

GIS GEO Tracker

Courthouse Research Specialists Inc. now offers Surveying Project Management software as a service. Please contact us for a demonstration of the software and more information on purchasing details at www.crstex.com.

Product Description:

The **GIS GEO Tracker** is a web-based interactive GIS mapping and documents management application used to track Surveying and related services for corridor projects. An authorized user, with password-protected internet login, can use the GIS GEO Tracker to track the steps required to complete RESEARCH, RIGHT OF ENTRY, SURVEY, TITLE COMMITMENT, ENVIRONMENTAL EVALUATION, and RIGHT OF WAY ACQUISITION tasks.

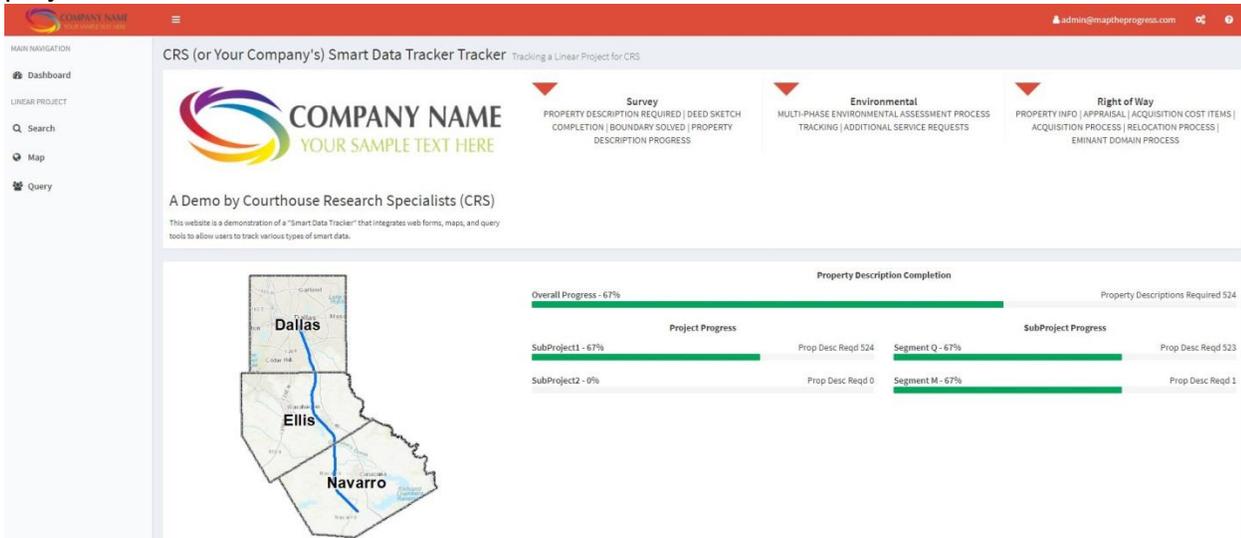
Deeds, maps, plats, title commitments, field notes, pictures, right of entry letters, Phase 1 Environmental Site Assessments, offer letters, and parcel acquisition documents may be uploaded, downloaded, edited, and tracked. The progress and status of each parcel can be monitored so any issues may be identified and addressed early to maintain the project schedule. A variety of permission and access levels, such as “read-only” for Survey tasks or “upload, edit, and delete” for Right of Way Acquisition tasks, may be granted based on a user’s role in the project to ensure sensitive information protected.

Status reports are easy to generate on the fly and export to Excel. No special software is needed to access or use this browser-based system. The GIS GEO Tracker is accessible via smart phone or tablet for easy use by personnel in the field. In fact, there is a blue dot on the screen that shows the real-time position of any GPS enabled device accessing the GIS GEO Tracker.

An added feature of the GIS GEO Tracker is the ability to create TxDOT ArcGIS ROW mapping deliverables. Properly formatted DGN files are imported into the GIS GEO Tracker. Proper DGN formatting such as level names, and symbology is key to avoid a "garbage in, garbage out" situation. The GIS GEO Tracker then uses TxDOT's ArcGIS geodatabase template and some data already contained within the Smart Tracker (such as ROW CSJ number) to export properly named and formatted ArcGIS ROW Mapping deliverables. Future revisions will follow this same process and be renamed using 1a, 1b, etc., at the end of the file name to provide version control

GIS GEO Tracker User Interface Screenshots:

