water</td>
</tr>
</tbody>
</table>

The Rio Grande very fine sandy loam, occasionally flooded soil series occurs on floodplain steps and its parent material is calcareous silty alluvium. The typical pedon for Rio Grande series soils has an Ap horizon that extends from 0 to 18 cmbgs (centimeters below ground surface) (0 to 7 inbgs [inches below ground surface]) and consists of a light brownish gray (10YR 6/2) (dark grayish brown [10YR 4/2] moist) silt loam with a weak fine subangular blocky structure. This Ap horizon is followed by two C horizons. The C1 horizon extends from 18 to 41 cmbgs (7 to 16 inbgs) and consists of a light brownish gray (10YR 6/2) (dark grayish brown [10YR 4/2] moist) silt loam with few strata silty clay loam that are less than 12 mm (1/2 inch) thick. The C2 horizon extends from 41 to 2013 cmbgs (16 to 63 inbgs) consisting of a pale brown (brown [10YR 4/3] moist) silt loam with thin strata and lenses of very fine sandy loam and silty clay loam (USDA 2009a).

Water is mapped for almost the entire No Name Island survey area which suggests the landform is fairly recent alluvial deposits.
Figure 3. Aerial photograph showing the mapped soil units of the Laredo Road South and No Name Island survey areas.
CHAPTER III:
CULTURAL CONTEXT

PREHISTORIC OVERVIEW

The project area is within the South Texas archaeological region. The prehistoric cultural chronology of south Texas archaeological region is split into six broad periods: Paleoindian, Early Archaic, Middle Archaic, Late Archaic, Late Prehistoric, and Protohistoric (Pertula 2004).

Paleoindian Period

The waning of the Ice Age, or Pleistocene, 11,000 years B.P., showed the first evidence of the Paleoindians in the south Texas area. Their culture would last until 8000 B.P. These first people relied upon hunting and gathering subsistence and moved as nomadic bands as the seasons changed following the availability of edible vegetation and game animals in the region. Archaeological sites have recovered the remains of multiple animals, including a broad range of fish, horse, bison, rabbit, turtle, lizard, ducks, rats, and other species that the Paleoindian people used for subsistence resources. It is believed that the Paleoindian population was sparsely distributed throughout the region, forming small groups that moved frequently across large areas (Black 1989; Hester 1989, 2004).

The Paleoindian cultural chronology is dependent on projectile points located on sites as being the primary classification for dates and occupational periods. Archaeological sites in the region for this period vary from early Paleoindian terrestrial sites to eroded late Paleoindian artifacts found on the surface mixed with later Archaic period artifacts. Some of the lithic artifacts recovered are the Folsom, Clovis, Golondrina, Barber, and Angostura projectile points that range in complexity from early fluted forms to stemmed points by the end of the cultural period. The late Paleoindian tools and the distinction of Early Archaic tools become harder to differentiate as lifestyles drift toward the beginning of the Archaic period (Black 1989; Hester 1989, 2004).

Early Archaic

Archaeological evidence of the Early Archaic period, 8000 to 4500 years B.P., suggests considerable increase of human population along with the change to a drier and warmer environment as compared to the evidence from the Paleoindian period. Hunting and gathering continued to be the way of life with the major change of this culture being in the designs of flint knapping. The new distinctive artifact styles found on archaeological sites include two unifacial tool varieties of Clear Fork and Guadalupe tools, notched net sinker or bola stones, Gower stemmed points, Early Corner-Notched, Early Expanding-Stem (Bandy, Martindale, Uvalde, and related forms), Early Triangular dart points, and large-barbed Bell projectile points. Specialized cooking apparatuses that use fired stone as heating elements began during this period, reflecting the sophistication of the culture adapting to the region and subsistence techniques (Black 1989; Hester 1980). Little or nothing is known about the settlement patterns of the Early Archaic in south Texas. Hester (2004) has subsequently defined two horizons that make up the Early Archaic: the Early Basal-Notched horizon followed by the Early Corner-Notched horizon. From
typological cross-dating of projectile point forms, the temporal span of the Early Corner-Notched horizon extends from ca. 8000 to 5500 B.P. In south Texas the Early Corner-Notched horizon is typified by corner-notched dart points with recurved or notched bases. These forms fit within the Martindale-Uvalde-Baker-Bandy continuum and, to a lesser extent, some specimens of the Gower type. Also associated with this Early Corner-Notched horizon are Guadalupe tools. The subsequent Early Basal-Notched horizon extends from ca. 5500 B.P. to 2500 B.P. This horizon is typified by dart points with deep basal notches, large barbs, and distinctive long stems. Recognized types of this horizon include the Bell and Andice types and possibly Early Triangular bifaces, which may first appear in the Early Corner-Notched horizon and extend into this later horizon. Other recognizable traits of this horizon include large unifacial Clear Fork tools, as well as smaller forms and multinothed “eccentric” Bell/Andice specimens (Hester 2004).

