



OKLAHOMA DEPARTMENT OF TRANSPORTATION

Environmental Programs Division

200 N.E. 21<sup>st</sup> Street  
Oklahoma City, OK 73105-3204  
www.odot.org

DATE: February 23, 2022  
TO: NEPA Project Manager  
FROM: Hazardous Waste Coordinator  
SUBJECT: **Request for Project Plans**

**Bridge and Approaches: US-70 over Lake Texoma (Roosevelt Bridge); Bryan Co.;  
JP#33873(04)**

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An Initial Site Assessment (ISA) has been performed for the subject project. The ISA identified potential environmental concerns adjacent to the study area. Based on the available data, contamination may be present within the immediate vicinity of the project study area.

Review of project design plans is necessary to determine what effect these identified sites may have on the project. Please provide a copy of the ROW/Utilities design drawings as they become available.

EMM

# OKLAHOMA DEPARTMENT OF TRANSPORTATION CONSULTANT REPORT REVIEW – HAZARDOUS WASTE

**Reviewed By:** Evan Mace  
**Review Date:** 2/23/2022  
**Consultant:** Garver

**County:** Bryan  
**J/P Number:** 33873(04)

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**1. PROJECT DESCRIPTION:** Bridge and Approaches: US-70 over Lake Texoma (Roosevelt Bridge)

**2. LEVEL OF INVESTIGATION:**     Recon                       Assessment                       Sampling

### 3. SUMMARY OF INVESTIGATION

- A. Relative risk of contamination in study footprint:     Low     Moderate     High  
B. Potential for contamination, if present, to affect project:  Low     Moderate     High  
C. Did Consultant recommend additional work?     No     Yes (describe below):

Terracon recommended additional investigation of the Catfish Bay Marina Mart UST site to determine subsurface conditions.

### 4. RECOMMENDATIONS\*:

- Approval to Proceed (No Further Action)  
 Approval to Proceed, Pending:  
     Avoidance of described site(s)  
     Plan Notes regarding described site(s) (See Section 5)  
     Additional investigation by ODOT  
 Approval NOT Recommended

\* - If different from Consultant, explain in Section 6 General Comments

**5. PLAN NOTES:** Project RW plans are needed to determine if plan notes are necessary.

**6. GENERAL COMMENTS:** An ISA was performed by Terracon which identified the Catfish Bay Marina Mart as a REC to the project. This site is an OCC registered UST facility which is still in operation. Terracon recommended subsurface investigation of the site, however, there have been no cases opened against the site and the proposed work for the project has not yet been determined. It is unlikely that this site will affect construction but project RW plans will need to be reviewed to determine this with more certainty. A request for project RW plans for review is attached.

**ATTACH EXCERPTS FROM REPORT, AS APPROPRIATE.\***

\*The full document is on file with ODOT's Environmental Programs Division. Please contact David Edwards at (405) 521-2673 or [daedwards@odot.org](mailto:daedwards@odot.org) for more information.

Revised 04/28/2014

# Initial Site Assessment

US-70 over Lake Texoma

ODOT JP 33873(04)

Marshall and Bryan County, OK

December 27, 2021

Terracon Project No. 03207182



**Prepared for:**

Garver LLC

Tulsa, Oklahoma

**Prepared by:**

Terracon Consultants, Inc.

Oklahoma City, Oklahoma

[terracon.com](http://terracon.com)

**Terracon**

Environmental



Facilities



Geotechnical



Materials

## **EXECUTIVE SUMMARY**

This Initial Site Assessment (ISA) was performed in accordance with our Master Services Agreement dated July 27, 2020 and Terracon Proposal No. P03207182 dated November 6, 2020 and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and in general conformance with Oklahoma Department of Transportation's (ODOT's) *Hazardous Waste Scope of Services* dated September 18, 2014. The ISA was conducted under the supervision or responsible charge of Philip D. Wood, Environmental Professional. Victoria R. Jolly performed the site reconnaissance on December 2, 2021.

### **Findings and Opinions**

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

#### Site Description and Use

The site includes an approximate 4.5-mile long stretch of US-70 over Lake Texoma, approaches to the bridge, a filling station located south of the main roadway, vacant land, wooded land, and portions of Lake Texoma to the north and south of the roadway. The site is approximately 415 acres.

