

# COBB CREEK DAM REHABILITATION

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## HIGHLIGHTS:

- **Client: C. H. Guernsey, Inc. (NRCS-National Resource Conservancy Service)**

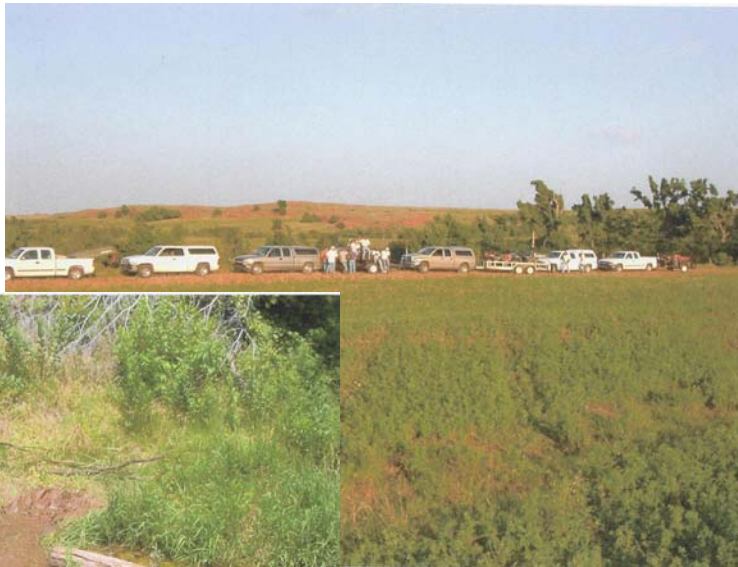
**Kristi M. Foreman – CHG, Inc.  
5555 N. Grand Blvd.  
Oklahoma City, OK 73112  
Tel.: 405/416-8351**

- **Project Year: 2002**
- **Project Cost:  
\$215,000.00**

As part of the Engineering Consultant staff for the National Resource Conservancy Service, our staff was responsible for the survey of Cobb Creek.

Survey of this flood control lake included five (5) survey crews responsible for:

- Establishment of Benchmarks
- Cross Sections of Cobb Creek 1-1/2 miles Upstream and 7 miles Downstream



Inclusive in our survey responsibilities was the development of all supporting survey documents.

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# CORPUS CHRISTI NAVAL BASE

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## HIGHLIGHTS:

- **Client: C. H. Guernsey & Co.**

Kristi M. Foreman – CHG, Inc.  
5555 N. Grand Blvd.  
Oklahoma City, OK 73112  
Tel.: 405/416-8351

- **Project Year: 1995**
- **Project Cost: \$32,000.00**

As Surveyor, our staff was totally responsible for the complete survey of the Naval Base at Corpus Christi, Texas.



# EL RENO FEDERAL PRISON

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## HIGHLIGHTS:

- **Client: Berger/Abam Engineers, Inc.**

Berger/Abam Engineers, Inc.  
33301 9th Avenue South  
Federal Way, WA 98003-1395

- **Project Year: 1998**
- **Project Cost: \$39,400.00**

As surveyor, our staff was totally responsible for the complete Alta Survey of the Federal Prison at El Reno, Oklahoma.

This survey was performed to give the prison staff exact information regarding total area of prison-owned land.



