OMP Retaining Walls North & South of Franklin Ave.
RME prepared the design package with complete set of drawings with all required notes, specifications, estimated quantities and costs for new retaining walls on both sides of Franklin Avenue to support the embankment supporting UPRR railroad tracks.

METRA Belmont Ave. Grade Separation
RME provided Structural and Civil Engineering services for this project. Civil Engineering services included layout of site, parking layout, design of storm drainage, underground detention design, coordination with utilities roadway and ramp plans. Structural Engineering services included complete design of retaining walls and coordination with roadway and ramp plans.

OMP Retaining Walls North & South of Franklin Ave.
RME provided the structural design. Complete set of drawings with all required notes, specifications, estimated quantities and costs for new retaining walls on both sides of Franklin Avenue to support the embankment supporting UPRR railroad tracks.

METRA Reconstruction of New Lenox Bridge 339 Culvert
RME's scope of work included the preparation of bid documents including design drawings, specifications and cost estimates for the removal and replacement of an existing culvert.

Powers Road Bridge Crossing Over I-90
RME provided Structural and Civil Engineering services for Powers Road, a 2 lane asphalt roadway maintained by Rutland Township. The improvement included complete removal and replacement of the existing bridge plus reconstruction of the approaches.

OMP Relocation of Irving Park Road
As part of the O'Hare Modernization Program (OMP), RME was tasked with the horizontal and vertical design of the relocated Irving Park Road and the design of the intersection with Tall Road and the adjacent South Cargo Access Road. RME was responsible for Right-of-Way and survey control recommendations. The Airport project was designed in strict accordance with IDOT specifications.

Bridge Rehab Program: Tri-State Tollway (I-294)
As a Prime Consultant, RME was part of the overall Bridge Rehabilitation Program. The project required the preparation of contract plans for the rehabilitation of 6 bridge structures, located on Tri-State Tollway (I-294) over the distance of about 58 miles.

OMP Relocation of Irving Park Road
As part of the O'Hare Modernization Program (OMP), RME was tasked with the horizontal and vertical design of the relocated Irving Park Road and the design of the intersection with Tall Road and the adjacent South Cargo Access Road. RME was responsible for Right-of-Way and survey control recommendations. The Airport project was designed in strict accordance with IDOT specifications.

Dixie Highway Over Butterfield Creek
As a Prime Consultant, RME was retained by IDOT to provide phase II professional Civil and Structural Engineering services related to the reconstruction of the roadway bridge and adjacent roadways.

Lincoln & Main Street, Road and Large Box Culvert Reconstruction, Lavernale, IL
RME was responsible for the proposed roadway geometry within limited Right-of-Way drainage analysis, hydraulic analysis of the stream and culverts, and structural design of the culverts.

Powers Road Bridge Crossing Over I-90
RME provided Structural and Civil Engineering services for Powers Road, a 2 lane asphalt roadway maintained by Rutland Township. The improvement included complete removal and replacement of the existing bridge plus reconstruction of the approaches.
ABOUT RME
RUBINOS & MESIA ENGINEERS, INC. (RME), a MBE, was established in 1982 as a Chicago based Structural / Civil Engineering and Construction Management Firm. RME has established a reputation among leading Consultants by demonstrating its technical abilities and exceeding client expectations. RME’s staff works diligently in a team environment to provide our clients with the highest quality product, on time and within budget. Our principals and staff have experience with a great variety of civil and structural projects. Over the years, RME has been the proud recipient of over 30 awards in various categories.

RME AT-A-GLANCE

RME has...
- A large pool of Structural and Civil Engineers that have intimate design and evaluation experience.
- Demonstrated ability to successfully anticipate and navigate project challenges on a consistent basis.
- Successfully completed more than 2,000 projects.
- A well diversified project portfolio from over 34 years of experience.
- Built successful long-term relationships with numerous Agencies, Architectural and Engineering firms.

Project Types
- Bridge Design / Reconstruction
- Roadways
- Rail Structures and Facilities
- Mass Transit
- Site Design
- Airport/Aviation
- Industrial Facilities and Utilities
- Tunnels and Tunnel Structures
- Water / Waste Water Facilities
- Healthcare Facilities
- Municipal Facilities
- Residential
- Historic Renovations & Rehabilitions
- Educational Facilities: K-12 & Higher Ed.

