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Principal Investigators

GRANT YEAR 1 PROJECTS

Project 01-01: Synthesis of National Activities in Transportation Asset Management

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Project 01-02: Evaluation of Near-Transportation Private Sector Asset Management

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Project 01-03: Evaluation of Transportation Organization Outsourcing: Decision Making Criteria for Outsourcing Opportunities

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GRANT YEAR 2 PROJECTS

Project 02-01: Optimal Resource Allocation for the Purchase of New Buses and the Rebuilding of Existing Buses as Part of a Transit Asset Management Strategy

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Project 02-02: Develop an Interactive Multi-objective Decision Support Framework for Transportation Investments

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Project 02-03: Optimizing Transportation Investments within the Lac Courte Oreilles (LCCO), Sawyer County (SC) Transit System

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Project 02-04: Long-Range Optimal Deployment of ITS Strategies: Concept Definition.

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Project 02-05: Best Practices for Linking Strategic Planning to Resource Allocation and Implementation Decisions Using Elements of a Transportation Asset Management Program

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Project 02-06: Evaluation of Shipper Requirements and Potential Cargo Required to Establish a Rail-Truck-Marine Intermodal Terminal in the Twin Ports of Superior, Wisconsin and Duluth, Minnesota

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GRANT YEAR 3 PROJECTS

Project 03-01: Capital Preventative Maintenance (Transportation Pooled Fund 5(036))

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Project 03-02: Synthesis of Best Practices for the Development of an Integrated Data and Information Management Approach

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Project 03-03: A Regional Traffic Simulation/Assignment Model for Evaluation of Transit Performance and Asset Utilization

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GRANT YEAR 4 PROJECTS

Project 04-01: GIS Tool to Measure Performance of Winter Highway Operations

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Project 04-02: Providing a Continuous, Real-Time Evaluation of the Columbus Metropolitan Freeway Management System

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Project 04-03: Infrastructure Management Decision-Making with Condition Data Generated by Remote Sensors: A Time Series Framework

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Project 04-04: Incorporating Road Safety into Pavement Management: Maximizing Surface Friction for Road Safety Improvements

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Project 04-05: Optimal and Near-Optimal Resource Allocation for Transportation Infrastructure Protection

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Project 04-06: Upper Midwest Freight Corridor Study

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GRANT YEAR 5 PROJECTS

Project 05-01: Transportation Asset Management Thresholds

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Project 05-02: Vehicle Classification from Single Loop Detectors

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Project 05-03: Business and Site Specific Trip Generation Methodology for Truck Trips

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Project 05-04: Accelerated Construction Decision-Making Process for Bridges

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Project 05-05: Use of Functional Silos to Optimize Agency Decision-Making

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GRANT YEAR 6 PROJECTS

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Project 06-02: Documenting Training Opportunities Related to Transportation Asset Management

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Project 06-03: Rail to Truck Modal Shift: Impact of Increased Freight Traffic on Pavement Maintenance Costs

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Project 06-04: Development of a Guide to Statistics for Maintenance Quality Assurance Programs in Transportation

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Project 06-05: Meaningful Use of Collected Local Roads Data and Information

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Project 06-06: Measuring the Benefits of Implementing Asset Management Systems and Tools

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Project 06-07: Guidelines for Benefit-Cost Analysis of Bicycle Facilities: Refining Methods for Estimating the Effect of Bicycle Infrastructure on Use and Property Value

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Project 06-08: An Asset Management Approach for Drainage Infrastructures & Culverts

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Project 06-09: Upper Midwest Freight Corridor Study, Phase II

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