

AGREEMENT BETWEEN
LAKE COUNTY, FLORIDA AND
DATA TRANSFER SOLUTIONS, LLC

FOR

CONSULTANT SERVICES FOR LAKE COUNTY RIGHT OF WAY LAYER (GIS)

RSQ #06-101

This is an Agreement between Lake County, Florida, a political subdivision of the State of Florida, hereinafter referred to as the COUNTY, by and through its Board of County Commissioners, and Data Transfer Services, LLC, a foreign corporation authorized to do business in the State of Florida, hereinafter referred to as CONSULTANT.

Recitals

WHEREAS, the COUNTY has publicly submitted a Request for Statements of Qualifications (RSQ), #06-101 for procurement of services under the Consultants' Competitive Negotiation Act, section 287.055, Florida Statutes, following the guidelines set forth under such Act; and

WHEREAS, RSQ #06-101 did seek proposals from firms qualified to provide professional services to analyze the existing system and current process of the Lake County Right of Way Layer (GIS) and to provide recommendations for the most efficient and effective technique for storage and retrieval of public right of way data; and

WHEREAS, the CONSULTANT desires to perform such services subject to the terms of this Agreement; and

WHEREAS, COUNTY and the CONSULTANT did reach mutual agreement as to the terms and conditions of such services; and

NOW, THEREFORE, IN CONSIDERATION of the mutual terms, understandings, conditions, premises, covenants and payment hereinafter set forth, and intending to be legally bound, the parties hereby agree as follows:

Article 1. Recitals

1.1 The foregoing recitals are true and correct and incorporated herein by reference.

Article 2. Scope of Professional Services

2.1 On the terms and conditions set forth in this Agreement, COUNTY hereby engages CONSULTANT to perform the services set forth in **Exhibit A**, attached hereto and incorporated herein by reference, hereinafter the Scope of Work. Generally, the CONSULTANT shall perform six (6) tasks in three (3) phases:

Phase I

- Task 1: Compile and Review Existing Right of Way (ROW) and GIS data
- Task 2: Optimization of Scanned Documents
- Task 3: Coordinate Geometry (COGO) and COGO Data Entry Training
- Task 4: Business Process Analysis

Phase II

- Task 5: Application Development

Phase III

- Task 6: Supplemental Activities

2.2 This Agreement regards **Phase I** of the Scope of Work only. The terms and conditions regarding Phases II and III will be negotiated at a later date.

2.3 In the event that additional services are required of the CONSULTANT, the CONSULTANT shall submit a cost estimate based upon the number of hours required to complete the services. The CONSULTANT shall be paid in accordance with the cost estimate and the hourly rates set forth in Article 3 below. Additional services shall be as follows:

Article 3. Payment

3.1 Payment shall be made in accordance with the Proposed Project Cost as attached hereto and incorporated herein by reference as **Exhibit B**. The contract amount for Phase I shall not exceed **\$82,000**. In no event shall the entire contract amount exceed **\$163,520.00** for the basic Scope of Service, including expenses, unless through a Change Order approved in accordance with the Lake County Purchasing Policies and Procedures, or through a written amendment. Additional services within the scope of this agreement as requested by the County shall be negotiated separately.

3.2 Invoices shall be submitted in duplicate to: Patti Harker, Department of Public Works, P.O. Box 7800, Tavares, Florida 32778. Each invoice shall contain the RSQ number and a detailed description of services and fees.

3.3 The COUNTY shall make payment on all invoices in accordance with the Florida Prompt Payment Act, sections 218.70 through 218.79, Florida Statutes.

3.4 CONSULTANT shall submit invoices at the end of each month documenting the percent of completion of each task and requesting payment based upon such percent completion.

3.5 CONSULTANT and COUNTY hereby agree that the hours of service set forth in **Exhibit A** are projected hours of service and that the CONSULTANT'S actual time may be more or less than the budgeted hours. The COUNTY shall pay the CONSULTANT only for the lump sum budget as set forth in **Exhibit B** for the basic Scope of Work.