Transportation Design Project Experience
RME has extensive experience in the design of bridges and roadways within the State of Illinois and Surrounding States. Our design team has been working together with IDOT, ISTHA and Metra for over 25 years, and CDA and CDOT for 30 years on a variety of challenging transportation projects as both a Prime and Sub-consultant.

RME is Prequalified with IDOT and CDOT in the following categories:
- Structures-Highway: Typical
- Special Services-Architecture
- Special Studies-Traffic Studies
- Special Services-Electrical/Mechanical Engineering
- Special Services-Subsurface Utility Engineering
- Location Design Studies-Reconstruction
- Elevated Station Design
- Construction Engineering for Transit Project

IDOT I-55 at Lake Shore Drive Curved Bridge
RME was retained by IDOT to provide phase II professional Civil & Structural Engineering services for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of deck and parapet for structure Nos. 018-1050 and for a complete new bridge for structure No. 018-1052.

METRA CREATE Program - Project 1
RME was responsible for the design of the following projects:
- Construction on a 59th Street Bridge, complete two span flyover bridges over I-55 carrying two tracks with spans of 124 and 117, a bridge carrying a single track with spans of 138 and 105, and several retaining walls.

METRA Retaining Wall Rehabilitation at Harvey Station
RME provided Structural and Civil Engineering services for the design and detail of a new retaining wall to replace the existing crib wall.

Chicago Road Bridge over Little Calumet River
As Prime Consultant, RME was retained by IDOT to provide phase II professional Civil and Structural Engineering services related to the rehabilitation of the bridge. The scope of work consisted of total removal and replacement of the existing bridge.

Jane Addams Memorial Tollway (I-90) and Systemwide, Design Services Upon Request
As Prime Consultant, RME was part of the Design Upon Request Program. This project was for the preliminary design of the total reconstruction of four bridges, located on I-90 over the distance of about 80 miles from Chicago to Wisconsin. RME prepared the preliminary design and concept study for US Route 23 over I-90, IL Route 38 over I-90, Bradley Rd over I-90 & UP Railroad over I-90.

Jane Addams Memorial Tollway (I-90) and Illinois Tollway, Design Services Upon Request
As Prime Consultant, RME was retained by IDOT to provide structural design services for the design of the following:
- Construction of the Jane Addams Tollway Reconstruction and Additional Lane.
- RME provided complete civil and structural design of the Jane Addams Tollway, including the preparation of maintenance of traffic plans for I-90 and crossroads (Jane Addams Tollway at I-90) as well as utility coordination for 34 miles of the tollway.

25th Avenue Bridge Over Addison Creek
As Prime Consultant, RME was retained by IDOT to provide phase II professional Civil & Structural Engineering services related to the rehabilitation of the bridge. The scope of work included the rehabilitation of the adjacent roadway.

IDOT I-290 at Dyer Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for the design of a new bridge under the tollway for a complete new bridge.

IDOT I-90 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.

IDOT I-290 at Lake Shore Drive Bridge
RME provided contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of the existing bridge.
ABOUT RME

RUBINOS & MESIA ENGINEERS, INC. (RME), a MBE, was established in 1982 as a Chicago based Structural / Civil Engineering and Construction Management Firm.

RME has established a reputation among leading Consultants by demonstrating its technical abilities and exceeding client expectations. RME’s staff works diligently in a team environment to provide our clients with the highest quality product, on time and within budget. Our principals and staff have experience with a great variety of civil and structural projects. Over the years, RME has been the proud recipient of over 30 awards in various categories.

RME AT-A-GLANCE

RME has...

> A large pool of Structural and Civil Engineers that have intimate design and evaluation experience.
> Demonstrated ability to successfully anticipate and navigate project challenges on a consistent basis.
> Successfully completed more than 2,000 projects.
> A well diversified project portfolio from over 34 years of experience.
> Built successful long-term relationships with numerous Agencies, Architectural and Engineering firms.

