



Criminal Case File Preservation and Digitization

Collin County Clerk

Prepared for:
Honorable Stacey Kemp, Collin County Clerk
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Presented by:
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Executive Summary

Revolution Data Systems (hereinafter also referred to as RDS) is pleased to provide this proposal to Collin County Clerk (hereinafter also referred to as CCC). This proposal outlines a detailed plan to preserve and digitize Criminal Case files from 1893 through 1950. The initiative involves meticulously scanning and indexing each document to facilitate seamless integration into the County's Laserfiche software, ensuring efficient searchability and retrieval. All records will undergo thorough preservation services including cleaning each page and mending any tears, creating custom leather binders, and encapsulating every page in mylar sleeves. Preserving these records will safeguard the County's history for future generations.

Our Story

RDS helps government agencies deliver services more efficiently, transparently, and cost-effectively. We specialize in the digitization and preservation of historical documents like property, vital, court, education, financial, and human resource records. Our team has helped hundreds of government offices across the country digitize, preserve, and protect their historical archives.

We Are Passionate About Government Archives

RDS was proudly founded to serve County Clerks across the United States. As a County Clerk you are the keyholder to unlocking your county's history. Our services enable you to:

- Illuminate the past, by transforming dusty archives into living, digital chronicles, shining a light on the rich tapestry of your county's heritage for all to explore and appreciate.
- Bridge Generations, by connecting the dots of lineage and legacy, offering your community the priceless gift of understanding their origins and the journey of their forebearers.
- Preserve the Pillars of Heritage, by safeguarding fragile documents and records, ensuring that the foundational stories and pivotal moments of your county stand resilient against the ravages of time.
- Democratize Access to History, by tearing down the barriers to information, ensuring that every citizen has the key to unlock the treasure trove of their collective past, fostering a sense of unity and belonging.
- Craft a Future Informed by the Past, by leveraging the lessons and insights gleaned from historical records, guiding policy-making, and community development with the wisdom of hindsight and the clarity of foresight.

What Sets Us Apart?

No Data Left Behind Guarantee:

We implement a rigorous multi-stage review process by our skilled RDS employees. Every piece of information is double-checked for maximum precision. Any discrepancies identified are immediately addressed to enhance the reliability of your data. This is our dedication to achieving the highest standards of data accuracy, ensuring no piece of information is overlooked.

Image Quality:

Our document scanning equipment and software is fine tuned for historical documents. All images are run through our proprietary imaging software and manually checked by operators to identify poor quality images. Operators manually adjust each section of poor-quality images to produce the most legible image possible.

White Glove Treatment:

All operations conducted by RDS technicians strictly adhere to the American Institute for Conservation's (AIC) Code of Ethics and Guidelines for Practice, ensuring the highest standards of professional conduct and service. All operators are deeply experienced in the art of museum-grade digitization and preservation. Their expertise stems from a wealth of experience accrued from handling fragile documents for a diverse range of clients, including government offices, educational institutions, religious dioceses, and professional archivists. Thus, every document entrusted to us receives the equivalent of a 'white-glove treatment', handled with the utmost care and respect it deserves.

Our Services

Our services are tailored for the unique needs of County Clerks. In your pivotal role, you oversee a vast and invaluable repository of documents that form the backbone of our community's history, legal framework, and administrative functions. Recognizing the critical nature of your responsibilities, we are dedicated to assisting you in preserving, managing, and optimizing these vital records.



Document Scanning

Scanning is the process of converting paper documents to a digital format. County clerks manage a large variety of paper types and sizes. Our team has the equipment and experience to handle any document type from legal documents to oversized plats and maps.



Document Preservation

Document preservation prevents further wear and tear of historical documents and makes sure they will be in use forever. Without treatment, paper documents will eventually become illegible over time.



Document Restoration

Document restoration services turn back the clock on paper documents and ensure they are usable for centuries to come. Paper documents deteriorate after years of use and handling. Restoration brings these documents back to their original state for long-term preservation.



Document Image Enhancement

Document image enhancement improves the clarity and readability of scanned images. We deploy image enhancement software and techniques that significantly improve image quality after document scanning. This stage is critical when dealing with historical records, especially photostats, handwritten documents, seals, and signatures. Our software developers have fine-tuned our proprietary software over multiple decades and tens of millions of scanned images.



Document Indexing

Document indexing helps organize digital documents so that users can quickly and easily retrieve information based on predetermined index fields. The fields used to organize documents vary based on document type, software used, and county requirements.



Document Redaction

County clerks are responsible for public-facing documents that contain a large amount of sensitive information. Our redaction services ensure that all information is safeguarded from cybercriminals and that documents are secure for public use.