3.6 Other than the reimbursable expenses set forth in **Exhibit B**, if any, in the amount of the CONSULTANT shall not be entitled to payment for any expenses, fees, or other costs it may incur at any time and in any connection with its performance hereunder.

Article 4. County Responsibilities

4.1 COUNTY shall promptly review the deliverables and other materials submitted by CONSULTANT and provide direction to CONSULTANT as needed. COUNTY shall designate one County staff member to act as COUNTY'S Project Administrator and/or Spokesperson.

4.2 COUNTY shall reimburse CONSULTANT, in accordance with the Proposed Budget listed in Article 3 above for required services timely submitted and approved and accepted by COUNTY in accordance with the terms of this Agreement.

Article 5. Special Terms and Conditions

5.1 Qualifications. Pursuant to the applicable provisions of the Florida Statutes, firms or individuals will be registered with the State of Florida and have obtained at least the minimum thresholds of education and professional experience required by the statutes.

5.2 Termination. This Agreement may be terminated by the COUNTY upon thirty (30) days advance written notice to the other party; but if any work or service/Task hereunder is in progress but not completed as of the date of termination, then this Agreement may be extended upon written approval of the COUNTY until said work or service(s)/Task(s) is completed and accepted.

A. Termination for Convenience. In the event this Agreement is terminated or cancelled upon the request and for the convenience of COUNTY with the required 30 day advance written notice, COUNTY shall reimburse CONSULTANT for actual work satisfactorily completed.

B. Termination for Cause. Termination by County for cause, default, or negligence on the part of CONSULTANT shall be excluded from the foregoing provision. Termination costs, if any, shall not apply. The 30-day advance notice requirement is waived in the event of termination for cause.

C. Termination Due to Unavailability of Funds in Succeeding Fiscal Years - When funds are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal year, this Agreement shall be canceled and the CONSULTANT shall be reimbursed for the reasonable value of any non-recurring costs incurred but not amortized in the price of the supplies or services/Tasks delivered under this Agreement.

5.3 Subletting of Contract. This Agreement shall not be sublet except with the written consent of the COUNTY'S Procurement Services Director. No such consent shall be construed as making the COUNTY a party to the subcontract or subjecting the COUNTY to liability of any kind to any subcontractor. No subcontract shall under any circumstances relieve the CONSULTANT of liability and obligations under this Agreement and all transactions with the COUNTY must be through the CONSULTANT.

5.4 Insurance and Bond. CONSULTANT shall provide and maintain during the entire term of this Agreement insurance in the following types and limits with a company or companies authorized to do

business in the State of Florida. CONSULTANT shall not commence work under the Agreement until COUNTY has received an acceptable certificate or certificates of insurance evidencing the required insurance, which is as follows:

(X) General Liability insurance on forms no more restrictive than the latest edition of the Commercial General Liability policy (CG 00 01 or CG 00 02) of the Insurance Services Office or equivalent without restrictive endorsements, with the following minimum limits and coverage:

- (X) General Liability
 - (X) Each Occurrence/General Aggregate \$500,000
 - () Products-Completed Operations \$500,000
 - () Personal & Adv. Injury \$500,000
 - () Fire Damage \$50,000
 - () Medical Expense \$5,000
 - () Contractual Liability

(X) Automobile liability insurance, including owned, non-owned and hired autos with the following minimum limits and coverage:

- Combined Single Limit \$300,000
- or
- Bodily Injury (per person) \$100,000
- Bodily Injury (per accident) \$300,000
- Property Damage \$100,000

(X) **Lake County, A Political Subdivision Of The State Of Florida, And The Board Of County Commissioners**, shall be name as additional insured as their interest may appear on the:

- (X) General liability policy
- () automobile liability policy

(X) Workers' compensation insurance in accordance with Florida Statute, Chapter 440, and/or any other applicable law requiring workers' compensation (Federal, maritime, etc).

(X) Professional liability (medical malpractice, engineers, architect, consultant, environmental, errors and omissions, etc.) insurance as applicable, with minimum limits of \$500,000 and annual aggregate of \$1,000,000.