**Middle Archaic**

The artifact assemblages of the Middle Archaic period, 4500 to 2400 years B.P., are dominated by Triangular dart points, known as Tortugas and Abasolo, along with regionally specific types such as the Carrizo (Black 1989; Hester 2004). These newer designs can equally be used as knives or as tips on darts, spears, or lances, possibly for hunting bison that migrated into the region during the early part of the Middle Archaic period. In the northern portion of the south Texas region, Middle Archaic sites are often identified by the presence of stemmed points that can be cross-dated with projectile points from central Texas (Pedernales and Lange), the Lower Pecos (Langtry), and the central coastal plain (Morhiss). Utilitarian lithic tools associated with this period include smaller unifacial distally beveled tools, as well as some bifacial distally beveled tools (Hester 2004). There is evidence of repeated reworking and resharpening of these tools. Hester (2004) suggests that these tools may have been used primarily for woodworking. Ground stone artifacts such as tubular stone pipes, grinding slabs, and manos are common at Middle Archaic sites, as well as in later contexts (Black 1989).

The subsistence data available, particularly from the Choke Canyon Reservoir area, suggests that plant resources were heavily utilized during this period. This is reflected in the increase in formal hearths, earth ovens, and burned rock accumulations. Data recovered at Choke Canyon from wood species identification from charcoal suggest the use of beans and nuts of mesquite, acacia, oak, and hackberry (Hester 2004). Other faunal resources include land snails, freshwater mussels, deer, and other mammals (Black 1989).

Data on settlement patterns from study areas such as Choke Canyon, Caparrosa, and East Chacon, suggest that Middle Archaic open camp sites are found predominantly along present or relict stream channels, with sites in the later part of the Middle Archaic being found on floodplains, low terraces, and natural levees of present stream courses. Burial practices during this period involved interment in cemeteries such as Loma Sandia. By the later Middle Archaic period, climatic evidence suggests that the environment shifted to one of the driest environments ever experienced in the region.
Late Archaic

Climate during the Late Archaic period, ca. 2400 B.P. to A.D. 600/700, slowly changed to a moister environment with some of the vegetation from the arid period remaining in the western reaches of Texas. Artifacts recovered from Late Archaic sites within the south Texas plains include small, corner- or side-notched dart points including Ensor, Frio, Marcos, Fairland, Shumla, Montell, and Ellis dart points. Other artifacts noted during this period include Olmos bifaces, small triangular gouge-like tools with specialized resharpening techniques, which may have also continued to be used into the Late Prehistoric period (Hester 2004). Small distally beveled tools, such as Nueces scrapers, are also present in Late Archaic contexts, as well as limited numbers of corner tang bifaces (Black 1989). Late Archaic sites also have extensive deposits of fire-cracked rock (FCR), including both hearth and earth ovens, as well as grinding implements such as manos and metates.

Subsistence data, as well as the presence of extensive deposits of FCR and grinding implements noted above, suggest a further intensification of the exploitation of mesquite and acacia beans, as well as other plant resources. Faunal data from the Late Archaic contexts show the exploitation of small animals, such as rodents, rabbits, turtles, fish, lizards, snakes, and deer. Rabdotus snails and mussels also continue to be common food sources.

Population density continued to rise during the Late Archaic, and camp sites, similar to the later part of the Middle Archaic, are found concentrated adjacent to present stream channels or adjacent sloughs. Cemeteries continue to be used during this period. There is evidence of regional trade occurring during this period, particularly in central Texas (Black 1989; Hester 1980, 2004).

