

Construction Management

Services to Deliver Large Projects

SERVICE SUMMARY

- Single point of accountability for multi-vendor crews
- Clear and accurate communication of status
- Projects on-time, on-budget
- Integral part of Service Provider operations



SERVICES OVERVIEW

Ever-increasing bandwidth demands drive Service Providers to push fiber deeper into their networks, to split their access networks and to extend the digital portion out to the node. New revenue opportunities also drive network upgrades and construction whether for Metro Ethernet, Cell Tower Backhaul or growing Business Services accounts seeking high bandwidth wired and wireless access. The bottom line is that Service Provider construction crews and leadership are stretched.

Construction Management Services from ARRIS provide operators an alternative to Do-It-Yourself construction projects. In preparation for the project our construction management teams perform walkout, design and permitting. We then help create Requests for Proposal and assist in the selection of construction partners— often from multiple companies. We have disciplined Program Managements processes and tools to drive accountability and meet schedule and budget on successful, large construction projects. We ensure the timely supply of materials for the project and facilitate responsible disposition of retired assets. During construction we manage the build crews and handle field design update for the project. And, before turning over a project we perform quality control testing and remediate and optimize any shortfalls.



ARRIS Full Service, End-to-End Construction Management

From Project Plan to Project Acceptance, ARRIS works as part of your team to ensure construction projects meet their goals. This can include:

- Identifying and documenting acceptance criteria
- Monitoring and controlling the entire program
- Establishing a schedule for all work
- Mapping work locations
- Outside plant walkout/survey, design & permitting
- Managing 3rd parties/contractors
- Issuing and monitoring work assignments
- Managing & inventory of materials
- Managing discrepancies
- Tracking project risk
- Communicating status against key milestones
- Providing a monthly forecast
- Insuring invoices are delivered
- Providing a weekly status and reporting on:
 - Production
 - Materials
 - Financials
 - Completed activity
- Managing a change control process
- Testing and documentation of completed work

Other Integrated Services Available

- Inside plant design and installation
- As-builts
- Fiber/fiber enclosure audit & documentation
- Outside plant engineering and design customized to the operator’s design standards

	Design and Documentation Programs Certified and/or Trained									
	Bentley	Spatial	Lode Data	AutoCad	Visio	MapInfo Pro	IBWave	Forsk/ Atoll	Ekahau	Google Earth
RF Design Indoor	X	X	X	X			X	X		
RF Design Outdoor	X	X	X	X			X	X		X
RF Design Outdoor with Terrain	X	X		X			X	X		X
Drafting Floorplans	X			X	X	X	X			
WiFi Network Design	X			X	X	X	X		X	X

Why ARRIS?

When you choose ARRIS for construction management we own program delivery from design through migration and close-out. We tightly manage to your timelines. We design and document using your tools and your design language. We coordinate with operations and respect all moratoriums and maintenance windows. We help you get new networks built so that they can generate revenue and/or cost savings sooner.

As part of CommScope, ARRIS can provide a full turnkey solution. Ask about fiber/coax/copper connectivity and cabling, splicing and protection, outside plant enclosures, terminals and cabinets and efficient supply chain solutions.

MORE INFORMATION

Contact GlobalServicesMarketing@arris.com or your local account manager for more information.