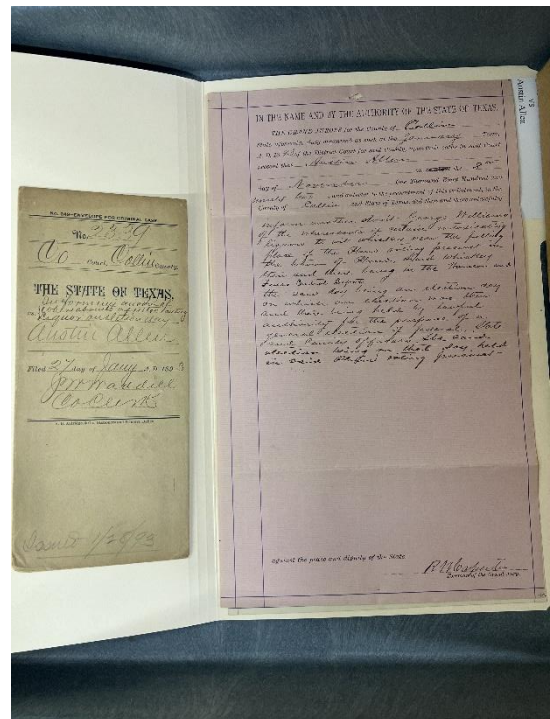
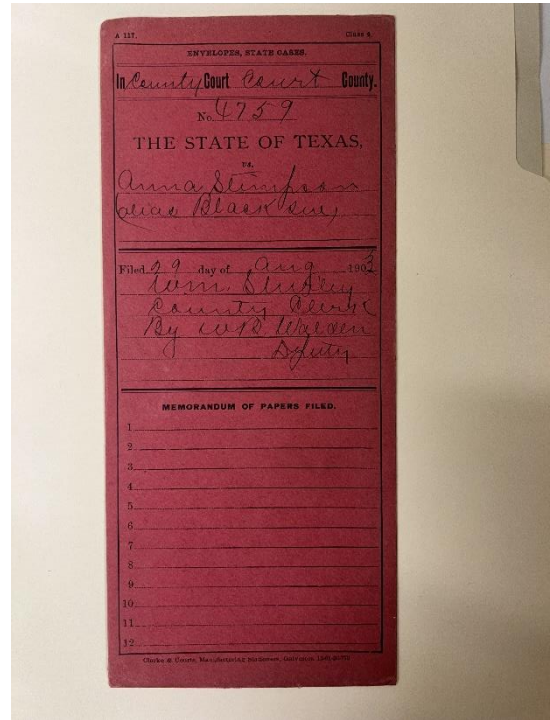
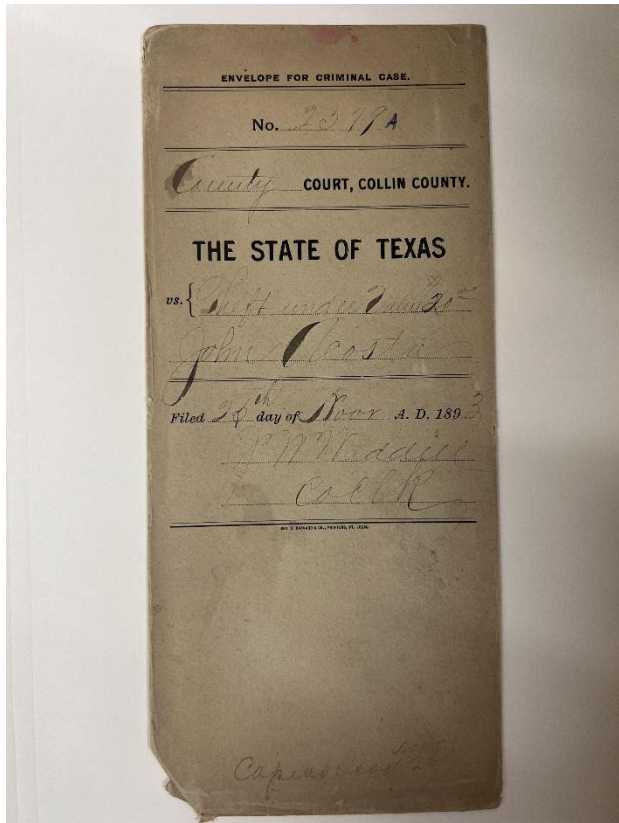
Assumptions

The following assumptions are based on a survey conducted by Lizzy Newton and notes provided by CCC on September 20, 2024. Please thoroughly examine each detail, noting that these are preliminary estimates and may change depending on the actual scope of the project.

