LINK-GIS Partnership Solution
Right-of-Way Management

Project Types
- Coordinate 10 types of projects
- For local govt., metro govt., utilities
- Real-time, map-based project status
- Enter ROW projects into the commercial off the shelf (COTS) software. Users can filter by data range, with projects in the web editor interface. Identify projects year to year advancement. Communicate with project managers, get up and running quickly.

Project Opportunities
- ROI - Coordinate projects in same area
- Minimize impacts of ROW disruptions / closings
- Reduce citizen complaints
- The SaaS interface lets agencies find collaboration opportunities for current projects, and future projects. This also reduces the impacts on traffic, reduces citizen frustration and complaints, and generates public works dollars more than operating on their own.

Pavement Condition Index (PCI)
- Assign objective scores to pavement
- Establish Priority Projects
- Establish a 3-year paving cycle
- PCI ratings allow road segments to be prioritized based on any combination of factors such as PCI rating, Traffic Volume, Road Importance, School, Emergency Route, Scenic/Historic Route, Maintenance History, and Functional Classification.

ROI Example #1
- ROI - Savings of $36,000 on paving project
- 3,800 linear feet of water main (0.72 miles)
- Paving 70% - 80% cheaper than typical costs
- The City of Covington collaborated with the Northern Kentucky Water District to acquire paving services at a significantly reduced rate for repairing of a water main as part of a joint water main installation and paving project.

ROI Example #2
- ROI - Savings of $11,400 on paving project
- 3,827 sq. yards of paving
- Paving 65% - 72% cheaper than typical costs
- The Campbell County Public Works department collaborated with the Northern Kentucky Water District to acquire paving services at a significantly reduced rate for the construction of a new sewer line and associated sewer main.

Participating Agencies
- Kenton County
  - Bronston
  - Covington
  - Crescent Springs
  - Crestview Hills
  - Edgewood
  - Erlanger
  - Fairview
  - Fort Mitchell
  - Fort Wright
  - Independence
  - Kenton Vale
  - Lakota Park
  - Ludlow
  - Park Hills
  - Ryland Heights
  - Taylor Mill
  - Unincorp. Kenton Co.
  - Villa Hills
  - Walton (Kenton part)
  - KYTC
- Campbell County
  - Alexandria
  - Bellevue
  - California
  - Cold Spring
  - Crestview
  - Dayton
  - Fort Thomas
  - Highland Heights
  - Melbourne
  - Mentor
  - Newport
  - Silver Grove
  - Southgate
  - Wylde
  - Woodlawn
  - Unincorp. Campbell Co.
  - KYTC
- NKY Utilities
  - Duke Energy
  - Cincinnati Bell
  - OWEN Electric
  - Towne Warner Cable
  - Sanitation District #1
  - NKY Water District

Accela
Initial ROI w/COTS for partners - $46,000
2010-2011 - $48,000 Covington / FL Thomas
2011-2012 - Unavailable
2012-2013 - $65,000 ROI estimated
2014-2015 - $75,000 ROI estimated
2015-2016 - Unavailable
2016-2017 - $80,201 ROI NKWD
- $109,000 Direct Cost (Data Updates, Operations)
Total Life Cycle ROI (2010-2017) = $222,201

The LINK-GIS Partnership has been using Software As A Service (SaaS) to manage right-of-way (ROW) projects since 2010. One of the primary benefits of this approach is that ROW improvements can be made by multiple agencies at the same time, saving both time and money. Total Life Cycle ROI to date exceeds $222,000. More information can be found at linkgis.org.