Late Prehistoric and Protohistoric

During the Late Prehistoric period (A.D. 800 to A.D. 1600) the Late Archaic small, expanding stem dart points were replaced with still smaller expanding stem Late Prehistoric arrow points. The differences in typology are difficult to discern in the early portion of the Late Prehistoric period. Hester (2004) provides an example where Middle Archaic type “dart points,” such as Ensor, Matamoros, Catan, and Zavala, often occur in contexts that are otherwise Late Prehistoric, or in some cases in very late parts of the Late Prehistoric period. A distinctive artifact that does appear during this period is the arrow shaft straightener or spokeshave. This artifact is usually made of limestone and is often broken from repeated reheating during the arrow-straightening process (Hester 2004).

The Late Prehistoric can be divided into two time periods termed the Austin and Toyah horizons. The Austin horizon dates between roughly A.D. 800 and A.D. 1350, while the Toyah horizon dates after A.D. 1250/1300 (Black 1989; Hester 2004). The Toyah horizon is the best documented Later Prehistoric pattern in the South Texas region. Cultural traits noted for Toyah sites included Perdiz points, small end scrapers, flake knives, beveled knives, bone-tempered pottery, perforators made on flakes, ceramic figurines, pipes, marine shell and freshwater mussel shell ornaments, tubular bird bone beads, and spatulate objects made on bison bone fragments (Hester 2004). Faunal material recovered from Toyah sites includes abundant bison bone, though white-tailed deer may have been more extensively hunted, along with pronghorn and a
variety of smaller game. Turtles, freshwater mussels, and land snails also continue to be part of the diet. Sites, like in the latter part of the Middle Archaic, as well as the Late Archaic periods, are located along present stream channels or nearby sloughs, often buried just under the surface of natural levees. The later part of the Late Prehistoric period, which includes the Toyah horizon, also shows evidence of south Texas connections to a north-south Plains trade network (Hester 2004).

By the early nineteenth century the native peoples of the area were either culturally or biologically extinct or displaced. As a result, the information on the historic Native American populations of the area is derived predominantly from historic documents from Spanish expeditions, missionaries, and the earliest Anglo-European explorers and settlers. The Coastal Bend subarea was inhabited by several different groups of Native Americans during the Historic period, including the Coahuiltecans, Karankawas, Lipan Apaches, and Tonkawas. These groups were subdivided into numerous smaller bands including the Atakapa, Borado, Cavas, Capoque, Emet, Kohani, Kopani, Malaquite, Payata, and Sana Tamique, as well as others (Hester 1989; Newcombe 2002).

HISTORIC OVERVIEW

The historic chronology of the South Texas region can be divided into five temporal periods. These historic periods are defined by distinct artifact assemblages along with historic archival and documentary evidence. A brief overview of these periods is presented below.

- Spanish Exploration period A.D. 1535 to 1659
- Spanish Colonial period A.D. 1659 to 1821
- Mexican Colonial period A.D. 1821 to 1836
- Texas Republic and Nineteenth Century American period A.D. 1836 to 1900
- Twentieth Century American period A.D. 1900 to present

Spanish Exploration Period

The Spanish Exploration period begins with the presence of European explorers, mostly of Spanish descent, in the Coastal Bend region. The first Europeans thought to enter the area were Alvar Nuñez, better known as Cabeza de Vaca, along with three companions (Sánchez 1992). The Panfilo de Narváez expedition, of which Cabeza de Vaca was a member, was shipwrecked on the upper Texas coast, at a location described as the Isla del Malhado (Sánchez 1992; Hester 1999). The Isla del Malhado was probably Galveston Island or a nearby island, given the known ethnohistoric and archaeological record (Hester 1999). There is disagreement among historians, anthropologists, and archaeologists on the route taken by Cabeza de Vaca’s group across Texas. The Krieger route, which takes Cabeza de Vaca from the upper and central Texas coast, through south Texas, into northeastern Mexico, and perhaps back into west Texas, is the most probable of all the routes proposed given the archaeological and ethnohistoric record (Hester 1999). By 1535, Cabeza de Vaca and his three companions crossed south Texas, reaching different points along the Rio Grande (Sánchez 1992).
The Spanish Colonial Period