The existing bridge on US-70 over Lake Texoma (NBI 10965) is a 24-foot wide 87-span bridge consisting of a Warren through truss central span, 63 steel girder spans, and 23 tower spans. The bridge has a sufficiency rating of 42.3 and is at risk of becoming structurally deficient. The bridge is classified as functionally obsolete. The vertical clearance on the truss span is 14 feet 9 inches which does not meet today's standards. The bridge has been determined eligible for listing in the National Register of Historic Places. The US-70 approach roadway is 38 feet wide, consisting of two 12-foot-wide driving lanes and 7-foot-wide shoulders. The existing average annual daily traffic (AADT) on US-70 is 8,500 vehicles per day (vpd) with a 20-year future projected AADT of 13,200 vpd. The purpose of this project is to correct the narrow, at-risk bridge, provide adequate vertical clearance, and accommodate existing and future traffic demand.

Because the bridge is an eligible historic resource, several alternatives to improve the existing bridge are under consideration. These alternatives include rehabilitation (including a widened option), reuse as part of a one-way pair, reuse as a pedestrian/bicycle facility, and preservation as a historic monument. Should none of these alternatives be determined prudent or feasible, replacement options will be considered. New right-of-way will be required. The roadway will remain open during construction.

## Initial Site Assessment

US-70 over Lake Texoma JP 33873 (04) ■ Bryan and Marshall Counties, OK  
December 27, 2021 ■ Terracon Project No. 03207182



### Historical Information

Based on a review of the historical information, the site was historically developed with the existing US-70 roadway and bridge built in 1942, and Lake Texoma was created in 1945. Vacant land and portions of adjoining roadways and properties were visible from at least 1952. By 1963, a portion of an outdoor amphitheater was present on the southwestern portion of the site in addition to a potential commercial building or filling station. By 1981, the amphitheater was no longer visible and the existing filling station on the southwest portion of the site was apparent. The site has since remained developed with the roadway and bridge over the lake, a filling station, vacant and wooded lands, and portions of adjoining roadways and properties.

The surrounding area was historically developed with roadways, vacant land, and wooded land from at least 1952. By 1963 a residence and campgrounds were visible to the north of the site and an airplane landing strip, amphitheater, and commercial building were visible to the south of the site. The amphitheater was no longer present in 1981. A golf course was developed to the south of the site by 1984, an amusement park was developed to the east by 1995, and another golf course was developed to the north of the site by 2003. The large commercial building to the south was not visible by 2010 and appeared to be a vacant lot since. Since 2010, the adjoining properties have remained relatively similar.

### Records Review

Selected federal and state environmental regulatory databases, as well as responses from state and local regulatory agencies were reviewed. The site was not identified in the regulatory databases. Based on distance, environmental setting and/or facility characteristics, the remaining identified facilities and inquiry results from the local agencies do not constitute RECs in connection with the site at this time.

### Site Reconnaissance

During the site reconnaissance Lake Texoma, pole-mounted transformers, four monitoring wells, two solid waste disposal dumpsters, three USTs, and one AST was observed. Based on the age and potential for a release, the three USTs located at Catfish Bay Marina Mart represent a moderate-risk REC to the site. Based on visual observations during the site reconnaissance, the remaining observations do not represent RECs in connection with the site.

### Adjoining Properties

The adjoining properties were observed to consist of vacant and commercial properties to the east and west, and wooded land and Lake Texoma to the north and south. RECs were not observed in connection with the adjoining properties.

## Significant Data Gaps

No significant data gaps were identified.

## Initial Site Assessment

US-70 over Lake Texoma JP 33873 (04) ■ Bryan and Marshall Counties, OK  
December 27, 2021 ■ Terracon Project No. 03207182



## Conclusions

We have performed an ISA consistent with the procedures included in ASTM Practice E 1527-13 and in general conformance with *ODOT's Hazardous Waste Scope of Services* dated September 18, 2014 at US-70 over Lake Texoma, Marshall and Bryan Counties, Oklahoma, the site. The following Recognized Environmental Conditions (RECs) or Controlled RECs (CRECs) were identified in connection with the site:

### High Risk:

- No high-risk RECs were identified.

