



LT LEON ASSOCIATES, INC.

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LT Leon Associates is an engineering firm that specializes in civil and environmental engineering, water resources, conservation, and planning. Our team of engineers and technical specialist develop and deliver innovative sustainable solutions that facilitate the betterment of the community, the environment, and public health and safety. We are committed to the enhancement and conservation of our natural resources.

PROFESSIONAL SERVICES

CIVIL ENGINEERING | CONSERVATION | PLANNING

- Hydrologic/Hydraulic Engineering
- River Restoration, Wetland Restoration
- Sustainable Stormwater Management
- Floodplains & Watershed - Modeling, Mapping, Management, Studies, Permitting
- Mine Land Reclamation
- Conservation Planning and Engineering
- Sanitary Sewer Systems, SSES, I&I Studies
- Water Main Distribution Systems
- Transportation, Transit, Rail, Aviation
- Sustainable Site Design
- Bicycle and Pedestrian Planning and Design
- ADA Assessment & Design
- Parks and Recreation Projects
- Funding Assistance, Grant Writing
- Regulatory Permitting Assistance
- SWPPP Management
- Construction Administration & Oversight
- Pipeline Integrity
- GIS Mapping and Asset Management
- Topographic & Hydrographic Surveying

FEDERAL GOVERNMENT INFO

DUNS NUMBER: 024874244

NAICS CODES

- 541330 ENGINEERING
- 541320 PLANNING
- 541340 DRAFTING
- 541370 SURVEYING & MAPPING SERVICES
- 541620 ENVIRONMENTAL CONSULTING SERVICES
- 541690 OTHER SCIENTIFIC & TECHNICAL CONSULTING SERVICES
- 221310 WATER & WASTEWATER DESIGN

SIC CODES: 8711 ENGINEERING SERVICES

PCS CODES: F099 OTHER NATURAL RESOURCES MANAGEMENT & CONSERVATION

F103 WATER QUALITY

C217 A/E MAPPING

USDA/NRCS TECHNICAL SERVICE PROVIDER

CERTIFICATIONS

- Comprehensive Nutrient Management Plan Development
- CAP Drainage Water Management Plan
- Channel and Streambank Stabilization

FEDERAL AGENCIES

- U.S. Army Corps of Engineers - Kansas City District
- USDA Forest Service - Region 1
- United States Postal Service - Western FCCMT
- GSA - Region 6

LICENSED STATES

Iowa Wisconsin
 Missouri South Dakota
 Illinois Kansas
 Minnesota Oklahoma
 Nebraska



CERTIFICATIONS

SBA: 8(a) Certified (2013-2022)
 SBA: HUBZone Certified
 SDB: Self-Certified Small Disadvantaged Business
 DBE: Disadvantaged Business Enterprise - Iowa, Illinois, Minnesota, Missouri, Nebraska, Wisconsin



WATER RESOURCES

Buck Creek Fish Passage and Streambank Restoration

Hamilton County, Iowa

- Client: Iowa Department of Natural Resources
- U.S. Fish and Wildlife Service Fisheries National Fish Habitat Action Plan Grant
- Rock arch rapids, floodplain benches, streambank stabilization

Littleton Dam Mitigation

Littleton, Iowa

- Client: Iowa Department of Natural Resources
- National Fish Passage Program - U.S. Fish and Wildlife Service
- Preliminary & Final Design, Construction Oversight
- HEC-RAS was utilized

Steamboat Rock Dam Mitigation

Hardin County, Iowa

- Client: Iowa Department of Natural Resources
- Conceptual, Preliminary, Final Design, & Construction Administration
- Public meetings, blog website, interagency/stakeholder meetings

Abandoned Mine Land Reclamation

Marion County, Iowa

- Client: Iowa Department of Agriculture and Land Stewardship
- Abandoned Mine Land Program - U.S. Department of the Interior
- Conceptual, Preliminary, Final Design, & Construction Administration

Metro Park East Constructed Wetlands

Mitchellville, Iowa

- Client: Metro Waste Authority
- Preliminary, Final Design & Construction Oversight
- 10 AC of stormwater wetlands, sediment basin, bioswales
- Funding management, permitting

Urban Interior Drainage Study

West Des Moines, Iowa

- Client: City of West Des Moines
- Hydrological/Hydraulic Engineering, Master Plan, & Cost Estimates
- XPSWMM 2D was utilized

Fairmeadows Park Storm Sewer Improvements

West Des Moines, Iowa

- Client: City of West Des Moines
- Street and culvert replacement
- Stream daylighting, stream restoration, and bioswales
- Park improvements integrated into project

Walker Branch Wetland Restoration

Wayne County, Iowa

- Client: U.S. Army Corps of Engineers
- Preliminary Assessment
- HEC-RAS & HEC-HMS were utilized
- CPARS Rating: Exceptional/Very Good

Linn County Natural Resources Management Plan

Linn County, Iowa

- Owner: Linn County Conservation Board
- Pinicon Ridge Park and Squaw Creek Park
- Stream assessment, trail assessment, identification of storm-water BMP opportunities and trail improvements



CONSERVATION

Conservation Planning
North Raccoon Watershed

Bioreactor
Calhoun County, Iowa

Drainage Water Management Plan
Delaware County, Iowa

Drainage Water Recycling
Webster County, Iowa

Comprehensive Nutrient Management Plan
Multiple counties, Iowa

Manure Containment Berms
Scott County, Iowa

Pollinator Habitat
Calhoun County, Iowa



PARKS & RECREATION

Woodland Hills Greenway Master Plan & Trail
West Des Moines, Iowa

- 5,200 LF stream and riparian corridor assessment
- Concept and final design of a 10' wide multi-use trail

Des Moines Water Works Universal Access
Des Moines, Iowa

- Conceptual, Preliminary, & Final Design
- Boat ramp, parking access, universal access path, bankfull bench, habitat and access features

Motor Mill Access Ramp
Clayton County, Iowa

West Nishnabotna River Water Trails Planning
Shelby County, Iowa

Statewide Trails ADA Assessment
Client: Iowa Department of Transportation



FACILITY DESIGN



TRANSPORTATION

Des Moines Federal Courthouse
Des Moines, Iowa

- Owner: GSA Heartland Region 6
- Civil Engineer for new Federal Courthouse
- Services included Preliminary Design, Concepts Design, Design Development, Construction Design, & Construction Oversight

IANG Water Main Improvements
Des Moines, Iowa

- Owner: Iowa Air National Guard
- Prepared construction drawings for a 8" water main and new water services

DART Operations & Maintenance Facility
Des Moines, Iowa

- Owner: Des Moines Area Regional Transit Authority
 - Preliminary design for a new 26-acre O & M facility
- Hy-Vee Grocery Store, C-Store, Car Wash

Sioux County Regional Airport
Sioux City, Iowa

- Drainage design for new airport

Des Moines International Airport Terminal Planning
Des Moines, Iowa

- Utility & drainage planning for new terminal

DART Central Station
Des Moines, Iowa

- 22,000 SF multi modal transit facility, LEED Platinum accredited
- Civil Engineer responsible for design of utilities, and sustainable stormwater management

Iowa DOT Statewide ADA Transit Assessment
Statewide Iowa

- Developed assessment criteria and evaluated ADA compliance for transit facilities

MnDOT Storm Sewer Assessments