(X) Certificates of insurance shall provide for a minimum of thirty (30) days prior written notice to the COUNTY of any change or cancellation of the required insurance.

(X) Certificates of insurance shall identify the RFP number, contract, project, etc. in the Description of Operations section of the Certificate.

(X) CONSULTANT shall be responsible for subcontractors and their insurance.

(X) The Certificate holder shall be: LAKE COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA, AND THE BOARD OF COUNTY COMMISSIONERS, P.O. BOX 7800, TAVARES, FL 32778-7800

CONSULTANT Liability Insurance policies shall be endorsed to add COUNTY as an additional insured for General Liability Insurance. Additionally, CONSULTANT shall be responsible for payment of all deductibles and self-insurance retention on CONSULTANT Liability Insurance policies. All of the policies of insurance so required to be purchased and maintained shall contain a provision or endorsement that the coverage afforded shall not be canceled, materially changed or renewal refused until at least thirty (30) calendar days written notice has been given to COUNTY by certified mail.

5.5 Indemnity. CONSULTANT shall indemnify and hold COUNTY and its agents, officers, commissioners or employees harmless for any damages resulting from failure of CONSULTANT to take out and maintain the above insurance. Additionally, CONSULTANT agrees for good and valuable consideration in the amount of ten dollars (\$10.00) to indemnify, and hold the Board of County Commissioners, Lake County, Florida, and its officers, commissions, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities resulting from the negligent act, error or omission of CONSULTANT, its agents, employees or representative, in the performance of CONSULTANT'S duties set forth in this Agreement.

5.6 Independent Contractor. CONSULTANT agrees that it shall be acting as an independent contractor and shall not be considered or deemed to be an agent, employee, joint venturer, or partner of COUNTY. CONSULTANT shall have no authority to contract for or bind COUNTY in any manner and shall not represent itself as an agent of COUNTY or as otherwise authorized to act for or on behalf of COUNTY. Additionally, CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for CONSULTANT to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for CONSULTANT any fee, commission, percentage, gift, or other consideration contingent upon on resulting from the award or making of this Agreement.

5.7 Ownership of Deliverables. CONSULTANT agrees all Tasks and/or deliverables under this Agreement, and other data generated or developed by CONSULTANT under this Agreement or furnished by COUNTY to CONSULTANT shall be and remain the property of COUNTY. CONSULTANT shall perform any acts that may be deemed necessary or desirable by COUNTY to evidence more fully transfer of ownership of all Tasks and/or deliverables to COUNTY. Additionally, CONSULTANT hereby represents and warrants that it has full right and authority to perform its obligations specified in this Agreement.

5.8 Return of Materials. Upon the request of the COUNTY, but in any event upon termination of this Agreement, CONSULTANT shall surrender to the COUNTY all memoranda, notes, records, drawings, manuals, computer software, and other documents or materials pertaining to the services hereunder, that were furnished to the CONSULTANT by the COUNTY pursuant to this Agreement.

5.9 NO CLAIM FOR DAMAGES OR ANY CLAIM OTHER THAN FOR AN EXTENSION OF TIME SHALL BE MADE OR ASSERTED AGAINST THE COUNTY BY REASON OF ANY DELAYS. No interruption, interference, inefficiency, suspension or delay in the commencement or progress of the work from any cause whatsoever, shall relieve the CONSULTANT of his duty to perform or give rise to any right to damages or additional compensation from the COUNTY. The CONSULTANT expressly acknowledges and agrees that the CONSULTANT shall receive no damages for delay. The CONSULTANT'S sole remedy, if any, against the COUNTY shall be the right to seek an extension to the contract time. Such extensions of time will not be granted for delays caused by

unfavorable weather, ground conditions related to the weather, inadequate work force or for the failure of the CONSULTANT to timely order equipment or materials. However, this provision shall not preclude recovery or damages by the CONSULTANT for hindrances or delays due solely to fraud, bad faith or active interference on this part of the COUNTY. Otherwise, CONSULTANT shall be entitled to extensions of the Contract Time as the sole and exclusive remedy for such resulting delay, in accordance with and to the extent specifically provided above.