# GPS BRIDGE LOCATIONS

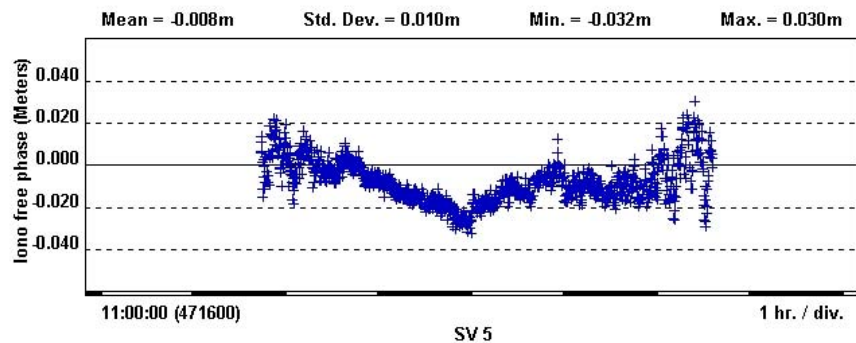
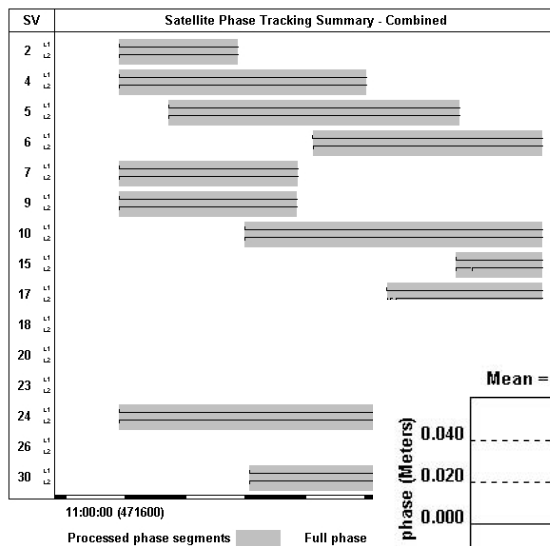
## HIGHLIGHTS:

- **Client: Oklahoma Department of Transportation**

Mr. John Fuller, P.E.  
Chief Engineer—ODOT  
200 N. E. 21st St.  
Oklahoma City, OK 73105  
Tel.: 405/521-2688

- **Project Year: 2001**

As Surveyor for the Oklahoma Department of Transportation, our staff was totally responsible for GPS-locating 1,745 bridges in an area from Osage County to Harper County from April of 2001 to July of 2001.



# ON-CALL SURVEY SERVICES

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## HIGHLIGHTS:

- **Client: Oklahoma Department of Transportation**

Mr. John Fuller, P.E.  
Chief Engineer—ODOT  
200 N. E. 21st St.  
Oklahoma City, OK 73105  
Tel.: 405/521-2688

- **Project Year: 2006-2007**

As On-Call Surveyor for the Oklahoma Department of Transportation, our staff was totally responsible for various kinds of survey services for all types of roadway systems and bridges including:

- SH-48 Bridge—Holdenville, Hughes Co., OK
- SH-99 Bridge—Jack Fork Creek, Pontotoc Co., OK
- SH-48 Bridge—Muddy Boggy Creek, Pontotoc Co., OK
- SH-7 Bridge—Clear Boggy Creek, Atoka co., OK
- SH-66 Bridge—Six Mile Creek, Canadian Co., OK
- SH-4 Bridge—Unnamed Creek, Canadian Co., OK
- Property @ SE/C of Lincoln Blvd. & Sheridan Ave., OK Co., OK
- Bridge #18—Washita River, Johnston Co., OK
- SH-99 Bridge—Bois D’Arc Creek, Pontotoc Co., OK
- SH-99 Bridge—Clear Boggy Creek, Pontotoc Co., OKC
- Duncan Bypass Beach Ave., Stephens Co., OK
- US-271 Bridges—Dry & Mud Creeks, Pushmataha Co., OK
- US-271 Bridge—Walnut Creek, Pushmataha Co., OK
- US-271 Bridges—2 Unnamed Creeks, Pushmataha Co., OK
- SH-99A Bridge—Unnamed Creek, Okfuskee Co., OK
- SH-56 Bridge—Unnamed Creek, Seminole Co., OK
- US-177—SH-33 North to W. 32nd Ave., Payne Co., OK
- SH-37—NS-287 SL E to SH-92, Grady Co., OK
- Excess Land NE 5th & Walnut, Oklahoma Co., OK



# S. H. 6 RECONSTRUCTION IN GREER COUNTY

## HIGHLIGHTS:

- **Client: Oklahoma Department of Transportation**

Mr. John Fuller, P.E.  
 Chief Engineer—ODOT  
 200 N. E. 21st St.  
 Oklahoma City, OK 73105  
 Tel.: 405/521-2688