### Moderate Risk:

- On-site USTs and filling station: The Catfish Bay Marina Mart, located at 2048 Marine Road on the site, was identified as currently operating two 5,000-gallon gasoline USTs installed in approximately 1976 and one 4,000-gallon gasoline UST installed on January 25, 1988. Numerous notices of violations have been issued in the past that have been resolved, the majority of which pertain to the presence of water in the USTs or leak detection compliance. Based on the age of the tanks (33 and 45 years old), the documented water intrusion issue, and the material threat of release on the site, the USTs at this facility represent a moderate-risk REC to the site.

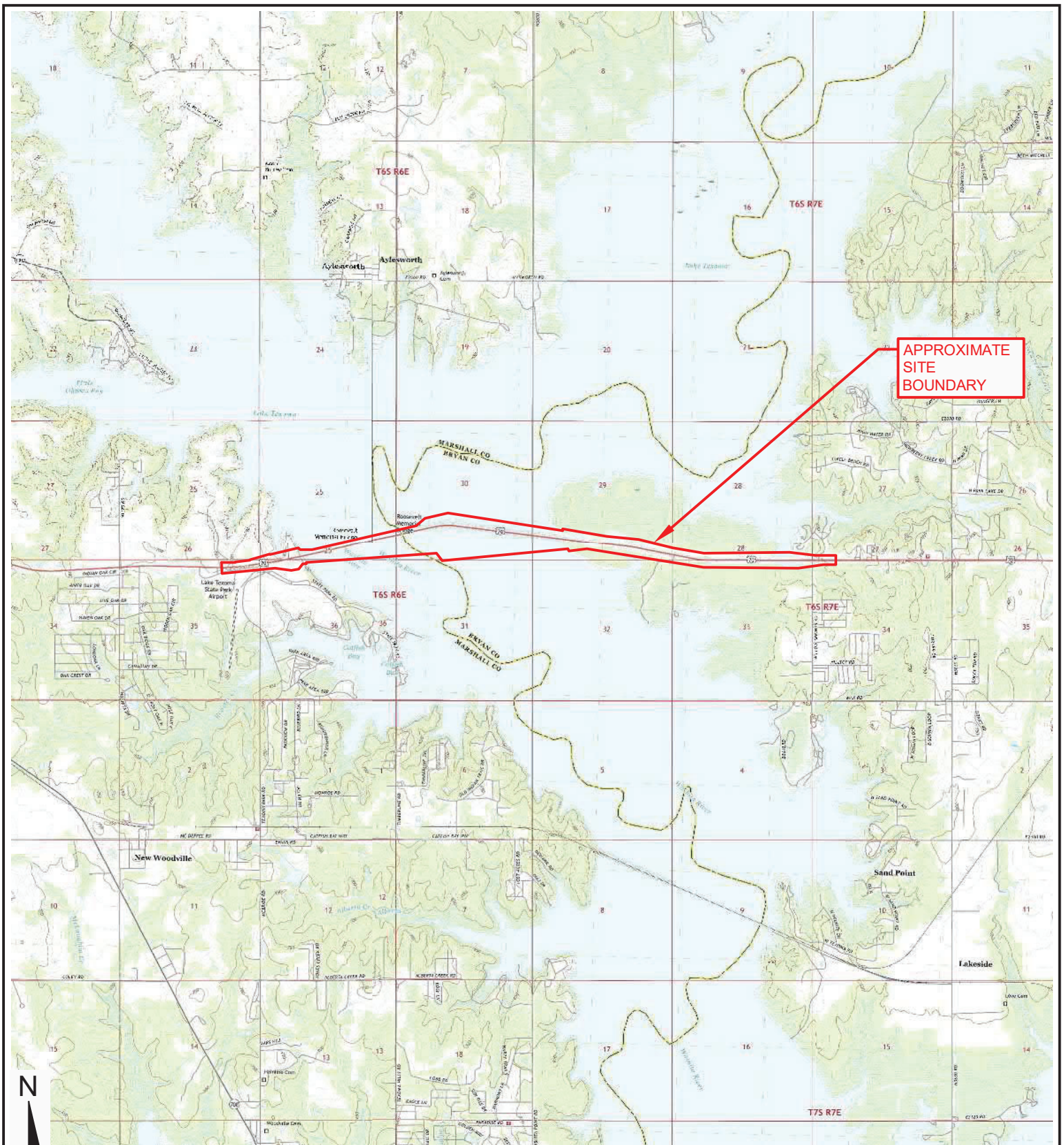
### Low Risk:

