

DAVISS

GIS

7

CONTRACT

14G1504

March 4, 2004

Prepared for:

Daviess County

Re-Addressing

WTH
ENGINEERING

OVERVIEW

Daviess County (the "Client") is in need of certain mapping or GIS related products and services for use in public safety. WTH Engineering Inc. (the "Company") is a provider of such products and services. This contract defines the scope of products and services to be offered by the Company and the compensation to be paid by the Client.

DESCRIPTION OF PRODUCTS AND SERVICES

PHASE I

The first phase of this project includes the creation of five different deliverables that will be utilized in the readdressing process. They include: road name reconciliation, the creation of a county wide address grid, an ESN boundary layer, the creation of a geo-coded address range layer and the creation of the Master Street Address Guide (MSAG). The process of developing these layers will be described below.

1. WTH will work with the County in determining the finalized road names. The county must provide a list of road names that they would like used and the location of these roads on some type of map (digital or paper). These road names will be verified against the NENA standards to ensure that the name will pass the road name requirements. These road names will be applied to the road centerline that will be traced to the County provided aerial photography. This layer will be the base for the geo-coded address range layer.
2. After the road name process is complete, the address grid layer can be created using a base road (0E, 0W and 0N, 0S) somewhere in the county. This base line road will need to be agreed upon by the County. The grid will be annotated based on roughly 1000 units per mile and will increase by each section or one mile grid (1000N, 2000N, 3000N etc...).
3. The creation of the Emergency Service Number (ESN) boundary layer will be developed by maps provided by the County that identifies the different emergency responders. These first responders include Law Enforcement, Fire, and Ambulance departments. Areas will be developed for each unique combination of these first responders.
4. WTH will create a geo-coded address range layer that will utilize the newly created road centerline layer, address grid, and ESN boundary to populate the required attributes. An individual road segment will be created from each road intersection to the next road intersection or ESN boundary. The geo-coded address range layer will conform to the NENA standards.
5. A Master Street Address Guide (MSAG) will be created once the four above steps are complete and finalized by the County. The MSAG will be created and provided to the County in an excel spreadsheet or an access database format.

PHASE II

The following steps are to complete the field collection of the readdressing process for the County.

1. Obtain galley lists from the post office of all current addresses on a particular route. Each route will need to be plotted on a map to help determine the field process. Knowing where to perform the field collection early on in the process is critical as each address is visited.
2. Drive existing route to locate all marked boxes and associated structures.

3. Through process of elimination determine structures that are easily associated with unmarked boxes. If the box is unmarked, owner names can be added to the notes layer to help determine the address.
4. Address unknown structures and obtain help from local postmasters in obtaining existing address.
5. Go door to door to determine unknown addresses by speaking to residents after all other options have been exhausted such as obtaining information from plat maps and landowner information.
6. Locate obvious additional potential addresses (ones that don't have current addresses). This is not a required step for post office approval and will only be done for easily determined structures. All of these addresses will need to have their assigned addresses hand delivered to the structure by the 911 office.
7. Mark all points that are to have an assigned address on map.

PHASE III

The following steps are necessary to give each existing rural route address a new E911 address.

1. Based on the address grid created in the first phase of the project for the Client's Map, WTH will assign a new E911 address for each existing rural route address found in the field collection efforts in Phase II.
2. WTH will submit a cross-reference list of old rural route addresses and new E911 addresses to the County and the local postmaster for their review.
3. If during the address population process an address can't be assigned, it will be noted and the question will be forwarded onto the County for resolution.

PHASE IV

Upon approval from the local postmaster, WTH will submit the list to address management (a USPS department). WTH will also create and print notification letters for each existing postal resident, which will note their existing rural route address and new E911 address. These letters will then be mailed by the County.

1. WTH will also print notification letters for all new E911 addresses (structures that do not have a previous rural route address.) These letters will be delivered to the County to be hand delivered to those residents.

DELIVERY AND INVOICING SCHEDULE

| | Delivery Date | Description | Invoice Date | Amount |
|----------------|--|--------------------|---------------------|----------------|
| Payment | 60 Days after completion of field work | Re-addressing | 60 Days | \$9,500 |
| Total GIS Cost | | | TOTAL | \$9,500 |

* Number of days after the signing of this contract and the delivery of all source materials by the Client. The delivery dates will be reviewed once the contract is signed and may be adjusted if needed.

LIMITATION OF LIABILITY

In no event shall either party be liable to the other for any indirect, special, or consequential damages or lost profits arising out of or related to this agreement or the performance of breach thereof, even if such part has been advised of the possibility thereof.

The Company takes no responsibility for the accuracy of source data provided by the Client or for any errors resulting from any inaccuracies. It is the responsibility of the Client to review the data for accuracy.

SIGNATURE PAGE

IN WITNESS WHEREOF, the parties have executed this Agreement as of this 8th day of March 2004.

Company:
WTH Engineering, Inc.

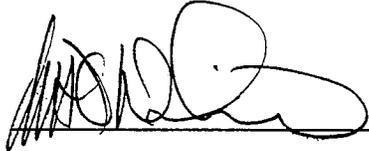
Client:
Daviess County, Indiana

Signature: _____

Name: Rex Jones

Title: President

Date: _____

Signature:  _____

Name: ANTHONY D. WICKMAN

Title: Secretary

Date: 3-8-2004

Signature: _____

Name: _____

Title: _____

Date: _____

Signature:  _____

Name: Jo Ann McCracken

Title: Daviess County Auditor

Date: March 8, 2004

Signature: _____

Name: _____

Title: _____

Date: _____



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