Project Types

- Bridge Design / Reconstruction
- Railways
- Bridge Structures and Facilities
- Mass Transit
- Site Design
- Airport/Aviation
- Industrial Facilities and Utilities
- Tunnels and Tunnel Structures
- Water / Waste Water Facilities
- Healthcare Facilities
- Municipal Facilities
- Residential
- Historic Renovations & Rehabilitations
- Educational Facilities: K-12 & Higher Ed.

Transportation Design Project Experience

RME has extensive experience in the design of bridges and roadways within within the State of Illinois and Surrounding States. Our design team has been working together with IDOT, ISTHA and Metra for over 25 years, and CDA and CDOT for 30 years on a variety of challenging transportation projects as both a Prime and Sub-consultant.

RME is Prequalified with IDOT and CDOT in the following categories:

- Structures-Highway: Simple
- Structures-Highway: Typical
- Special Services-Architecture
- Special Services-Construction Management
- Special Services-Subsurface Utility Engineering
- Special Services-Electrical/Mechanical Engineering
- Location Design Studies-Reconstruction
- Location Design Studies-Rehabilitation
- Construction Engineering for Transit Projects

*unique CDOT PreQual

- Elevated Transit Station Design
- Construction Engineering for Transit Project
- Location Design Studies-Rehabilitation
- Location Design Studies-Reconstruction
- IDOT I-95 at Lake Shore Drive Curved Bridge
- METRA CREATE Program - Project 1
- NIB Chicago-St. Louis Corridor E-2400 over UPRR
- Jane Addams Memorial Tollway (I-90) and Systemwide, Design Services Upon Request

Jane Addams Tollway Reconstruction and Additional Lane

RME provided complete Structural and Civil design of the Powers Road Bridge, preparation of Maintenance of Traffic plans for I-95 and crossings (Powers Rd & IL, Rte 72) as well as utility coordination for 34 miles of the Northern Corridor of the Jane Addams Memorial Tollway I-90.

Jane Addams Memorial Tollway (I-90) and Systemwide, Design Services Upon Request

As Prime Consultant, RME was part of the Design Upon Request Program. This contract required the preparation of contract plans for the reconstruction of 4 bridges, located on I-90 over the distance of about 80 miles from Chicago. RME prepared the contract plans and concept study for US Route 23 over I-90, IL Route 30 over I-90, Bradley Rd over I-90 & UP Railroad over I-90.

IDOT I-55 at Lake Shore Drive Curved Bridge

RME prepared contract plans for the rehabilitation of two bridge structures. Design and detailed drawings were prepared for a complete replacement of deck and parapet for structures No. 016-1055 and for a complete new bridge for structure No. 016-1052.

IDOT I-55 at Lake Shore Drive Curved Bridge

RME was part of the Jane Addams Memorial Tollway (I-90) and Systemwide, Design Services Upon Request.

IDOT I-55 at Lake Shore Drive Curved Bridge

RME provided complete Structural and Civil engineering services related to the rehabilitation of the bridge. The scope of work included the rehabilitation of the existing crib wall.

METRA Retaining Wall Rehabilitation at Harvey Station

RME provided Structural and Civil Engineering services for the design and detail of a new retaining wall to replace the existing crib wall.

Chicago Road Bridge over Little Calumet River

As Prime Consultant, RME was retained by IDOT to provide Phase II professional Civil and Structural Engineering services related to the rehabilitation of the bridge. The scope of work consisted of total removal and replacement of the existing crib wall.

NIB Chicago-St. Louis Corridor E-2400 over UPRR

RME provided Structural & Civil Engineering Services for Phases I & II Design. RME was charged with the design of the bridge structures for both the rail and roadway segments including plan & profile, grading, utilities, maintenance of traffic, and all other related design.

25th Avenue Bridge Over Addison Creek

As Prime Consultant, RME was retained by IDOT to provide Phase II professional Civil & Structural Engineering services related to the rehabilitation of the bridge. The scope of work also included the rehabilitation of the adjacent roadway.