5.10 Retaining Other Consultants. Nothing herein shall be deemed to preclude the COUNTY from retaining the services of other persons or entities undertaking the same or similar services as those undertaken by the CONSULTANT or from independently developing or acquiring materials or programs that are similar to, or competitive with, the services provided under this Agreement.

5.11 Accuracy. The CONSULTANT is responsible for the professional quality, technical accuracy, timely completion and coordination of all the services furnished hereunder. The CONSULTANT shall, without additional compensation, correct or revise any errors, omissions or other deficiencies in its designs, drawings, reports or other services.

5.12 Codes and Regulations. All work completed under this Agreement shall conform to all applicable federal, state and local statutes, codes, regulations and ordinances.

5.13 Truth in Negotiation Certificate. For all lump-sum or cost-plus fixed fee contracts exceeding \$150,000, the firm awarded the contract must execute a truth in negotiation certificate stating that the wage rates and other factual unit costs are accurate, complete and current, at the time of contracting. Any contract requiring this certificate shall contain a provision that the original contract price and any additions shall be adjusted to exclude any significant sums by which the COUNTY determines the contract price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such contract adjustments shall be made within one (1) year following the end of the contract. By executing this Agreement, the CONSULTANT has executed this certificate.

5.14 Public Entity Crimes. A person or affiliate who has been placed on the convicted vendor list following a conviction of a public entity crime may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity in excess of the threshold amount provided in Florida Statutes, section 287.017 for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

5.15 Prohibition Against Contingent Fees. The CONSULTANT warrants that they have not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT, to solicit or secure this Agreement, and that they have not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the CONSULTANT any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award or making of this Agreement.

Article 6. General Conditions

6.1 This Agreement is made under, and in all respects shall be interpreted, construed, and governed by and in accordance with, the laws of the State of Florida. Venue for any legal action resulting from this Agreement shall lie in Lake County, Florida.

6.2 Neither Party may assign any rights or obligations under this Agreement to any other party unless specific written permission from the other party is obtained.

6.3 The captions utilized in this Agreement are for the purposes of identification only and do not control or affect the meaning or construction of any of the provisions hereof.

6.4 This Agreement shall be binding upon and shall inure to the benefit of each of the parties and of their respective successors and permitted assigns.

6.5 This Agreement may not be amended, released, discharged, rescinded or abandoned, except by a written instrument duly executed by each of the parties hereto. However, change orders may be executed in accordance with the COUNTY'S purchasing policies and procedures.

6.6 The failure of any party hereto at any time to enforce any of the provisions of this Agreement will in no way constitute or be construed as a waiver of such provision or of any other provision hereof, nor in any way affect the validity of, or the right thereafter to enforce, each and every provision of this Agreement.

6.7 During the term of this Agreement CONSULTANT assures COUNTY that it is in compliance with Title VII of the 1964 Civil Rights Act, as amended, and the Florida Civil Rights Act of 1992, in that CONSULTANT does not on the grounds of race, color, national origin, religion, sex, age, disability or marital status, discrimination in any form or manner against CONSULTANT employees or applicants for employment. CONSULTANT understands and agrees that this Agreement is conditioned upon the veracity of this statement of assurance.

6.8 CONSULTANT shall at all times comply with all Federal, State and local laws, rules and regulations.

6.9 The invalidity or unenforceability of any particular provision of this Agreement shall not affect the other provisions hereof, and this Agreement shall be construed in all respects as if such invalid or unenforceable provisions were omitted.

6.10 Wherever provision is made in this Agreement for the giving, service or delivery of any notice, statement or other instrument, such notice shall be in writing and shall be deemed to have been duly given, served and delivered, if delivered by hand or mailed by United States registered or certified mail or sent by facsimile, addressed as follows:

If to CONSULTANT:

Jason Amadori
Data Transfer Solutions, LLC
13013 Founders Square Drive
Orlando, Florida 32828

If to COUNTY:

Patti Harker
Lake County Public Works ROW Department
Post Office Box 7800
Tavares, Florida 32778-7800

Each party hereto may change its mailing address by giving to the other party hereto, by hand delivery, United States registered or certified mail notice of election to change such address.