Range and Volume Estimates:

Criminal Case Files:

- Total Estimated Pages: 79,388
- Range: Box 32-A-13 through Box 33-B-28
 - 61 boxes total
- Estimated 10 pages per case
- Ranges provided by CCC



Statement of Work

Phase 1: Digitization

RDS will scan and index case files. RDS will box, log, and transport records to RDS facility.

Scanning:

- Records will be scanned at 300dpi greyscale to ensure high quality scanned images.
- Records that contain pages attached by binders; staples, paper clips, tape may be removed and will be scanned in order.
- Once scanned, pages will be placed back, in order received.
- All misfiles (records found in the incorrect folder) will be corrected as found.

Digital Image Enhancement:

Each scanned record will be enhanced using the following automated and manual processes to ensure the highest quality images possible:

- Deskewing: If the orientation of paper fed into scanners is slightly off-center, the resulting digital image may be skewed and needs to be straightened before QC and further processing.
- Image cropping: Cropping removes unneeded borders, makes the image easier to read and reduces the file size for more efficient storage. Our software auto-crop functionality processes large volumes of files accurately.
- Automatic contrast: Scanned images of old documents often require adjustments in their contrast to make the words more legible. Our enhancement tools can automatically detect issues in contrast and adjust the relative lightness and darkness of different areas of the page and adjust them to more uniform levels.
- Despeckle images: Old documents with an uneven page tone result in scanned images with high levels of 'noise' or unnecessary speckles on the final image. Our despeckling algorithms remove noise and produce a superior quality final image with an even tone.
- Manual Enhancement: Most record collections contain pages that are barely legible that require special care. Our specialists take each image and manually enhance each section of the page to make sure every letter, stamp, date, signature is as legible as humanly possible.

Document Indexing:

- **Quality Guarantee for Index Data:** RDS shall utilize manual human indexing and auto-indexing software in tandem to produce a 100 percent accurate database of index data. All fields are manually verified by (2) separate indexers to ensure data is completely accurate.
- For data that cannot be read to 100 percent accuracy by the human eye (smudged ink, faded ink, missing fields, etc.), RDS shall create an exceptions report. Once the missing data is verified, the data will be added to the final deliverable.
- **Indexing Rule Building.** RDS will interview your staff via email and phone calls to create a set of rules to apply across the entire collection. This step is the most important as each data field is mapped out for our data entry team. Once the rules are created, RDS will index a sample of instruments and provide them to you for final signoff.
- **Indexing of Case Files.** Data entry specialists will index each instrument to capture all necessary data including but not limited to:
 - Case File Number
 - Plaintiff
 - Defendant
 - Filed Date
- **Exceptions Reporting.** Historical record collections often include incomplete or illegible data. These are labeled as exceptions. RDS will provide an Exceptions Report to County that details all exceptions. County will have the ability to correct exceptions before data is loaded into their system.
- **Data Formatting and Output to Laserfiche.** RDS will format the data for import into County's Laserfiche system. RDS will send all data and associated digital images to County's software provider.

Media Compilation & Delivery:

Data will be formatted and delivered in accordance with Laserfiche specifications. Client will receive all images and metadata on a physical storage device of their choice. RDS is not responsible for any fees associated with software providers.

Phase 2: Preservation

Preservation begins with a detailed assessment of each page's condition, followed by stages of cleaning, repair removal, washing, deacidification, and mending. The final steps include the encapsulation and binding of pages for long-term preservation, with all actions meticulously recorded in line with professional conservation standards. *(Not all services are applicable to this project.)*

1. Assessment:

A comprehensive assessment of each page's condition shall be conducted. This assessment will identify the extent of surface contamination, presence of accretions like insect specks and mold residue, and the presence of any past repairs or tapes on the pages.

2. Surface Cleaning:

Superficial grime, dirt, and soot shall be gently removed using soft brushes, powdered erasers, or soft block erasers. For the removal of accretions like insect specks and mold residue, a small sharp tool such as a spatula will be utilized.

3. Removal of Old Repairs and Tape:

Any past repairs made with harmful materials like rubber cement and most tapes will be carefully removed. Repairs made with water-based adhesives will be addressed through a water bath, moisture, or steam. Synthetic adhesives and pressure-sensitive tapes requiring organic solvent removal will be treated accordingly.

4. Washing of Pages:

When appropriate, immersion of pages in water will be conducted to aid in dirt removal and stain reduction. This process will also help reduce acidity, a major cause of paper deterioration. Prior to washing, a solubility test will be performed on every ink and color to ensure media stability during the washing process. Controlled alkaline material may be added to the water in certain cases to enhance the cleaning process.

