

INTELLIGENT TRANSPORTATION SYSTEMS CONSULTING SERVICES

More than 5.8 million crashes occur each year on U.S. roadways, and traffic congestion is at an all-time high. Drivers spend the equivalent of one work week and three weeks' worth of gas sitting in traffic each year. Combined with a deteriorating infrastructure, increasing costs and shrinking budgets, our transportation system is facing significant challenges.

As we have to do more with less, we need to more efficiently use the existing assets we have, while building smarter infrastructure to meet future demands. By utilizing intelligent transportation systems (ITS), agencies can leverage wireless technology to save time, lives and money.

Using Technology to Make Roadways Safer

RCC helps transportation agencies integrate communications to develop smarter highways. We provide consulting and engineering support for ITS and critical transportation infrastructure throughout the country.

We support all aspects of wireless voice and data systems, including land mobile radio and microwave-hardened networks that support voice, mobile and fixed data applications. These systems support the delivery of efficient and reliable transportation services by enabling the use of ITS applications, traffic management systems, motorist aid safety systems, mobile voice/data, automatic location systems and road weather information systems.

An Industry Leader Since 1983

RCC has been a leader in voice and data communications for more than a quarter of a century. We have designed and optimized mission-critical systems and networks for transportation agencies, airports and ports.

RCC can help you with:

- Strategic Planning
- Daily and Emergency Operations Planning
- Business Continuity Planning
- System Design
- RF Engineering
- Microwave and Network Design
- Procurement Support
- Grants Identification, Application and Management
- Implementation Management
- System Optimization
- Outsourcing Services



REGISTER
FEMA
ASSIST

BROAD AND DIVERSE EXPERIENCE

RCC provides expertise in the mission-critical systems and technologies that our transportation clients use, including:

- Addressing/Mapping Systems
- Advanced Traffic Management Systems (ATMS)
- Automatic Vehicle Location Systems (AVL)
- Closed Circuit Cable TV Systems (CCTV)
- Communications and Dispatch Centers
- Computer Aided Dispatch (CAD)
- Fiber Optic Transmission Systems
- Geographic Information Systems (GIS)
- Grounding and Lightning Protection
- Intelligent Transportation Systems (ITS)
- Local, Wide and Metropolitan Area Networks
- Microwave Transmission Systems
- Mobile Data Systems
- Mobile Radio Systems - Trunked and Conventional
- Road Weather Information Systems (RWIS)
- Security, Surveillance and Alarm Systems
- SCADA Systems

RCC HAS PROVIDED ITS SUPPORT FOR CLIENTS ACROSS THE COUNTRY, INCLUDING:

Florida Dept. of Transportation: RCC designed and specified a statewide 47 MHz VHF repeater radio system, provided technical expertise to design several ITS communications systems and helped improve specifications for grounding and lightning protection of ITS facilities and infrastructure.

Port Authority of NY and NJ: RCC developed a more efficient mutual aid RF signal distribution method that increased interoperability in tunnels and train stations, and saved the Port Authority more than \$900,000 in equipment costs.

Honolulu Joint Transportation Center: RCC assisted in the completion of building systems identification, design criteria, and migration plan for the joint traffic management and public safety dispatch center.

Missouri Dept. of Transportation: RCC identified wireless voice and data technologies necessary to support mobile data and ITS applications for the state's nine participating regions.

WHY CHOOSE RCC

RCC will help you plan and implement communications technologies that meet your needs, today and tomorrow.

We differentiate ourselves in three key areas:

EXPERIENCE

For nearly 30 years, RCC has focused on helping local governments, public safety agencies, transportation agencies, educational institutions and private companies meet their communications needs. We have completed more than 4,000 communications-related projects for clients around the world.

TECHNOLOGY

Our broad range of technical expertise includes the assessment, planning, design, procurement and implementation of everything your agency will need to take advantage of telecommunications technologies. Our teams are some of the most experienced in the industry, and use the latest technologies to maximize return on investment for our clients.

INDEPENDENCE

RCC is completely neutral, unbiased and independent, focused only on providing the best custom solution for you.

RCC Consultants – Supporting the public safety community since 1983.



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