No real attempts by Europeans to settle the area were made until the late seventeenth century in response to a French settlement established by René Robert Cavelier, Sieur de La Salle, on the Texas coast in 1685. After an unsuccessful attempt at establishing missions in east Texas during the latter part of the seventeenth century, the Spanish decided that a three-pronged approach that included mission, presidio, and civilian settlement would be the best strategy to establish a Spanish presence in the area. The Corpus Christi Bay remained unexplored until 1747, when Joaquín Prudencio de Orobio y Basterra led an expedition down the Nueces River to its mouth. After several failed attempts, the first settlement in the area was founded by Blas María de la Garza Falcón in 1766. He established a ranch called Santa Petronila, on Petronila Creek. Despite many ranchers from the Rio Grande Valley applying for and receiving land grants in the lower Nueces Valley during the end of the eighteenth century, the area was slow to develop. By 1794, a large ranch belonging to Juan Barrera, known as Rancho de Santa Gertrudis, was established on the north side of Corpus Christi Bay. An Indian uprising in 1812 forced many of the colonists to seek refuge in the RGV. Hostilities with the Comanches and Lipans in the area continued until the end of Spanish Control of the region (Long 2010; Fox 1989).

Mexican Colonial Period

With Mexican independence in 1821, the region became part of Tamaulipas. Remaining land in the area was deeded to individuals by the Tamaulipan government. After several unsuccessful attempts to establish settlements in the area, Fort Lipantitlán was established in 1831 where the road from Matamoros to Goliad crossed the river. Both Irish and German settlers also moved into the area during the 1820s and 1830s (Long 2010; Fox 1989).

Texas Republic and Nineteenth Century American Period

The Texas Republic period began in 1836 after the Texas Revolution. During this time, the region became a “no man’s land” with both Mexican and Texan merchants engaging in illegal trading within the Nueces Valley. Henry Lawrence Kinney established a trading post and fort on Corpus Christi Bay in 1839 in what would become Corpus Christi. By 1842, a post office had opened, and in 1845 the settlement experienced a brief boom, though population declined after the Mexican War (Long 2010; Fox 1989).

The Mexican War began only 3 months after Texas’ formal annexation to the United States. The primary issue involved in the conflict was the border between Mexico and the United States. When Texas gained its independence from Mexico in 1836, it claimed the Rio Grande as its southern boundary. In contrast, the Mexican government considered the Nueces River as the border. In March 1846, under orders from the president, General Zachary Taylor moved his troops from Corpus Christi to Brazos Santiago near the mouth of the Rio Grande. The Mexican government considered this movement of troops as an act of invasion and engaged the troops in battle at Palo Alto and Resaca de la Palma on May 8 and 9, 1846. This prompted the U.S. Congress to pass a declaration of war, and hostilities moved south into Mexico. The war ended with the Treaty of Guadalupe Hidalgo from which the United States gained California, Arizona, New Mexico, and the Rio Grande boundary for Texas, as well as portions of Utah, Nevada, and Colorado. The United States established a series of military posts along the Rio Grande as a line of defense against further armed incursions into Texas. These included Camp Ringgold (Fort
Ringgold), Fort Brown, Camp Crawford (Fort McIntosh), and Fort Duncan (Bauer 2011; THC 1993).

During this period, large-scale ranching rapidly became one of the major bases of the economy (Long 2010; Fox 1989). Large ranches such as Toluca Ranch and King Ranch were established in the region. King Ranch ranks as one of the most outstanding and best known of all cattle enterprises in the history of the southwestern cattle frontier. In 1852, Richard King purchased several tracts of land fronting Santa Gertrudis Creek. The first grant obtained was the Ricón de Santa Gertrudis, consisting of approximately 6,273 ha (15,500 ac) of land at the junction of the Santa Gertrudis and San Fernando creeks near where they join Laguna Madre. This parcel included the area of present-day Kingsville. King also purchased Santa Gertrudis de la Garza consisting of approximately 1,619 ha (4,000 ac) of land. It was on this land that King would begin his cattle operation. In 1860, King founded R. King and Company, along with partners James Walworth and Mifflin Kenedy, which joined all the land titles of James Walworth, King and his wife Henrietta, as well as Mifflin Kenedy (Coalson 2010; Chessman 2010; THC 1966). The Toluca Ranch was founded in 1880 by Florencio Saenz (1836 to 1927) on part of the Llano Grande (Big Plain) Grant which was deeded to Juan Jose Hinojosa Balli by the Spanish Crown in 1790. Saenz, a direct descendant of the Balli family, purchased a total of 6,434 ha (15,898 ac) of land to establish his ranch through multiple purchases (THC 1983).

