



Phillips to McDonald – Grand Island, Nebraska



From the Ground Up

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Railway Transportation Systems



This double track project involved the removal and replacement of a 200-foot bridge within an 18-hour shutdown window.
Second Main Track Construction – Arlington, Nebraska



This project relocated two miles of railway including 100,000 cubic yards of embankment, over 12,000 feet of track and ties with ballast, and the construction of two new bridges. K-18 Track Relocation Project – Manhattan, Kansas

Grounded in SUCCESS

SEMA Construction has over twenty-four years of leadership in heavy civil and industrial construction. We are a full-service contractor regarded for completing high-quality construction projects safely, ahead of schedule, and within budget parameters.

Our clients trust SEMA because we provide sole source responsibility, delivering value to you. Self-performing 70% of major construction work scopes; we are fast, flexible, and efficient.

Consistently ranked as one of the nation's top contractors, SEMA is a collaborative partner that brings integrated product delivery methods and award-winning construction solutions to every project.



Second Main Track Construction – Arvada, Colorado



SAFETY First and Foremost

SEMA understands that railroad firms face internal scrutiny to meet tough safety objectives. We place the same scrutiny upon ourselves and prioritize safety to alleviate your concern.

At SEMA, safety is paramount at every level. Our management team is responsible for the continuous advancement of our preventative safety program, and all employees are continuously trained to achieve the very highest safety standards.

SEMA's on-site safety professionals are dedicated to achieving and sustaining an outstanding safety record through proactive risk assessments, control implementations, work practice and procedure enforcements. Our approach to safety is dynamic and never complacent. By constantly improving and applying best practices, we achieve notable safety records.

“A critical goal, especially for RTD and the East Rail Contractor, was the schedule. From the onset of the project, the SEMA team was focused on reaching or beating this goal and made it their priority. The SEMA team has been good to work with and has communicated well. I would welcome the opportunity to work as a team with SEMA on future construction projects.”

Regional Transportation District

Rail Infrastructure Services

- Heavy Rail Systems
- Light Rail Systems
- Class I
- Short Lines
- Intermodal
- Support Yards
- Track Maintenance
- Rail Rehabilitation
- Bridges
- Earthwork
- Excavation
- Drainage
- Utilities

“SEMA is our contractor of choice for four primary reasons: unquestioned ability to deliver each project according to the intended design, each project is delivered at or below budgeted cost, scheduled deadlines and milestones are strictly followed, and safety always remains a number one priority.”

Owner Representative

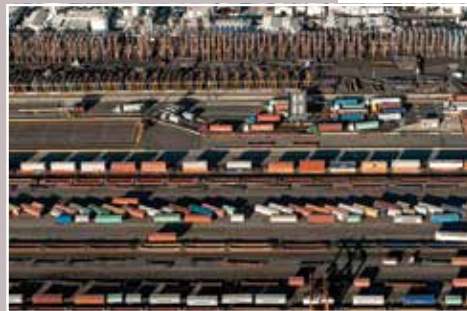




SEMA transformed this six-acre area of farmland and provided railway services to the transload facility located here within 120 days. San Antonio Freeport – San Antonio, Texas



Custom Egress Access Point, I-225
Nine Span Light Rail Bridge Project –
Denver, Colorado



Denver Intermodal Yard –
Denver, Colorado

QUALITY Defines Us

At SEMA, we believe that integrity drives quality. We only hire professional, dependable, and honest team members who are experts in their fields.

Our internal Quality Control Program is paramount and allows us to consistently deliver the highest standards in construction services and value engineering. Our experience shows that the quality benefits of an extensive testing program far outweigh the additional costs. Therefore, embedded in our quality program is double frequency testing on critical elements.

Whether you have a project design or not, our specialized design-build group of engineers, designers, project managers, and superintendents will collaborate with you throughout the design and construction of your project for a superior result.

“SEMA has demonstrated a safe, professional and ethical reputation...has shown their ability to collaborate as team players, and has been willing to adjust as needed. SEMA places a high importance on selecting highly qualified personnel which is a direct result of their success.”

Class I Railway Company



This 10-mile, second main line project involved more than two million cubic yards of earthwork, arch and multi-plate culverts, and the construction of two new bridges. Over 80 pieces of equipment were utilized at one time in order to complete this project in less than one year. New Mexico Capacity Improvement Project – Vaughn, New Mexico

Unsurpassed PERFORMANCE

SEMA ensures high performance, concise schedule and budget management, and forthright communication with our client partners.

Because we operate from four District offices, we are able to utilize our nationwide resources as a tremendous database of strategies and solutions to meet hypercritical deadlines with minimal lead time. Our personnel function as a team throughout each of our Districts, often moving to various regions to provide management during critical project phases.

We have the ability to quickly mobilize equipment and resources to respond immediately and meet milestone deadlines. Our fleet of more than 1,000 emission-compliant assets can be swiftly deployed for any type of railroad project, nationwide.



Jefferson Davis Support Yard Project – Lacassine, Louisiana

Contract Delivery Methods

- Hard-Bid
- CMGC
- Public-Private Partnership
- Modified Design-Build
- Traditional Design-Build





SEMA constructed this nine span LRT bridge, extending light rail services as part a 10.5-mile extension through the City of Aurora and a small section of Denver. I-225 Nine Span Light Rail Bridge Project – Denver, Colorado

Solutions and CAPABILITIES

With an extensive portfolio, we have the experience and capabilities needed to build or rehabilitate any railroad infrastructure system to your exact specifications.

We are experts in managing high-density, multimodal transportation projects and mitigating railway, roadway, and pedestrian traffic. Whether you are a Class I, regional, short line or industrial railway, we provide a solutions-focused approach and vanguard technology to every project.

From light and heavy rail projects, to intermodal and support yard systems, to emergency restoration, clients choose SEMA because our turnkey solutions deliver superior results.



SEMA responded immediately, and deployed over 100 pieces of equipment for railroad repair during catastrophic flooding. Emergency Flood Restoration Work – Eastern Colorado



Douglas Street Gap Closure
Railroad Grade Separation –
Los Angeles, California



Beachline Widening Project –
Orlando, Florida



This 8.2-mile, double-main project involved the construction of a new main line and a 28 span, 905-foot bridge over the Platte River. Phillips to McDonald – Grand Island, Nebraska

ENVIRONMENTALLY Sound Decisions

Each year, SEMA constructs railway infrastructure projects across the United States that cross a wide variety of environmental ecosystems, waterways, animal habitats, and historically valuable sites. Our sensitivity to the environment extends beyond mere compliance with environmental protection laws. We lessen the indirect environmental impacts of the construction process through comprehensive recycling and material management procedures.



This 12-mile project realigned sections of the Main #2 Track and the Auto Facility Connector Track. The project scope involved the construction of nine bridges and 600,000 cubic yards of rock excavation. Alliance Main #2 Track Relocation – Fort Worth & Haslet, Texas