1. GIS GEO Tracker “Dashboard” or landing page upon successful login. Bar graphs provide “at a glance” project status.

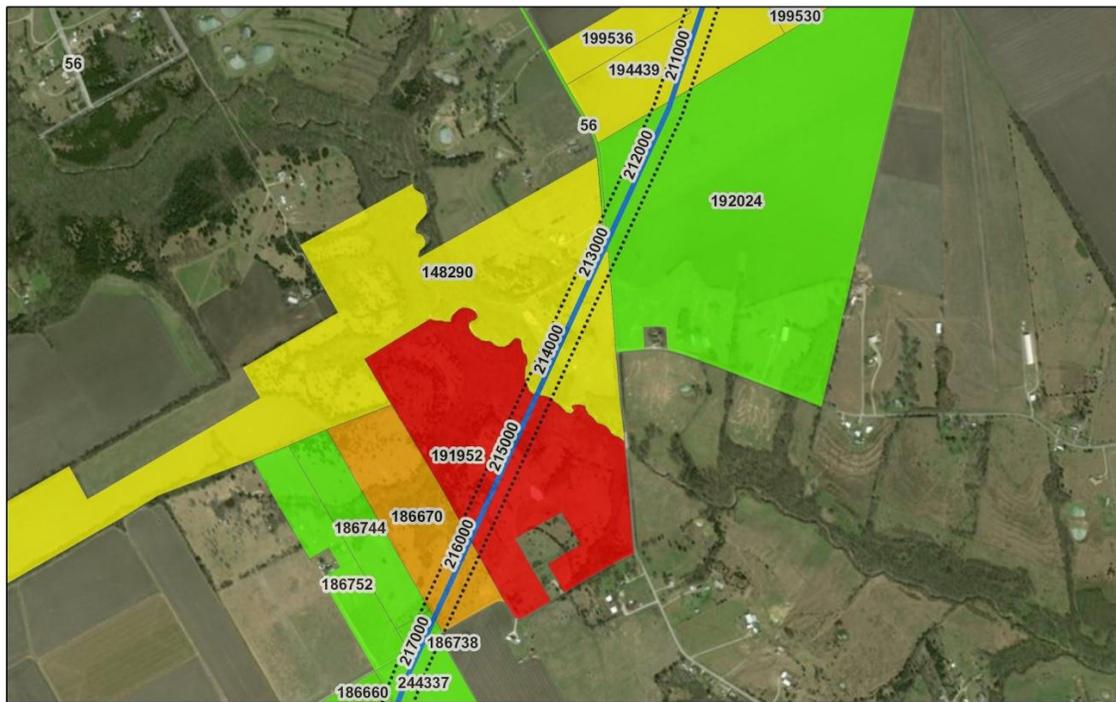


2. GIS GEO Tracker screen capture of map showing Parcel-specific Survey status, proposed centerline and ROW alignment with stationing, measurement tool, and imbedded Google Street View tool overlaid on an aerial basemap.



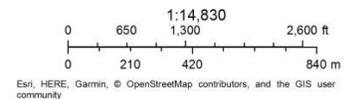
3. GIS GEO Tracker generated print showing Right of Entry Status. Field crews, environmental scientists, and appraisers can see where they can and can't go at a glance. The "blue dot" on their phone or tablet shows their real-time location on the project map.