- No low-risk RECs were identified.

## Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon recommends the following additional actions:

- **Additional Investigation:** Terracon recommends conducting additional investigation to evaluate subsurface conditions associated with the identified REC.



APPROXIMATE  
SITE  
BOUNDARY

U.S.G.S. 7.5 MINUTE SERIES TOPOGRAPHIC MAP  
STATE OF OKLAHOMA QUADRANGLES  
KINGSTON NORTH 2018  
LITTLE CITY 2019  
KINGSTON SOUTH 2018  
PLATTER 2018



DIAGRAM IS INTENDED FOR GENERAL USE ONLY, AND IS NOT FOR CONSTRUCTION PURPOSES. LOCATIONS ARE APPROXIMATE.

Project Mng:	VRJ	Project No.	03207182
Approved By:	VRJ	Scale:	1" = 5,000'
Checked By:	VRJ	Date:	12/10/2021
Drawn By:	DBM	File No.	03207182E1.DWG

**Terracon**  
Consulting Engineers and Scientists

4701 N. Stiles Ave Oklahoma City, OK 73105  
PH. (405) 525-0453 FAX. (405) 557-0549

**TOPOGRAPHIC MAP**  
CI-2262 US-70 LAKE TEXOMA  
US-70  
KINGSTON, OKLAHOMA

EXHIBIT

1



**LEGEND**

--- APPROXIMATE SITE BOUNDARY

- ① 6303 US-70, VACANT
- ② CATFISH BAY MARINA MART
- ③ LAKE TEXOMA ASSOCIATION
- ④ JOHNSON CREEK CAMPGROUNDS
- ⑤ LAKE TEXOMA LODGE AND RESORT
- ⑥ RESIDENTIAL



DIAGRAM IS INTENDED FOR GENERAL USE ONLY, AND IS NOT FOR CONSTRUCTION PURPOSES. LOCATIONS ARE APPROXIMATE.

Project Mgr: VRJ	Project No: 03207182	 <b>Terracon</b> Consulting Engineers and Scientists 4701 N. Silas Ave Oklahoma City, OK 73105 PH (405) 525-0663 FAX (405) 527-5565	<b>SITE DIAGRAM</b>		<b>EXHIBIT</b>  <b>2</b>
Approved By: VRJ	Scale: 1" = 1,500'		CI-2262 US-70 LAKE TEXOMA		
Checked By: VRJ	Date: 12/10/2021		US-70		
Drawn By: DBM	File No: 03207182E2.DWG		KINGSTON, OKLAHOMA		