5. Deacidification of Pages:

Deacidification will be carried out aqueously or nonaqueously. The treatment aims to neutralize acids and deposit a buffer in the paper to protect it from future acid formation. Careful consideration will be given to materials that might be altered by deacidification. Pages with colors or high-quality fibers may not require deacidification.

6. Mending, Filling, and Guarding Pages:

Tears in pages will be meticulously repaired using thin strips of Japanese paper and a starch paste or conservation-quality adhesive. In cases of holes or losses, options like inlays of Japanese paper pulp or paper like the original in weight, texture, and color will be considered.

7. Encapsulation in Mylar Film and Post-Binding:

All pages will be encapsulated in mylar film. Where there is no handwritten or typed script, two pages will be placed in each Mylar sleeve. Mylar film will be sealed along three edges using ultrasonic welding. The encapsulated pages will be bound together in post-bound document binders.

8. Documentation of Treatment:

Thorough written and photographic records will be prepared, in accordance with the Code of Ethics of the American Institute for Conservation. These records will detail the collections condition prior to treatment, and the specific procedures and materials used.

Project Location:

RDS will transport the records to their secure scanning facility. RDS will work with CCC to determine exact dates/times for each pickup/delivery.

Records Access:

It is extremely important that operations are not affected during projects. When a county employee or researcher needs a document in our possession, our document request team fulfills orders by sending a digital copy of the requested document(s). To request a record, email RecordRequests@revolutiondatasystems.com with the required book and page numbers. Optionally, call 945-235-8600 to speak to a live operator. Our operators are available Monday through Friday from 8:00AM to 4:30 PM CST.

Professional Services Pricing

Complimentary Additional Services

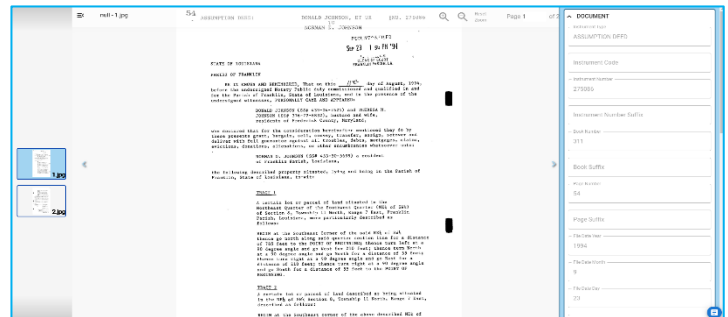
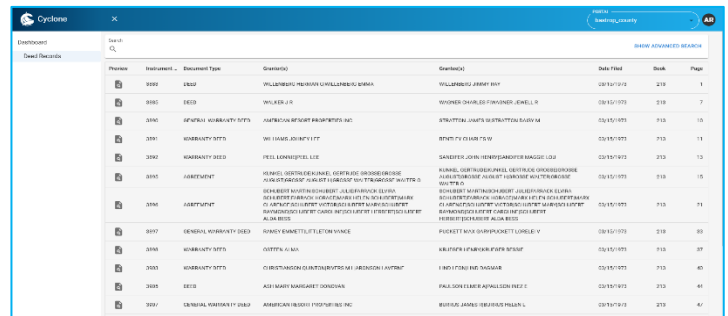
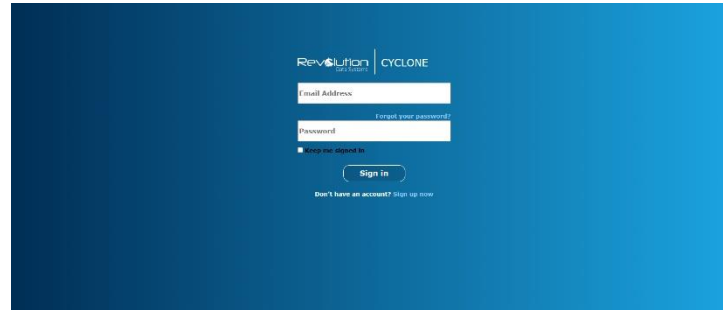
In addition to the core preservation and digitization projects, Revolution Data Systems is excited to offer Collin County software at no cost. This gesture reflects our appreciation and enthusiasm for the opportunity to work together, as well as our commitment to supporting Collin County's efforts to preserve its invaluable records. The complimentary Cyclone records management system will further enhance the long-term protection, organization, and accessibility of the county's criminal case records.