The sectional controversies that divided the North and South in the 1850s troubled and divided Texans. The secession convention met in Austin on January 28, 1861, and was dominated by secessionists. On February 1, 1861, the delegates adopted an ordinance of secession, and on February 23, the ordinance was approved by the voters. Sam Houston, the Governor of Texas at that time and a Unionist, refused to recognize the authority of the convention and take an oath of allegiance to the new government. In response, the convention declared the office of governor vacant and elevated Lieutenant Governor Edward Clark to the position (Wooster 2011). During the Civil War, King and his partners entered into several contracts with the Confederate government to supply European buyers with cotton while they, in return, supplied Confederate forces with beef, horses, imported munitions, medical supplies, clothing, and shoes. King, who also owned a steamship company, moved operations of the steamship to Matamoros under Mexican registry, which successfully avoided Union blockades for the most part. At the end of the war, King fled to Mexico, returning after securing his pardon from President Andrew Johnson in 1865 (Coalson 2010; Chessman 2010; THC 1966).

Twentieth Century American Period

By 1903, the St. Louis, Brownsville, and Mexico Railway was being built through south Texas to Brownsville, and Henrietta King opened several tracts of her land for sale. Florencio Saenz also granted right-of-way (ROW) over his property for the railroad in 1904. With the introduction of the railroad, the economic base of the area began to change from ranching to farming and dairying. The population continued to rapidly grow in the region during the early part of the twentieth century. Several industries, particularly the oil and gas industry, in the early to middle twentieth century prompted additional large population growth in the region (Stokes et al. 2009).
CHAPTER IV:
METHODOLOGY

FIELD METHODS

Prior to the initial fieldwork, an archival records check was performed using the *Texas Archeological Site Atlas* maintained by the THC. Previously conducted archaeological investigations, archaeological sites, National Register of Historic Places (NRHP)-listed properties, Recorded Texas Historic Landmarks (RTHLs), Official Texas Historical Markers (OTHMs), and Historic Texas Cemeteries (HTCs) were examined to see if any were recorded within the APE. This information was used to identify any resources that may be affected by the proposed road upgrade and vegetation removal projects. In addition, the information also provided insight into the types of resources that may be encountered during the surveys. Project historians also examined the Historic American Buildings Survey and Historic American Engineering Record of the National Park Service (NPS), as well as historic maps and subdivision plats documenting the historic development of the respective study areas.

An archaeological resource survey was conducted across the entire APE of the two survey areas. Also, a pedestrian walkover was conducted to further examine the APE. Shovel testing was conducted in accordance to the *Archaeological Survey Standards for Texas* published by the THC and included STPs excavated at 16 per mile in accordance with linear surveys for the No Name Access Road corridor and at three STPs per acre for the No Name Island survey area. As a result, four STPs were excavated along No Name Access Road corridor and five STPs were excavated within the No Name Island survey area. STPs measured 30 cm by 30 cm and were excavated to the base Holocene deposits where possible. All material was screened through ¼ in mesh screens and STPs were backfilled upon completion. Summaries of all the STPs excavated during the survey are presented in Appendix A. Any recovered cultural material was analyzed in the field and returned to where it was originally found on the surface or in a STP. Material lacking distinctive historic attributes (such as clear glass shards, amber glass shards, aluminum, etc.) was determined to be modern in the field. As a result, those materials were not considered to be archaeological resources.

