SOLUTIONS THAT MOVE PEOPLE

For over 75 years, CDR Maguire has been a mainstay of architecture and engineering. Founded in New England, the company is a national, multi-award winning firm known for responsiveness to our clients, the creativity of our designs, the quality of our work, and the expertise of our staff. We are involved in the planning, design, and construction management of some of the country’s most notable projects.

Today, there is renewed excitement and energy at CDR Maguire. We serve as an extension of our clients and instill passion, dedication, and loyalty in everything we do. You can expect a hands-on approach from ownership and senior management delivered with honesty, and above all, integrity.

As the owner and president of CDR Maguire, it’s my personal goal to build on our rich history and lead the company into the future. We’ll continue to be a top engineering consultant, and we’ll accomplish this by providing innovative solutions with the highest level of service using the most experienced personnel. You can expect national resources available on any project, but with local, personalized attention.

Thank you for your interest in the CDR Maguire family. We look forward to being your consultant of choice on your next project.

Sincerely,

Carlos A Duart
President & Owner of CDR Maguire

CDR MAGUIRE IS DEDICATED TO INNOVATIVE IDEAS AND APPROACHES. FROM TRANSPORTATION TO ARCHITECTURE AND DESIGN, WE PROVIDE THE SOLUTIONS THAT MOVE PEOPLE.
CDR Maguire continues to build on our rich and proud history of over 75 years in the development of our nation’s transportation network and infrastructure. From the design of the original I-93 Fitzgerald Expressway in Boston (1940s) to Boston’s Central Artery “The Big Dig” (1990s), the relocation of I-195 in Providence (1987 to 2013), LaGuardia Airport reconstruction (2013), and the design of the Beaver River Bridge in Pittsburgh (2009-2013), our transportation solutions move people.

Many of our transportation projects have been industry firsts, paving the way to innovation and success for our clients. CDR Maguire designed the first Network Arch Bridge in the United States, which was featured on the History Channel as it floated on the Providence River to its final destination. CDR Maguire also pioneered the way as the first firm in Massachusetts to use heavy lift construction methods.

Today, that innovation continues to drive us, as we are the first U.S. firm to implement a systematic approach to service life design of bridges to last over 100 years. CDR Maguire’s decades of transportation experience, availability of resources, and use of the latest technology allows us the ability to complete even the most complex transportation projects.

Regardless of size or scope, we can assist with any portion of the infrastructure design process, from initial feasibility studies and design study reports to final project plans, specifications, and estimates.

IWAY-195 RELOCATION, PROVIDENCE, RI

A new fully directional interchange between I-195 and I-95 | 16 new bridges including the Iway Bridge | A 400-ft network arch | 1.5 miles of new eight-lane interstate highway | Two miles of reconstruction and realignment of existing interstate | Five miles of city street construction | 22 separate drainage systems with 600 structures | 10 miles of pipe and 25 outfalls | 35,000 feet of utility relocation | 80 property acquisitions | Rigid and flexible pavement designs.
SERVICES

BRIDGE DESIGN
HIGHWAY/ROADWAY DESIGN
CONSTRUCTION MANAGEMENT & INSPECTION
TRAFFIC ENGINEERING
TRANSPORTATION PLANNING
MASS TRANSIT/RAIL
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL CLEARANCE/PERMITTING
HYDRAULICS & DRAINAGE DESIGN
BIKEWAYS & MULTI-USE PATHS
GEOTECHNICAL ENGINEERING
CDR Maguire provides comprehensive site engineering services from planning through design, permitting, and construction. Our attention to detail and innovative designs satisfy today's functional needs while helping to eliminate tomorrow's maintenance costs. This leads to a greater return on investment for our clients.

From initial regulatory approvals to final build-out, we have significant experience and technical knowledge from a list of educational, public safety, office, recreational, resort, mixed-use, industrial, and municipal projects. Our expertise in a diverse range of specialized areas (site selection and utilization, feasibility studies, utilities assessment, site/civil engineering design, and permitting) compliments other service lines such as Architecture and Owner's Project Management.

As part of our water resource expertise, CDR Maguire offers comprehensive consulting services to public clients facing challenges with both new and aging infrastructure, as well as environmental and regulatory guidelines, orders, program funding, and limited staff resources. Our experience encompasses all facets of surface water and groundwater management including water supply, drainage, environmental regulations, stream restoration, wastewater management, and dam design and construction. CDR Maguire is your single source for civil engineering solutions.

OAK BLUFFS FERRY TERMINAL EXPANSION, MARTHA’S VINEYARD, MA

Intermodal facility | Local public participation program | Concrete pier construction | Site improvements | Federal, state and local permitting | ADA-accessible passenger walkway | Spin Fin® pile testing and monitoring | Historically sensitive appearance.
SERVICES

WATER/WASTEWATER ENGINEERING
DAM ENGINEERING
LAND DEVELOPMENT
MARINE ENGINEERING
GRANT WRITING & MANAGEMENT
ENVIRONMENTAL COMPLIANCE
UTILITY DESIGN
PERMITTING
CONSTRUCTION ENGINEERING & INSPECTION
**Minimize Impact, Maximize Recovery**

Disasters, whether man-made or natural, are unpredictable and can happen at any time. Through a range of pre- and post-incident measures, CDR Maguire advises our clients on how to prepare for, respond to, and mitigate against events before they occur. If incidents do happen, our team is ready at a moment’s notice to ensure your community can effectively recover as well as mitigate against future damages.