Article 7. Scope of Agreement

7.1 This Agreement is intended by the parties hereto to be the final expression of their Agreement, and it constitutes the full and entire understanding between the parties with respect to the subject hereof, notwithstanding any representations, statements, or agreements to the contrary heretofore made.

7.2 This Agreement contains the following Exhibits:

Exhibit A	Scope of Work
Exhibit B	Proposed Project Cost

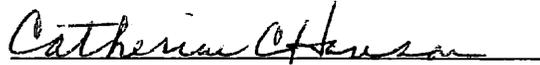
IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement on the respective dates under each signature: COUNTY through its Board of County Commissioners, signing by and through its Chairman, authorized to execute same by Board Action on the 24th day of October, 2006 and by CONSULTANT through duly authorized representative.

CONSULTANT


Print Name: Allen Ibaugh
Title: CEO & President

COUNTY

LAKE COUNTY, through its
BOARD OF COUNTY COMMISSIONERS


Catherine C. Hanson
Chairman

This 7th day of November, 2006

ATTEST:


James C. Watkins, Clerk
of the Board of County
Commissioners of Lake
County, Florida

Approved as to form and legality:

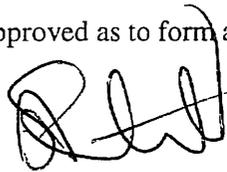

Sanford A. Minkoff
County Attorney

EXHIBIT A: SCOPE OF WORK

EXHIBIT B: PROPOSED PROJECT COST

SCOPE OF WORK—LAKE COUNTY RIGHT-OF-WAY GIS

The Lake County Right-of-Way department is interested in the following tasks as part of the Consultant Services for the Lake County Right-of-Way Layer (GIS).

Task 1 – Compile and Review Existing Right-of-Way (ROW) and GIS data

Data Transfer Solutions (DTS) will provide Lake County with an external hard drive capable of storing the following information:

- Approximately 7,000 scanned land records (currently stored in TIF format)
- Any GIS data related to land records that have been entered into the GIS using Coordinate Geometry (COGO).
- Lake County GIS data that will be used as a backdrop during data development. These include:
 - Aerial Photography
 - Roads
 - Parcels
 - Hydrologic Features
 - Environmental Features
 - Any other data that is relevant to creating land records.

Once this data has been delivered to DTS, a process of review will occur to determine what is currently being tracked by the ROW department and the current state of this data. Data that is determined to be of useful quality will be added to the current Right-of-Way database schema. Any data that cannot be validated will be archived and not included in the Right-of-Way database.

Task 2 – Optimization of Scanned Documents

DTS will work with Lake County to determine the optimal resolution for the scanned documents that are currently stored in the County's document management system. DTS has learned that a TIF file with a resolution of 200-300 dots-per-inch (DPI) works best for these types of documents which would end up yielding an average document size of about 300Kb per page of each scanned document.

DTS will provide sample scans of the images for Lake County to view and test as part of their business process. This will ensure that all potential uses of the data have been tested in the Lake County production environment by all of the intended users of the data.

DTS will also work with Lake County to determine a standardized naming convention for the Right-of-Ways that are stored in the document management system. There is currently a naming convention in



place and it follows the naming convention of the Official Record Book (ORB) or the Deed Books. Some documents refer to the Deed Book and Page and others refer to the O.R. Book and Page. DTS will work with the County to develop a standard naming convention that will always be used when naming Right-of-Ways that are scanned into the document management system. This will ensure that all scanned documents are referenced using the same naming convention for ease in data entry and document retrieval.