Photographic data of the general survey area was also collected. Photographs were taken utilizing a digital camera with a minimum of 8 megapixels of resolution. Images were submitted in JPEG or TIFF format at 300 dots per inch or greater resolution. Images of poor quality were not submitted if there were other images of superior quality available. A survey photo log was maintained for the duration of the study. The survey photo log was sequentially numbered and included the cardinal directions of the image, the subject, and the date the image was taken.
CHAPTER V:
PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS

PREVIOUSLY CONDUCTED ARCHAEOLOGICAL INVESTIGATIONS

Eight archaeological investigations were on record with the *Texas Archeological Sites Atlas* within a 10.8-kilometer (km) (0.5-mile) radius of the proposed survey areas (Table 1; Figure 5) (THC 2018). The predominance of this research has been contract work focused on compliance with Section 106 of the NHPA. Two of the investigations overlap with the current survey area, Atlas numbers 8500001043 and 8500013384. Little information was available for Atlas Number 8500001043 in the Texas Archeological Database beyond that it was a survey conducted for the U.S. Environmental Protection Agency and the Texas Department of Water Resources in 1982. The project overlapped with the western portion of the No Name Access Road survey corridor. The second project, 850013384 overlaps with the eastern portion of the No Name Access Road survey corridor and was conducted under Texas Antiquities permit number 3351. The survey consisted of pedestrian survey and the excavation of nine STPs within a 12.86 acre project area for a park improvement project. While three archaeological sites were identified nearby, none of the archaeological sites were determined to be impacted by the proposed project. Surface inspection of the area and the excavation of STPs only identified modern material within the survey area.

Table 2. Previously Conducted Archaeological Investigations Recorded Within 0/8 Kilometers (0.5 Mile) of the Survey Areas.

<table>
<thead>
<tr>
<th>Atlas Number</th>
<th>Title/Sponsor</th>
<th>Project Type</th>
<th>Texas Antiquities Commission Permit</th>
<th>Sites Discussed</th>
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</thead>
<tbody>
<tr>
<td>8500001038</td>
<td>Corps of Engineers-Fort Worth District</td>
<td>Survey</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>8500001043</td>
<td>U.S. Environmental Protection Agency, Texas Department of Water Resources</td>
<td>Survey</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>8500001044</td>
<td>Corps of Engineers-Fort Worth District</td>
<td>Survey</td>
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<td>NA</td>
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<tr>
<td>8500001045</td>
<td>U.S. Environmental Protection Agency</td>
<td>Survey</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>8500001046</td>
<td>U.S. Environmental Protection Agency</td>
<td>Survey</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>850013384</td>
<td><em>A Cultural Resources Survey of a Proposed Addition to the Zacate Creek Linear Park in Webb County, Texas — Webb County, Texas Parks and Wildlife Department, City of Laredo</em></td>
<td>Survey</td>
<td>3351</td>
<td>None</td>
</tr>
<tr>
<td>850015019</td>
<td><em>A Cultural Resources Survey of 50 Acres for the Slaughter Park Construction Project, City of Laredo, Webb County, Texas, City of Laredo</em></td>
<td>Survey</td>
<td>4731</td>
<td>41WB83</td>
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<tr>
<td>8500025734</td>
<td>U.S. Customs and Border Protection</td>
<td>Survey</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

Source: THC 2019
This page contains Restricted Cultural Resource Information and was removed in accordance with Texas Administrative Code, Title 13, Part 2, Chapters 24 and 26.
PREVIOUSLY RECORDED ARCHAEOLOGICAL AND HISTORIC RESOURCES

There are three previously recorded archaeological sites and one NRHP-listed historic district located within 0.8 kilometer (0.5 mile) of the survey area (Table 2; Figure 5). None of the archaeological and historic resources overlap with the current survey area.

Table 3. Previously Recorded Archaeological Sites and Historic Properties Within 0.8 Kilometers (0.5 Mile) of the Survey Area.

<table>
<thead>
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<th>Atlas Number</th>
<th>Number/Name</th>
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<tr>
<td>9479005401</td>
<td>41WB54</td>
<td>Undetermined</td>
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<tr>
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<td>41WB55</td>
<td>Undetermined</td>
</tr>
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<td>9479008301</td>
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<table>
<thead>
<tr>
<th>Atlas Number</th>
<th>Number/Name</th>
<th>Designation/Eligibility</th>
</tr>
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<tbody>
<tr>
<td>2003000431</td>
<td>Barrio Azteca Historic District</td>
<td>NRHP Listed District</td>
</tr>
</tbody>
</table>