CDR Maguire understands that planning and training are the cornerstones of any emergency management program. Our experience on the local, county, state, and federal levels will ensure your community is well prepared to respond to and recover from any event. We provide full-service emergency management planning, training, and exercise capabilities, including specialized knowledge in public health and hospital preparedness.

Our staff's combined years of experience puts us at the forefront of disaster recovery management and will provide you the most effective and cost-efficient recovery possible. Our emergency management team works side-by-side with our clients to maximize recovery dollars and ensure resiliency.

Whether your community is preparing for the next disaster or recovering from one, our emergency management experts are available to help you.

**RHODE ISLAND MARCH 2010 FLOODS**

Disaster debris monitoring and post-disaster technical assistance | FEMA Project Worksheet development and closeout - CDBG-DR, EDA, and HMGP grant development | Hazard mitigation and planning.
SERVICES

BEFORE: MITIGATION & PREPAREDNESS
Assessment & Risk Prevention
Plan, Policy, & Procedure Development
Training & Exercises
Emergency & Hazard Mitigation Planning
Grant Writing & Administration
Project Management
Continuity of Operations

AFTER: RECOVERY & RESILIENCY
Public Assistance Consulting
Debris Management & Monitoring
Mitigation
CDBG-DR
Client Education & Training
CDR Disaster Pro
Innovative & Complimentary Services

Westerly, RI (Hurricane Sandy)
Neptune, NJ (Training Exercise)
Larimer County, CO (2013 Floods)
From **Concept** to **Construction**

Architecture inspires us. The design of our surroundings affects our attitudes, moods, and productivity. Since our firm’s inception, we’ve sought to combine creativity with innovative thought and functional planning to produce environments that meet logistical needs, budgetary constraints, and the visions of our clients.

Our design process is a collaborative, participatory partnership capitalizing on the multidisciplinary resources we have at our disposal. We’ve worked on a variety of projects in both the private and public sectors, and our award-winning designs range from public safety facilities to educational facilities, college campuses, parking garages, and administrative buildings.

CDR Maguire is dedicated to the latest technologies and forward-thinking innovations. With advanced technology like Building Information Modeling, we can provide a three-dimensional computer image of the building to pinpoint issues long before they are realized on the job site. This cultivates improved project coordination, as well as the ability to make changes during the design phase instead of later when they are much more costly. We are also dedicated to sustainable design practices and LEED, passing along energy and water efficiencies and savings to our clients.

Regardless the project type, size, or scope, CDR Maguire is ready to provide you with the high level of service and expertise that is a trademark of our company.

**UNION STATION PARKING GARAGE, WORCESTER, MA**

500 car parking structure | 10,000 SF of retail space | Helix ramping system at west end of structure
Rehabilitation of connecting tunnel and corridor to train station | Area parking contributes to renewal of the city's inner core.
SERVICES

ARCHITECTURAL DESIGN
BUILDING ASSESSMENTS
FEASIBILITY STUDIES
GEOTECHNICAL ENGINEERING
STRUCTURAL ENGINEERING
RENOVATION & ADAPTIVE USE
SUSTAINABLE SOLUTIONS
LEED DESIGN
BIM MODELING
With CDR Maguire’s OPM services, our clients have access to a wide range of experience and discipline for the design/construction-phase oversight of their projects. We work with the various project stakeholders to identify challenges, facilitate solutions, and maintain focus on project objectives.

A detailed project management plan is developed and serves as the foundation for measuring a project’s overall success. Serving as an independent advisor, we review and comment on all critical program elements.

Our ability to provide in-house peer review for architectural, site, civil, geotechnical, and structural design is invaluable to our clients.

CDR Maguire’s Program Management services bring seasoned professionals and experience to ensure the success of our clients’ projects.

Our staff truly becomes an extension of the client’s staff, working side by side to develop project scope, prepare RFPs, negotiate and administer design contracts, prepare submissions to funding agencies, provide right-of-way assistance, coordinate utilities, prepare construction contracts and specifications, and provide bid/award assistance.

We have provided project management services to hundreds of federally funded projects totalling nearly $750 million in design and construction cost.

**JAMES MADISON MORTON MIDDLE SCHOOL, FALL RIVER, MA**

Demolition and abatement of the former JMM School | Massachusetts School Building Authority (MSBA) compliant to qualify for $45 million in MSB funding | Building is designed to meet the Massachusetts Collaborative for High Performance Schools (MA-CHPS) program that encourages health, energy- and resource- efficiency, and maintainability of school buildings.
SERVICES

PROJECT PROGRAMMING & SCOPING

DESIGN CONTRACT NEGOTIATION & PREPARATION

CONTRACT ADMINISTRATION

DESIGN REVIEWS

FEDERAL REIMBURSEMENT AGREEMENTS

FEDERAL DESIGN APPROVAL SUBMISSIONS

RIGHT-OF-WAY ACQUISITION ASSISTANCE

UTILITY COORDINATION

CONSTRUCTION FUNDING COORDINATION & TRACKING

BID/AWARD ASSISTANCE

INFORMATION SYSTEMS & RISK MANAGEMENT
Find Your **Specialized Solution** Today

CDR Maguire was founded in 1938, and since that time has grown to become one of the nation’s leading architectural, engineering, planning, and construction management firms. With over 175 professionals and support staff located throughout the United States and the U.S. Virgin Islands, we provide a full complement of services.

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More Than Management

From bridge design to software development, the companies of CDR Enterprises are known for their innovative solutions. Visit one of our sites today to find out how we can help deliver results for you.

CDR Maguire, Inc. Architecture, transportation, civil engineering, and emergency management services.

CDR Bridge Systems, Inc. Accelerated, short-span bridge construction with innovative, patented designs.