Right of Entry Status



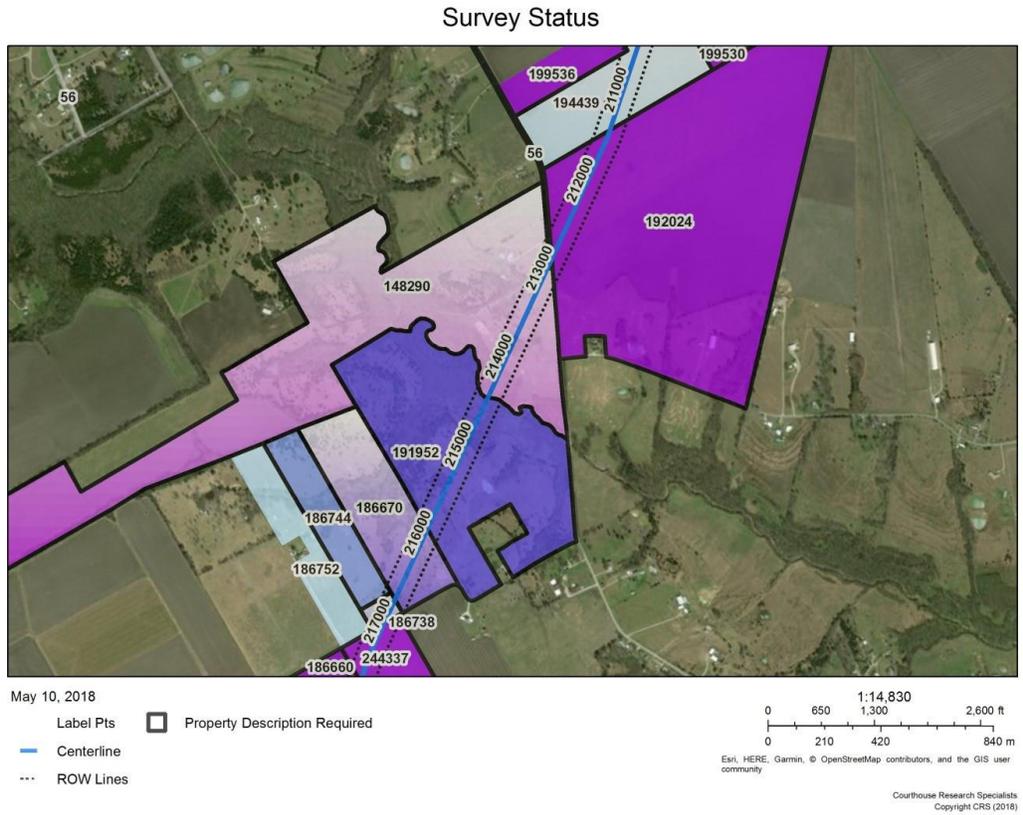
May 10, 2018

Label Pts	Right of Entry	Granted
Centerline	Wanted	Denied
ROW Lines	Granted - Advance Notice	Properties