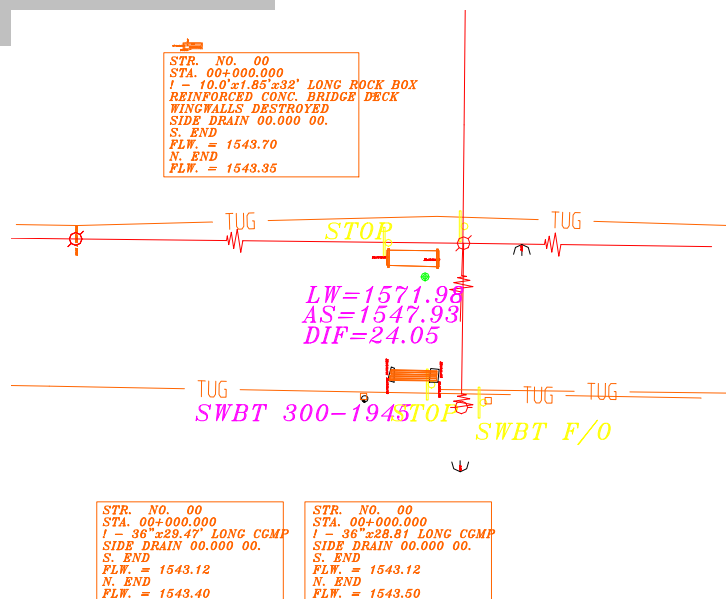
- **Project Year: 2003**
- **Project Cost: \$10,000,000.00**

As part of the Engineering Consultant staff for the Oklahoma Department of Transportation, our staff was responsible for the survey of S. H. 6 in Greer County, Oklahoma.

Survey of the highway included three (3) survey crews responsible for:

- Establishment of Control
- Closure of Sections
- Reestablishment of Centerline
- Establishment of Benchmarks
- Cross Sections and Topo Features of roadway
- Setting Centerline References

Inclusive in our survey responsibilities was the development of all supporting survey documents.



# S. H. 99 IN SEMINOLE, POTTAWATOMIE & LINCOLN COUNTIES SURVEY

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## HIGHLIGHTS:

- **Client: Oklahoma Department of Transportation (ODOT)**

Mr. Bruce Taylor, P.E.  
Chief Engineer—ODOT  
200 N. E. 21st St.  
Oklahoma City, OK 73105  
Tel.: 405/521-2688

- **Project Year: 2002**
- **Project Cost: \$13,500,000.00**

As part of the Engineering Consultant staff for the Oklahoma Department of Transportation, our staff was responsible for the survey of S. H. 99 in Seminole, Pottawatomie and Lincoln Counties from I-40 north to Prague, Oklahoma.

Survey of the highway from EW-92.25 to EW-90.75 included three (3) survey crews responsible for:

- Establishment of Control
- Closure of Sections 9, 10, 15, 16, 21 and 22, T14N, R6E IM
- Reestablishment of Centerline
- Establishment of Benchmarks
- Cross Sections of River 500 feet Upstream and 500 feet Downstream

- Cross Sections and Topo Features of roadway from existing roadway to 50 feet east of East Right-of-Way
- Setting Centerline References

Inclusive in our survey responsibilities was the development of all supporting survey documents.



# US-60 SURVEY IN OSAGE COUNTY, OK

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## HIGHLIGHTS:

- **Client: Oklahoma Department of Transportation**

Mr. John Fuller, P.E.  
Chief Engineer—ODOT  
200 N. E. 21st St.  
Oklahoma City, OK 73105  
Tel.: 405/521-2688

- **Project Year: 2008**

As Surveyor for the Oklahoma Department of Transportation, our staff was totally responsible for providing surveying services for approximately 12-miles of US-60 in Osage County (ODOT Division 8).

Landowners were determined through research of the County Assessor's property records. Approximately 50 property owners were mailed requests for permission to access their land during the survey process.



# MAPS BRICKTOWN SURVEY

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## HIGHLIGHTS:

- **Client: MAPS / City of Oklahoma City**

OKC MAPS Projects Office  
420 West Main St., Suite 1000  
Oklahoma City, OK 73102  
Tel.: 405/297-2287

- **Project Year: 1996**

Research data was compiled and field work done to establish **horizontal and vertical controls** and to identify topographic features of the construction of a new storm sewer system to serve the proposed Baseball Park, Canal and Parking in the Bricktown area.

A determination of public and private utility locations was made.

Coordination with MAPS consultants was pertinent to be able to conform to impacts of scope changes and utility relocations.

The project fixed limit was set at \$1,050,000 by the MAPS Engineer.