25th Avenue Bridge Over Addison Creek

RME was retained by IDOT to provide Phase I and II Design services for the repair of the existing structure. RME provided project management and consulting engineering services for the rehabilitation of the bridge.

25th Avenue Bridge Over Addison Creek

RME was retained by IDOT to provide Phase II professional Civil & Structural Engineering services related to the rehabilitation of the bridge. The scope of work included the rehabilitation of the existing crib wall.

Jane Addams Tollway Reconstruction and Additional Lane

RME provided complete Structural and Civil design of the Powers Road Bridge, preparation of Maintenance of Traffic plans for I-95 and crossings (Powers Rd & IL, Rte 72) as well as utility coordination for 34 miles of the Northern Corridor of the Jane Addams Memorial Tollway I-90.

Jane Addams Tollway Reconstruction and Additional Lane

RME provided complete Structural and Civil design of the Powers Road Bridge, preparation of Maintenance of Traffic plans for I-95 and crossings (Powers Rd & IL, Rte 72) as well as utility coordination for 34 miles of the Northern Corridor of the Jane Addams Memorial Tollway I-90.
OMP Retaining Walls North & South of Franklin Ave.
RME prepared the design package with complete set of drawings with all required notes, specifications, estimated quantities and costs for new retaining walls on both sides of Franklin Avenue to support the embankment supporting UPRR railroad tracks.

METRA Belmont Ave. Grade Separation
RME provided Structural and Civil Engineering services for this project. Civil Engineering services included layout of site, parking layout, design of storm drainage, underground detention design, coordination with utilities roadway and ramp plans. Structural Engineering services included complete design of retaining walls and coordination with roadway and ramp plans.

OMP Retaining Walls North & South of Franklin Ave.
RME was responsible for the proposed roadway geometry within limited Right-of-Way drainage analysis, hydraulic analysis of the stream and culverts, and structural design of the culvert.

OMP Relocation of Irving Park Road
As part of the O’Hare Modernization Program (OMP), RME was tasked with the horizontal and vertical design of the relocated Irving Park Road and the design of the intersection with Tall Road and the adjacent South Cargo Access Road. RME also was responsible for Right-of-Way and survey control recommendations. The Airport project was designed in strict accordance with IDOT specifications.

Bridge Rehab Program TriState Tollway (I-294)
As a Prime Consultant, RME was part of the overall Bridge Rehabilitation Program. The contract required the preparation of contract plans for the rehabilitation of 6 bridge structures located on TriState Tollway (I-294) over the distance of about 58 miles.

Powers Road Bridge Crossing Over I-90
RME provided Structural and Civil Engineering services for Powers Road, a 2 lane asphalt Roadway maintained by Rutland Township. The improvement included complete removal and replacement of the existing Tollway bridge plus reconstruction of the approaches.

Dixie Highway Over Butterfield Creek
As a Prime Consultant, RME was retained by IDOT to provide phase II professional Civil and Structural Engineering services related to the reconstruction of the roadway bridge and adjacent roadways.

Lincoln & Main Street, Road and Large Box Culvert Reconstruction, Lemont, IL
RME was responsible for the proposed roadway geometry within limited Right-of-Way drainage analysis, hydraulic analysis of the stream and culverts, and structural design of the culvert.

METRA Reconstruction of New Lenox Bridge 339 Culvert
RME’s scope of work included the preparation of bid documents including design drawings, specifications and cost estimates for the removal and replacement of an existing culvert.

METRA Rebuilding of O’Hare Terminals
RME provided Structural and Civil Engineering services for the O’Hare termi- nal. RME was part of the overall O’Hare Modernization Program (OMP) and was responsible for the horizontal and vertical design of the reconstructed terminal.

CONTACT
Farhad Rezai, S.E., PE. | Executive Vice President / Principal
T > 312 870 6614 | E > FRezai@RME-i.com

200 South Michigan Avenue, Suite 1500. Chicago, IL 60604          T > 312 870 6600          F > 312 663 1473          W > www.RME-i.com

200 South Michigan Avenue, Suite 1500. Chicago, IL 60604          T > 312 870 6600          F > 312 663 1473          W > www.RME-i.com