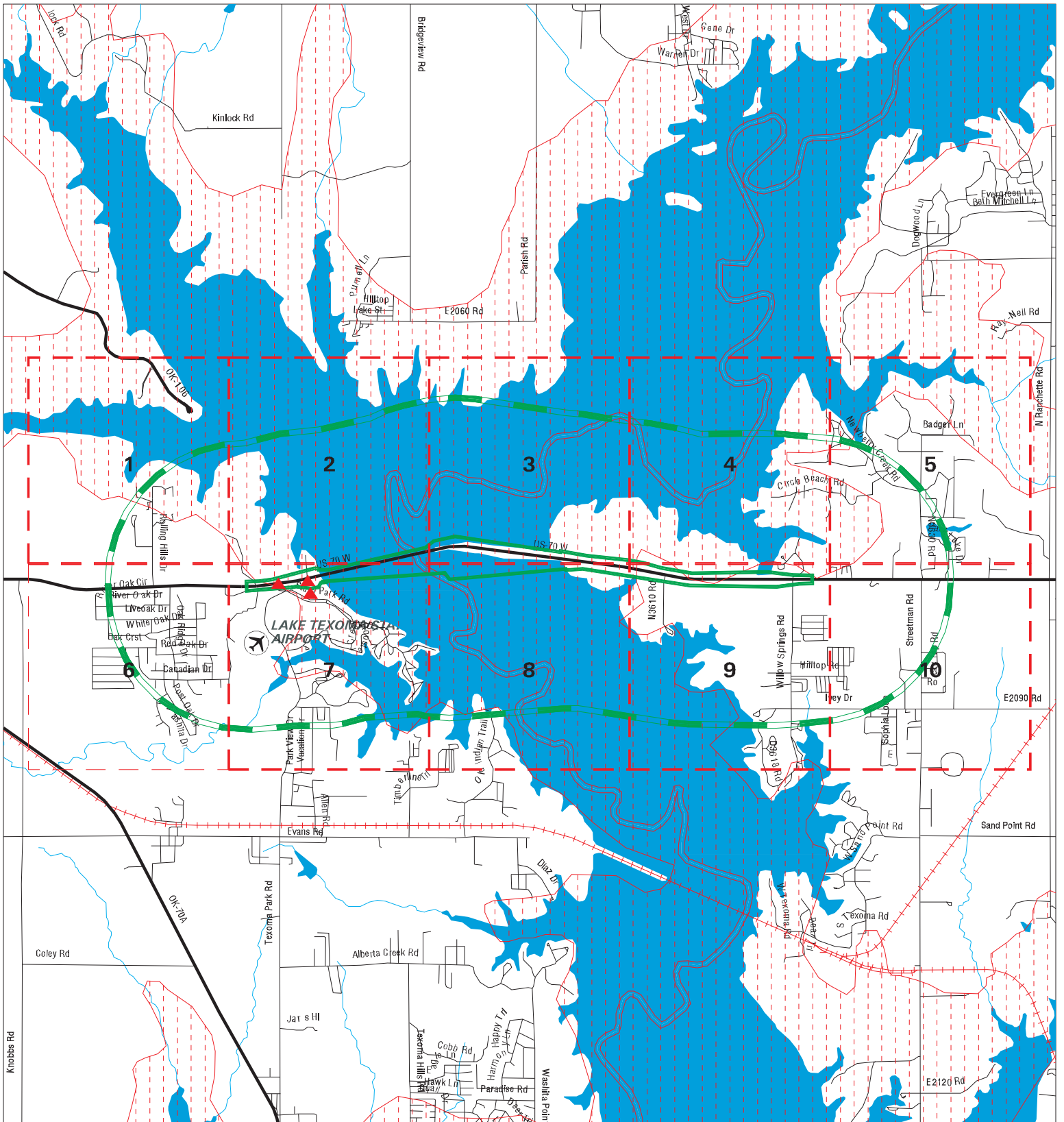


MAPPED SITES SUMMARY

Target Property:  
 US-70, BRYAN AND MARSHALL COUNTIES  
 MEAD, OK 73449

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
Reg / Multiple	LAKE TEXOMA		DOD	TP
A1 / 7	TEXOMA STATE PARK	HWY 70 4 MI EAST OF	UST, HIST UST	188 0.036 South
A2 / 7	OKLAHOMA TEXOMA STAT	HWY 70 5M E	RCRA NonGen / NLR	188 0.036 South
3 / 7	CATFISH BAY MARINA M	2048 MARINA RD (4MIL	UST	216 0.041 North
4 / 7	CUMBERLAND COVE RESO	RT 2 BOX 307	UST, HIST UST	312 0.059 North

# Key Map - 6714549.6s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



**SITE NAME:** US-70 Over Lake Texoma Roosevelt Bridge  
**ADDRESS:** US-70, Bryan and Marshall Counties  
**CITY/STATE:** Mead OK  
**ZIP:** 73449

**CLIENT:** Terracon  
**CONTACT:** Victoria Jolly  
**INQUIRY #:** 6714549.6s  
**DATE:** 10/21/21 3:33 PM