# ON-CALL SURVEY SERVICES

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## HIGHLIGHTS:

- **Client: City of Oklahoma City**

**Mr. Dennis Clowers, P.E.**  
**City Engineer**  
**420 W. Main - 7<sup>th</sup> Fl.**  
**OKC, OK 73102**  
**Tel.: (405) 297-2033**

- **Project Year: 2002**

As On-Call Surveyor for the City of Oklahoma City, our staff was totally responsible for survey, as needed, for the City of Oklahoma City.

These surveying services included providing survey data related to existing and proposed water, storm sewer, drainage and some sanitary sewer and paving improvements on an as-needed basis.



# SC-0640 SANITARY SEWER RELIEF LINE EXPANSION

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## HIGHLIGHTS:

- **Client: City of Oklahoma City, OK**

Mr. Dennis Clowers, P.E.  
City Engineer  
420 W. Main - 7<sup>th</sup> Fl.  
OKC, OK 73102  
Tel.: (405) 297-2033

- **Project Year: 2002**
- **Project Cost: \$2,500,000.00**

Members of our staff are totally responsible for design including survey, investigation and development, bidding and contract administration for the study, design and construction of a sanitary sewer line expansion in the vicinity of S. E. 29th Street from Douglas Boulevard to Sooner Road.

The first requirement is to provide a preliminary engineering and alignment report for the proposed improvements. Coordination with Tinker Air Force Base is required since the project improvements will impact the air force base.

Topographical survey will be conducted and construction plans and specifications will be prepared on a "fast track" basis to meet stringent time constraints.



Members of our staff will provide experienced construction administration including amendments and change orders. Upon completion of the project, as-built plans will be prepared and provided to the City.

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# ON-CALL SURVEY SERVICES

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## HIGHLIGHTS:

- **Client: The University of Oklahoma**

**Mr. Michael Moorman**  
OU A & E Services  
6152 Cross Center Drive  
Norman, OK 73069  
(405) 325-4194

- **Project Year: 2002**

As On-Call Surveyor for The University of Oklahoma, our staff is totally responsible for the survey, as needed, for the university.

These surveying services include providing survey data related to building elevations, utilities locations, etc.



# TINKER AIR FORCE BASE MILITARY FAMILY HOUSING SANITARY SEWER

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## HIGHLIGHTS:

- **Client:** Tinker Air Force Base, OK
- **Project Year:** 1997
- **Project Cost:** \$2,600,000.00

Members of our staff were responsible for the analysis, recommendations for repairs and preparation of construction documents for approximately 28,000 linear feet of sanitary sewer liens serve the Military Family Housing area of Tinker Air Force Base. The following tasks were completed of the Design Analysis Report:

- Field Inspections were conducted of each manhole in system.
- Closed Circuit Television (CCTV) inspections of selected portions of collection system were performed.
- A hydraulic analysis of the collection system was prepared.
- Recommendations and cost estimates were prepared for the proposed improvements.

Following approval of the Design Analysis, Construction Documents were prepared for the proposed improvements. The improvements consisted of the following:

- Rehabilitation of 78 manholes,

- 22,000 linear feet of pipe lining, and
- 2,000 linear feet of sanitary sewer construction, eliminating the need for an existing lift station.

The Construction Documents included in the **topographic survey**, plans, specifications and bid forms in accordance with Air Force requirements. "As-Built plans were prepared upon completion of the project.



# BECKHAM, CUSTER & ROGERS MILLS COUNTIES WIND FARM SURVEY

## HIGHLIGHTS:

- **Client: Westwood Professional Services**

Mr. Mark Salo  
7699 Anagram Drive  
Eden Prairie, MN 55344-7310  
Tel.: (952) 906-7440

- **Project Year: 2007**
- **Project Construction Cost: \$250,000,000.00**

ALTA Survey

20 Sections (13,000 acres) / 80 towers \$1,000,000

The \$250 million Red Hills Wind Farm, a 123-megawatt facility is located near Elk City, OK and will include 82 turbines.

At completion the wind farm will be able to produce enough energy to power 40,000 homes.

Seventy of the 1.5 megawatt turbines will be in Rogers Mills County, while 12 will be in Custer County.

Construction of the wind farm involves leveling the ground at the

turbine sites, laying tower foundations, constructing access roads and operations buildings, developing distribution / transmission lines and erecting the support towers.