Task 3 – Coordinate Geometry (COGO) and COGO Data Entry Training

DTS will utilize COGO to enter the Public Right-of-Way information into the Public Right-of-Way Feature Class GIS database. This includes the following steps:

1. Gather and organize all legal description files (electronic).
2. Implement COGO to determine the beginning point of origin on the legal description.
3. Implement COGO to create the land record description in a GIS format.
4. Link scanned digital legal description document to the record as an attribute in the GIS database.
5. All COGO measurements shall be added to the database as attributes for annotation purposes.
6. Land and Land Rights data shall be spatially referenced to the Lake County GIS base map.

Right-of-Way attribution will be accomplished by attaching the data that is currently available in EXCEL spreadsheet format to the GIS Right-of-Way database. DTS will also work with Lake County to identify VACATED Right-of-Ways and record these in the Right-of-Way database and determine any other attributes that will be added to the Right-of-Way database.

DTS is proposing to create the following attributes for the Right-of-Way database:

- **Object ID** – Assigned by GIS database
- **Area** – Area of Right-of-Way in Square Feet
- **Perimeter** – Perimeter of Right-of-Way in Feet
- **Right-of-Way_ID** – Unique ID related to Right-of-Way
- **Right-of-Way_Type** – Type of Right-of-Way
- **Right-of-Way_Status** – Status of Right-of-Way (e.g. Active or Vacated)
- **Cost_to_Acquire** – Lake County will enter the cost to acquire the Right-of-Way.
- **Image_Path** – Path to scanned Right-of-Way document
- **Notes** – Notes related to the creation of the Right-of-Way in the GIS

Training

DTS will meet with Lake County ROW personnel and management to conduct training on COGO methodology. This training will focus on providing Lake County ROW / GIS personnel with the necessary tools and methodology required to keep the Right-of-Way database current and up-to-date. It will also give personnel a training period to learn the COGO data entry process and ask questions pertinent to the process. DTS has estimated an average of 40 hours per week (2 personnel * 20 hours per week) of Lake County ROW / GIS personnel support for this project for an estimated total of 640 hours of support over 4 months.

Task 4 - Business Process Analysis

DTS understands that the purpose of this project is to conduct a business process analysis of the existing Right-of-Way processes and provide recommendations that will help the County achieve its goals to coordinate GIS data and Right-of-Way information countywide.

DTS will meet with Lake County personnel to discuss and map business processes in the current, or "as-is" state. These "as-is" business processes will be documented and presented to the County for review. Once the County's "as-is" business processes are established, DTS will make recommendations for "to-be" business processes.

The "to-be" business processes will be determined from a combination of industry best-management-practices (BMPs) and input from Lake County personnel. DTS understands that this is an iterative process and will require participation from both DTS and Lake County to develop the most cost-effective business processes for the creation and maintenance Right-of-Way Right-of-Way database.

In order to help the County achieve these goals, the scope of the business process analysis includes:

- Analysis of the current situation and resources.
- Analysis of future needs and priorities.
- Examination of other similar integrated local government Right-of-Way and GIS projects, the challenges they faced, and the solutions they have developed.
- Development of options and alternatives for integration.
- Development of consensus around the selected option.
- Development of appropriate organizational elements to effectively develop, manage, and operate an integrated Right-of-Way GIS layer.
- Development of a plan for developing the integrated system.

There are several key elements involved in achieving these goals. These include:

- Developing consensus and understanding among participating departments regarding countywide Right-of-Way process goals.
- Ensuring that individual departments' goals and needs are met.
- Establishing ways for participants to work together effectively.
- Establishment of spatial data and technology standards.
- Development of appropriate support mechanisms and resources.
- Equitable cost-sharing arrangements.

These business processes will be documented and illustrated in a Microsoft Visio file that will be delivered to Lake County so that it can be maintained and updated as personnel and business process evolve over time.



