ELECTRIC, AUTONOMOUS, CONNECTED & INTELLIGENT TRANSPORTATION SYSTEMS

Electric, connected, and autonomous vehicles are a reality that are transforming our industry. Successful transportation infrastructure improvements require a deep understanding of current technologies and trends and focus on planning, designing, and implementing operational advancements that enhance safety and reliability.

THE DKS APPROACH

DKS is employing transportation technology to better manage multimodal transportation corridors and provide real-time travel conditions to help travelers make informed choices. We plan, design, and implement smart transportation technology to optimize transportation network efficiency. Our approach includes:

- Smart City Planning
- Transportation System Management and Operations Plans
- Long-Range Plans
- Corridor Plans
- Modal Plans
- Policy Development
- Electric Vehicle Charging Infrastructure, Planning, and Design
- Regional Concept of Transportation Operations
- ITS Architecture
- Systems Engineering Analysis
- Network Engineering
- Systems Design
- Concepts of Operation and System Requirements
- Construction Support Services: System Integration, Validation/Verification Testing
- Before and After Evaluations
- National and Local Research

DKS

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ELECTRIC VEHICLE CHARGING PLANNING & DESIGN

DKS provides a full-range of electric vehicle (EV) charging support services from planning to design, and has been helping clients prepare for electromobility by planning fleet, community, workplace, and residential EV charging infrastructure. We are currently designing EV charging stations on a variety of sites and are collaborating with EVSE providers to supply commercial ride hailing fleets. Our services include:

Planning infrastructure including sites for fleet, workplace, residential, public right-of-way, destination, and shared mobility EV charging.

Financial support for EV charger deployment including acquisition of grants and in-kind contributions of EV charging infrastructure from utilities, public agencies, and EV charging networks.

Coordination with utilities, regulatory agencies, EV charging providers, and networks through deployment.

Design of EV charging sites serving Level 2 and DC Fast Chargers including construction documentation, construction supervision, regulatory compliance, and coordination with local utilities.

TO LEARN MORE, PLEASE CONTACT:

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