Source: THC 2019
CHAPTER VI:
RESULTS OF THE SURVEY

The intensive archaeological survey was conducted by Mr. John Lindemuth, Mr. Nathan Bray, and Mr. Orion Stand-Gravois of GSRC on August 9, 2019. Overall ground visibility was poor for both the No Name Access Road and No Name Island survey areas and ranged from 20 to 30 percent across the majority of the survey areas (Photographs 1 and 2). The survey included pedestrian surface inspection of 100-percent of the APE and the excavation of four STPs along the No Name Access Road survey corridor and five STPs within the No Name Island survey area (Figure 6). None of the nine STPs excavated during the survey were positive for cultural material (see Appendix A). Modern material was noted in some of the excavated STPs and consisted of plastic, colorless glass, and synthetic cloth fragments. Modern material was also noted throughout the area during the surface inspection.

Photograph 1. Photograph showing an overview of the Laredo Road South Project Area.
Photograph 2. Photograph showing an overview of the No Name Island Survey Area.
Figure 6. Aerial photograph showing the shovel test pits excavated during the survey of the Laredo Road South and No Name Island survey areas.
CHAPTER VII:
SUMMARY AND RECOMMENDATIONS

GSRC personnel conducted an intensive archaeological survey of a 0.25-mile-long, 60-foot-wide corridor in support of CBP’s proposed road upgrade project of No Name Access Road and of a 1.12-acre parcel called No Name Island in support of CBP’s vegetation clearing project. The intensive archaeological survey included background research of the physical environment, cultural history of the area, previous investigations and previously reported cultural resources, and field survey. Field survey included pedestrian surface inspection supplemented with the excavation of STPs.

Background research revealed eight investigations have been previously conducted and 10 sites have been previously recorded within a 1.0-mile radius of the proposed project area. Two of the previously conducted archaeological surveys overlapped with portion of the No Name Access Road survey area and no previously recorded archaeological sites or historic resources were identified in either of the survey areas.

During the field survey, the pedestrian survey encountered no archaeological resources on the ground surface in either survey area. Modern, dispersed materials were noted throughout both corridors. The subsurface testing consisted of the excavation of nine STPs across the two survey areas, none of which were positive for cultural resources.

As a result of this investigation, no cultural resources were identified within the proposed project areas. Given the results of the archaeological survey it is anticipated that the proposed projects will have no effect on cultural resources and no further work is recommended. If archaeological material is inadvertently discovered during the No Name Access Road road improvement project or vegetation removal on No Name Island, the Texas State Historic Preservation Officer (SHPO) should be notified immediately and all work should cease in the vicinity of the find until a professional archaeologist can examine and assess the importance of the inadvertent discovery.
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Soil Survey Staff

Stokes, Anne V., Brenda Swann, Monte Kim, Len E. Winters, and Norma Barrera

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### Table A-1: Shovel Test Log

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<th>Transect</th>
<th>Excavator</th>
<th>Date</th>
<th>Soil Profile</th>
<th>+/-</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1</td>
<td>OSG</td>
<td>8/9/2019</td>
<td>1: 0-45 cmbgs brown (10YR 5/3) clay loam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-2</td>
<td>OSG</td>
<td>8/9/2019</td>
<td>1: 0-50 cmbgs brown (10YR 5/3) clay loam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-3</td>
<td>OSG</td>
<td>8/9/2019</td>
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<td></td>
</tr>
<tr>
<td>1-4</td>
<td>OSG</td>
<td>8/9/2019</td>
<td>1: 0-45 cmbgs brown (10YR 5/3) clay loam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-1</td>
<td>NB</td>
<td>8/9/2019</td>
<td>1: 0-25 cmbgs grayish brown (10YR 5/2) clay loam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-2</td>
<td>JFL</td>
<td>8/9/2019</td>
<td>1: 0-21 cmbgs light brownish gray (10YR 6/2) sandy loam; 2: 21-81 cmbgs brown (10YR 5/3) sandy loam</td>
<td></td>
<td>Deep alluvial probably recent sediment to 81 cmbgs</td>
</tr>
<tr>
<td>2-3</td>
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<td>8/9/2019</td>
<td>1: 0-30 cmbgs brown (10YR 4/3) sandy loam</td>
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<td>JFL</td>
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<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
</tr>
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