Task 5 – Application Development

DTS will use the results from the Lake County Right-of-Way database business process analysis to develop the web interface from which all of the Right-of-Way data will be accessed. The application will be developed in C# and .NET and will leverage the County's current investment in GIS technology. It is DTS' understanding that the following technological framework will be in place for this project:

- GIS Technology is ESRI-based
 - ArcGIS 9.1
 - ArcInfo Workstation 9.1
 - ArcSDE
 - ArcServer
- Relational Database Software is currently ORACLE and will be SQL for this project
- CarteGraph Version 7.0

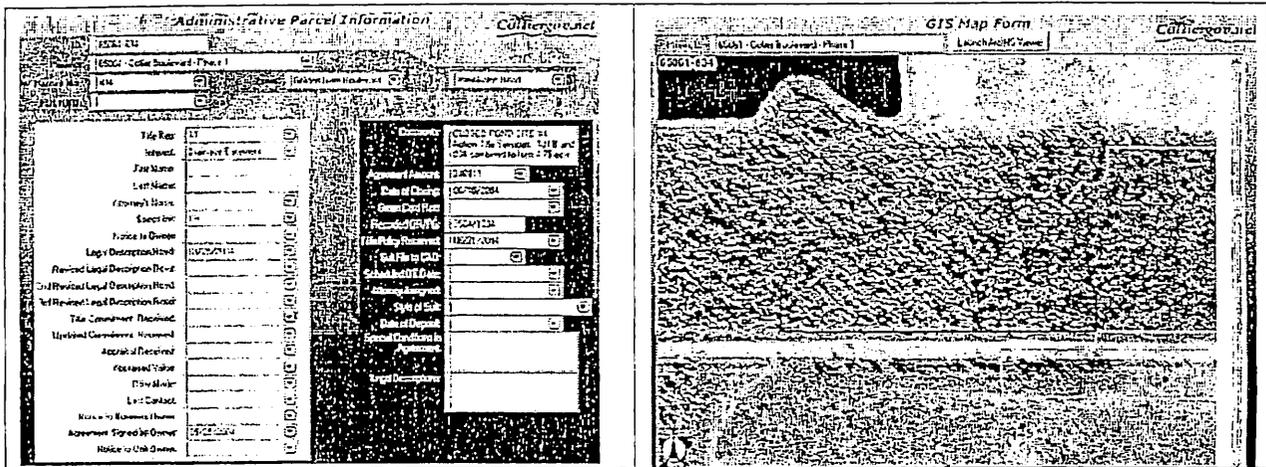
The Application Design will follow industry-standard practices that focus on ease of use and minimal maintenance for the client. This proposed web-based approach ensures application longevity from within the organization through ease of distribution (web-based vs. client-server technology), upgrades, and maintenance. The application design is also geared to helping Lake County to realize its goals set forth in the RFP document.

These goals include:

- Development of an integrated countywide Right-of-Way GIS.
- Coordination of Right-of-Way, GIS and mapping efforts countywide.
- Establishment of effective processes for the storage and retrieval of the County Right-of-Way data.
- Further Right-of-Way and GIS data coordination efforts among current partners.
- Establishment of an environment that will facilitate future Right-of-Way data sharing for Deeds, Plats, Recorded Maps, and maintenance of this information.

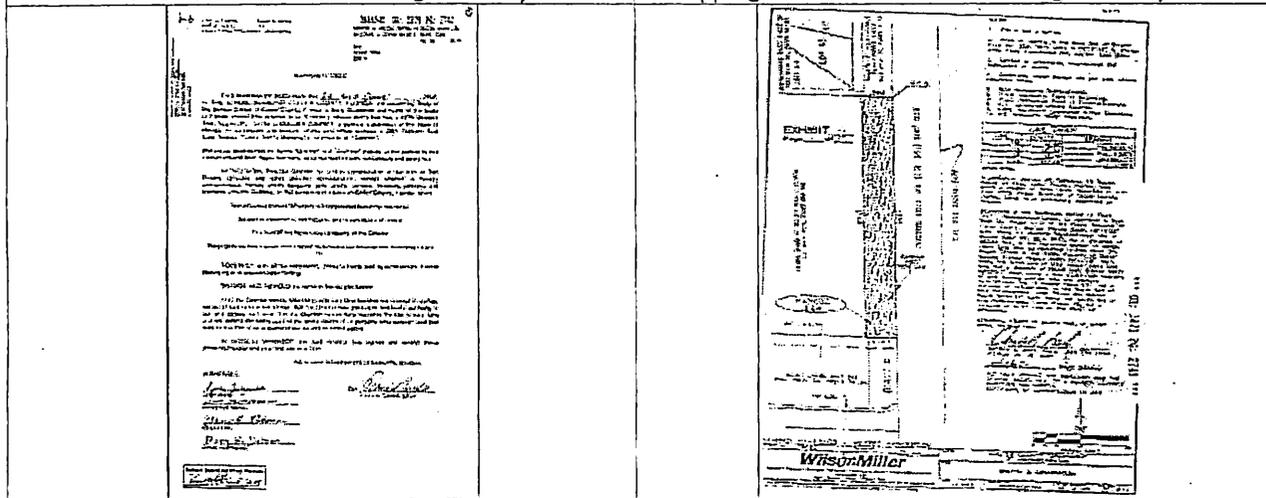
Users will have the ability to select a specific Right-of-Way project or parcel from the master list and view related information through a web form or through a mapping interface.