Cyclone Records Management System

As part of our commitment to delivering lasting value to Collin County, we are pleased to provide the Cyclone Records Management System as a complimentary addition to this project. Cyclone is an innovative records management solution purpose built for public sector needs, allowing seamless organization, storage, and retrieval of essential records. By integrating Cyclone with Collin County's preserved probate and criminal case records, we are ensuring that these digital assets are easily accessible, securely managed, and effectively organized for future use.

Our offer includes the software and services to implement and train users to manage Criminal and Probate records for 3 years. If Collin County elects to continue using the software beyond this term, the County will only be responsible for the monthly maintenance going forward.

If the County elects, not to use the software, RDS will export and send all data to County within 90 days at no cost to county.



| Cyclone Records Management System | | | |
|---|------------|--------|--------------------|
| Description | Unit Price | Volume | Total |
| Application build and system setup | \$4,500.00 | 2 | \$9,000.00 |
| Monthly Subscription per user (3 users @ 36 months) | \$825.00 | 36 | \$29,700.00 |
| Professional services | \$225.00 | 80 | \$18,000.00 |
| Total for 3 years | | | \$56,700.00 |

Project Cost Summary for Collin County Records Preservation and Digitization

| Collin County Clerk Criminal Case File Preservation and Digitization | | | |
|---|-------------------|-------------------------|---------------------|
| Services | Unit Price | Estimated Volume | Total |
| Regular Format Preservation + Scanning + Microfilm | \$6.75 | 72,171 | \$487,154.25 |
| Archival Record Binder | \$825.00 | 120 | \$99,000.00 |
| Archival Indexing of Case Files | \$2.85 | 7,217 | \$20,568.45 |
| Additional Roll of Archival Microfilm 16MM | \$0.05 | 72,171 | \$3,608.55 |
| Pickup and Delivery | \$500.00 | 2 | \$1,000.00 |
| Cyclone Software and Service Total | \$56,700.00 | 3 Years | \$56,700.00 |
| Subtotal | | | \$668,031.25 |
| Less Complimentary Services | | | \$56,700.00 |
| Total Price for Preservation and Digitization | | | \$611,331.25 |

Pricing Assumptions and Guidelines

- RDS does not charge to deacidify blank sides of pages.
- RDS will charge for the actual number of pickup/delivery trips, pages, images, and instruments.
- RDS assumes 2 pages per Mylar sleeve.
- Any handwritten or typed information on the back side of a page will constitute its own Mylar sleeve (1 page per sleeve).

Acceptance

Upon signature, RDS will build a work order detailing the project schedule.

 Michelle Charnoski
 Collin County Purchasing Agent

 Date

Our Promise to You

We ensure your complete satisfaction. If any image or index falls short, we'll swiftly correct it, at no additional cost. We'll see your project through to completion, working with your software provider until the records are seamlessly integrated into your system.

Limitation of Liability. IN NO EVENT, SHALL REVOLUTION DATA SYSTEMS (RDS) BE LIABLE FOR LOST PROFITS OR SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, LIQUIDATED OR PUNITIVE DAMAGES EVEN IF RDS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. In any event, RDS's liability in the aggregate shall not exceed the amount received by RDS from Customer under the Agreement during the Term of associated Addendum(s). No action under the Agreement may be brought by either party more than one year after the cause of action occurred, except that an action for nonpayment may be brought within one year after the date of last payment.

Acceptance. The client is responsible for ensuring that the assumptions are correct and agrees to all upon signature of this agreement. RDS will make necessary corrections to data within (6) months from the final deliverables date of postage or electronic transfer. If no issues are raised within (6) months from the date of data delivery the customer agrees and acknowledges that all data is correct and accepted thus requiring no changes. If the customer deems changes are required after (6) months from the date of data delivery such services fall outside of this agreement and are subject to charges by RDS.

Work Period. Project work periods are estimates and begin from the time in which final samples are approved and accepted in writing by the customer. RDS is not responsible for project delays outside of RDS's control during the sample approval process or post-delivery of data by RDS to the software vendor.

Fees. Fees for the services are as specified. Fees are subject to change if; a) the actual number of estimated counts differ from the data collected by either party and reflected in this agreement or, b) the parties mutually agree to changes in the scope of services in writing that requiring a possible change in pricing. Customer will be notified of any changes as early as possible, however inaccurate estimates do occur and cannot always be identified prior to final invoicing constituting a greater or less than final total from the total reflected within this agreement. The customer understands the possibility for increases in the final total based upon inaccurate estimated counts and agrees to pay for such increases.

Disclaimer of Warranty. EXCEPT AS SPECIFICALLY SET FORTH HEREIN, NEITHER RDS NOR ANY OF ITS VENDORS MAKES ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE IMAGES MADE AVAILABLE THROUGH THIS

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