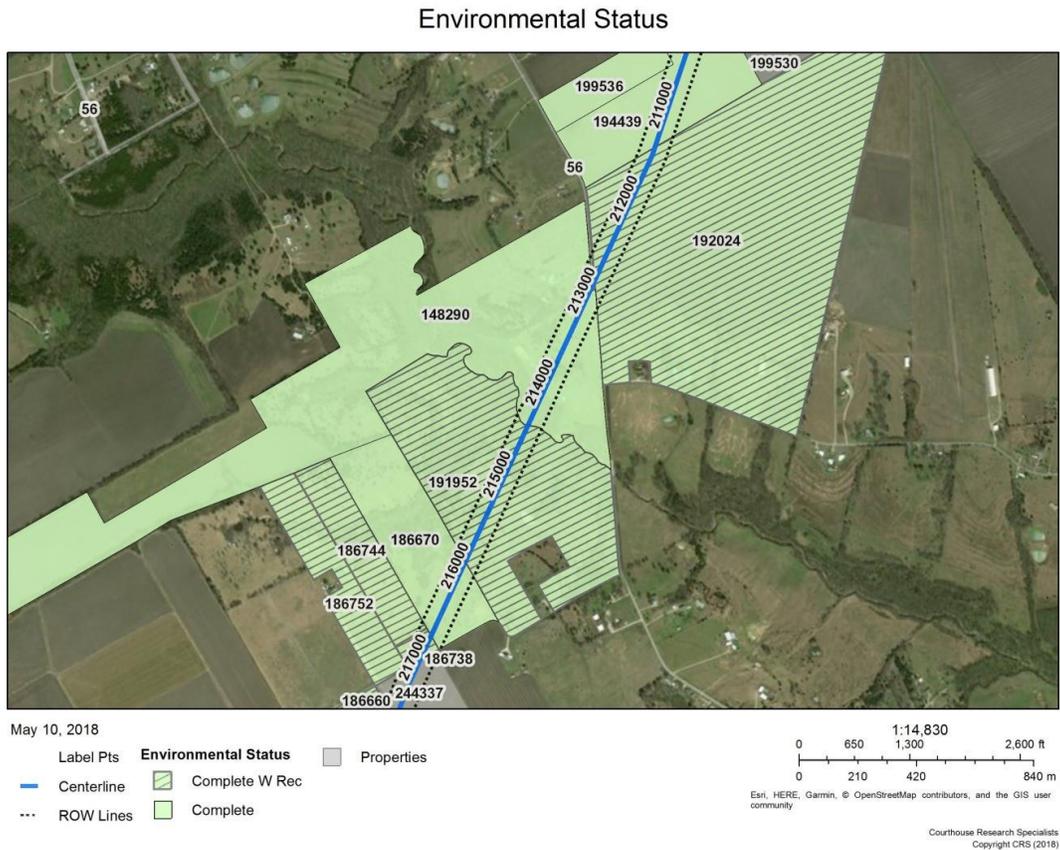


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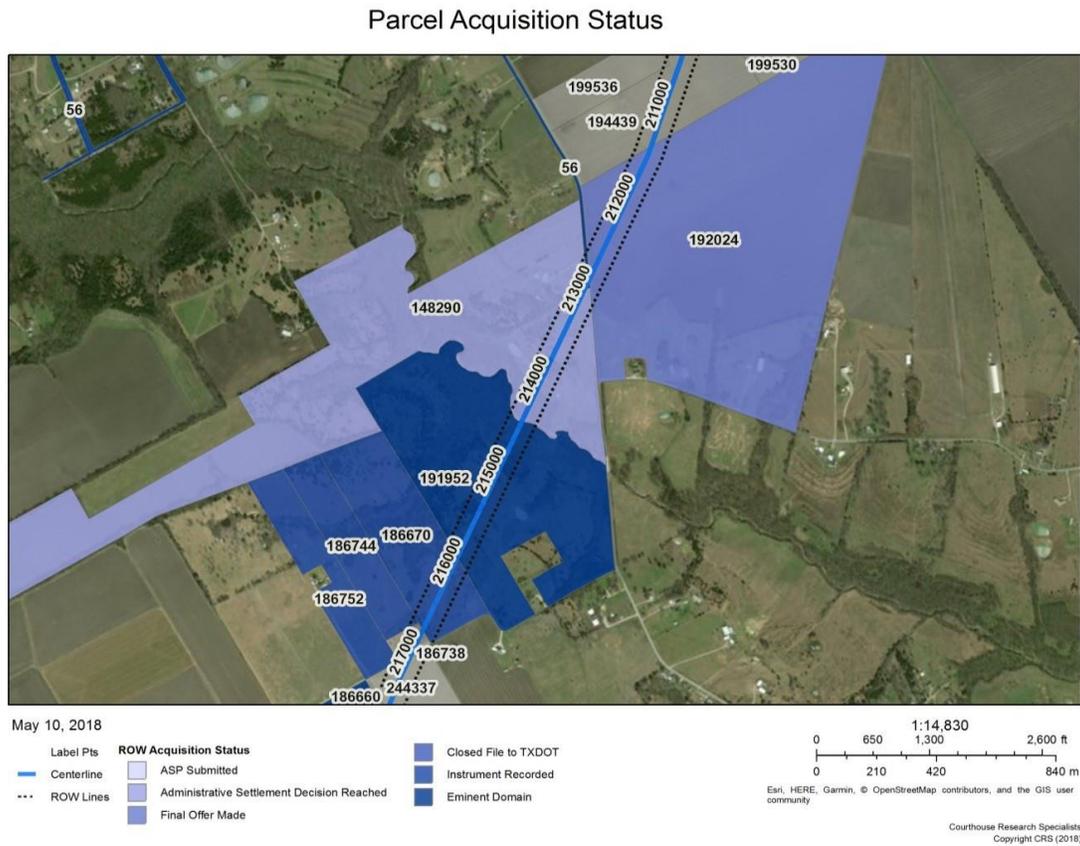
- GIS GEO Tracker generated print showing Survey Status. With this color scheme, darker colored parcels are generally further along in the Survey process.



- GIS GEO Tracker generated print showing Environmental Status. Phase I and, if needed, Phase II ESA completion status are easy to see.



- 6. GIS GEO Tracker generated print showing Parcel Acquisition Status. Appraisal, offer, and even eminent domain activities can be color coded and tracked. Priority parcels can be highlighted with exclamation points or distinctive outlines.



- 7. Screen capture of the GIS GEO Tracker query tool used to easily export a wide variety of status and tracking data to Excel. In depth project status reporting made simple.

Query Tool

Entities: Property, Owner, Right Of Entry, Survey, Right Of Way, Account Number, Property Address, Parcel Id, Station From, Station To, Legal Desc 1, Legal Desc 2, Legal Desc 3

Columns: Expression, Title
 Property Station From, Station From
 Property Station To, Station To
 Property Account Number, CAD Account Number
 Property Owner Name, Owner Name

Conditions: Select records where all of the following apply
 Property Survey Property Description ... Is true

Result: Export to Excel, Export to CSV

Station From	Station To	CAD Account Number	Owner Name	Boundary Solved	Deed Sketch Completed	Prop Desc Submitted	Prop Desc Comments Rec	Final Prop Desc Submitted	Final Prop Desc Submittal Approved
100000	100050	0000010075000000	DE IRREVOCABLE DYNASTY TRUST	2/13/2017	2/13/2017	null	null	null	null
100000	100350	0000010075000000	DALLAS AREA RAPID TRANSIT	2/13/2017	2/13/2017	null	2/12/2017	2/16/2017	2/17/2017
100050	100100	0000010075000000	CCH LAMAR PARTNERS I L P	2/13/2017	2/13/2017	null	2/12/2017	2/16/2017	2/17/2017
100050	100300	0000010075000000	DART	2/13/2017	2/13/2017	null	2/12/2017	null	null
100300	100400	0000010075000000	WISBY XIB SOUTHSIDE FLATS DALLAS	2/13/2017	2/13/2017	null	2/12/2017	2/16/2017	2/17/2017
100350	100350	0000010075000000	TORRES PAULITA T	2/13/2017	2/13/2017	null	2/12/2017	null	null
000000	000000	0000010075000000	PLAT 242 ASP & SURVY TRSBLRUIT	5/16/2017	5/16/2017	null	5/16/2017	5/16/2017	5/17/2017