Tabular Information Related to a Right-of-Way Parcel

Mapping Information Related to a Right-of-Way Parcel



Deeds are available for download directly from the application

Mapping Data is available in digital format from the application

All of the data is managed through an enterprise SDE Geodatabase that is housed in the GIS department. All users have access to the data in a variety of formats based on their user credentials. Also, specific data types are maintained independently of the application in the respective departments. All of the data will be available through a web-based interface on the County Intranet to minimize licensing restrictions and long-term maintenance costs.

The goal of the application is to streamline work processes, integrate data and systems, reduce duplication of effort and data, enable rapid response to new demands, and leverage the organization's spatial data and technology investments. It will also help the organization manage and protect its spatial data and technology assets. Our experience with analyzing these situations and developing effective solutions uniquely tailored to the organization will ensure that the County's situation and goals are realized.

Task 6 – Supplemental Activities

DTS provide services to review, analyze and plot supplemental plats and recorded maintenance maps and make them available in the Right-of-Way database. This information can be incorporated into the existing layer or stored separately and accessed through the web application. Proposed activities for this application include:

- Review of existing Plats
- Optimization of Plats
- COGO Plats
- Review of existing Maintenance Maps
- Optimization of Maintenance Maps
- COGO of Maintenance Maps

The proposed cost for these activities is \$10.00 per record added to the database.

System Deployment Notes:

- It is recognized that the information resulting from this project will reside on an independent server in Public Works, with access available and compatible for GIS Web distribution.



Proposed Project Cost

Task	Activity	Project Manager	Senior Planner	GIS Specialist	Senior Specialist	Computer Programmer	Technician Aid	Total
Phase 1 - Kick-off and Data Development								
1	Review Existing Data	4	10	40				54
2	Optimization of Scanned Documents	5		40			80	128
3	Coordinate Geometry (COGO) / COGO Training	32					1184	1216
4	Business Process Analysis	24		24		24		72
Subtotal								\$82,000.00
Phase 2 - Application Development								
5	Determine Needs	24		24		24		72
5	Build Foundation	8		80	40	80	24	232
5	Build Application	8		160		160		328
5	Alpha Test	16		40		40		96
5	Beta Test	16		40		40		96
5	User Manual and Training	24					40	64
5	On-going Maintenance (12 months)					96		96
Subtotal								\$81,520.00
Phase 3 - Supplemental Activities								
6	Review Existing Data							0
6	Optimize Plats							0
6	COGO Plats							0
6	Optimize Road Maintenance Maps							0
6	COGO Road Maintenance Maps							0
Subtotal								\$0.00
Total Hours		164	10	448	40	464	1328	2454
Loaded Labor Cost		\$19,680.00	\$800.00	\$33,600.00	\$3,600.00	\$39,440.00	\$66,400.00	\$163,520.00
Phase 1								\$82,000.00
Phase 2								\$81,520.00
Phase 3								\$0.00
Total Fee								\$163,520.00

