

**CHECKLIST TO DESIGNATE AREAS OF EVALUATION  
FOR REQUESTS FOR PROPOSAL (RFP)**  
Research Administration University Use Only

MDOT PROJECT MANAGER <b>Jill Morena</b>		JOB NUMBER (JN) n/a	CONTROL SECTION (CS) n/a
DESCRIPTION <b>Evaluation of Non-Freeway Rumble Strips - Phase II</b>			
<b>MDOT PROJECT MANAGER:</b> Check all items to be included in RFP  WHITE = REQUIRED GRAY SHADING = OPTIONAL		<b>CONSULTANT:</b> Provide only checked items below in proposal	
Check the appropriate Tier in the box below			
<input type="checkbox"/> <b>TIER I</b> <b>(\$25,000-\$99,999)</b>	<input type="checkbox"/> <b>TIER II</b> <b>(\$100,000-\$250,000)</b>	<input checked="" type="checkbox"/> <b>TIER III</b> <b>(&gt;\$250,000)</b>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Understanding of Service
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Innovations</i>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Organizational Chart
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Qualifications of Team
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Quality Assurance/Quality Control
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Location:</b> The percentage of work performed in Michigan will be used for all selections unless the project is for on-site inspection or survey activities, then location should be scored using the distance from the consultant office to the on-site inspection or survey activity.
N/A	N/A	<input type="checkbox"/>	Presentation
N/A	N/A	<input type="checkbox"/>	Technical Proposal (if Presentation is required)

The prime consultant must be a Michigan university. The prime consultant/vendor is responsible for the successful completion of the service and is expected to perform at least 40 percent of the services, by dollar value. The basis of payment is Actual Costs as defined in standard MDOT contracts.

If your organization is interested in providing services, please indicate your interest by submitting a proposal following the research guidelines near the top of MDOT's Request for Proposals Web page at [http://www.michigan.gov/mdot/0,1607,7-151-9625\\_32842---.00.html](http://www.michigan.gov/mdot/0,1607,7-151-9625_32842---.00.html).

**RFP SPECIFIC INFORMATION**

Problem Title: **Evaluation of Non-Freeway Rumble Strips - Phase II**  
OR Number: OR13-007

This is Best Value Selection which means the budget amount submitted with the proposal is a component of the proposal score, not the determining factor of the selection.

## PROPOSAL SUBMITTAL INFORMATION

PROPOSAL AND BID SHEET EMAIL ADDRESS –	PROPOSAL DUE DATE	TIME DUE
<a href="mailto:mdot-rfp-response@michigan.gov">mdot-rfp-response@michigan.gov</a> with a CC to <a href="mailto:mdot-research@michigan.gov">mdot-research@michigan.gov</a>	<b>11/26/12</b>	<b>Noon, EST</b>

### GENERAL INFORMATION

Any questions relative to the Research Problem Statement must be submitted by e-mail to:

[mdot-research@michigan.gov](mailto:mdot-research@michigan.gov). Questions must be received by 5 business days prior to the RFP due date at 5:00 p.m. EST. All questions and answers will be placed on the MDOT RFP Web site as soon as possible after receipt of the questions and at least three (3) days prior to the due date listed above. The names of organizations submitting questions will not be disclosed.

MDOT is an equal opportunity employer and MDOT DBE firms are encouraged to apply. The participating DBE firm, as currently certified by MDOT's Office of Equal Opportunity, shall be listed in the Proposal.

### MDOT AND RESEARCH FORMS REQUIRED AS PART OF PROPOSAL SUBMISSION:

5100D- Request for Proposal Cover Sheet

Research Proposal Budget Form Worksheet Appendix D

Schedule of Research Activities Form- Appendix B

Deliverables Table- Appendix A

Initial Implementation Plan Form- Appendix C

5100J- Consultant Data and Presignature sheet is required for signatory on this proposal

**NOTIFICATION  
MANDATORY ELECTRONIC SUBMITTAL**

**Proposals submitted for this project must be submitted electronically.**

**The following are changes to the Proposal Submittal Requirements:**

- Eliminated the Following Requirements:
  - Safety Program
  - Communication Plan
  - Past Performance as *a separate section*
  - Separate section for DBE Statement of goals. Include information in Qualification of Team section
  
- Implemented the Following Changes:
  - All proposals require an Organization Chart
  - Resumes must be a maximum of two pages
  - Only Key (lead) staff resumes may be submitted
  - Tier III proposal reduced from 19 to 14 pages
  - Forms 5100D, 5100I, and 5100G combined – 5100D
  - Forms 5100B and 5100H combined – 5100B
  - RFP's will be posted on a weekly basis -- on Mondays

**The following are Requirements for Electronic Submittals:**

- Proposals must be prepared using the most current guidelines
- The proposal must be bookmarked to clearly identify the proposal sections (See Below)
- For any section not required per the RFP, the bookmark must be edited to include “N/A” after the bookmark title.  
**Example:** Understanding of Service – N/A
- Proposals must be assembled and saved as a single PDF file
- PDF file must be 5 megabytes or smaller
- PDF file must be submitted via e-mail to [MDOT-RFP-Response@michigan.gov](mailto:MDOT-RFP-Response@michigan.gov)
- MDOT's requisition number and company name must be included in the subject line of the e-mail. The PDF shall be named using the following format:
  - Requisition#XXX\_Company Name.PDF
- MDOT will not accept multiple submittals
- Proposals must be *received* by MDOT on or before the due date and time specified in each RFP

**If the submittals do not comply with the requirements, they may be determined unresponsive.**

The Consultant's will receive an e-mail reply/notification from MDOT when the proposal is received. Please retain a copy of this e-mail as proof that the proposal was received on time. **Consultants are responsible for ensuring the MDOT receives the proposal on time.**

**\*\*Contact Contract Services Division immediately at 517-373-4680 if you do not get an auto response\*\***

**Required Bookmarking Format:**

- I. Request for Proposal Cover Sheet Form 5100D
  - A. Consultant Data and Signature Sheet, Form 5100J (if applicable)
- II. Understanding of Service
  - A. Innovations
- III. Qualifications of Team
  - A. Structure of Project Team
    - 1. Role of Firms
    - 2. Role of Key Personnel
  - B. Organization Chart
  - C. Location
- IV. Quality Assurance / Quality Control Plan
- V. Resumes of Key Staff
- VI. Pricing Documents/Bid Sheet (if applicable)

**2/14/12**

# Michigan Department of Transportation

## SCOPE OF SERVICE FOR RESEARCH SERVICES

**TITLE:** Evaluation of Non-Freeway Rumble Strips - Phase II  
**OR#:**13-007

**Michigan University Only**

**LOCATION:** Statewide

**WORK DESCRIPTION:** Research on Evaluation of Non-Freeway Rumble Strips - Phase II

**ANTICIPATED START DATE:** March 30, 2013

**ANTICIPATED COMPLETION DATE:** September 30, 2014

**MDOT RESEARCH PROJECT ADMINISTRATION MANAGER:**

Michael Townley, P.E.  
8885 Ricks Road  
Lansing, Michigan 48917  
E-MAIL: [mdot-research@michigan.gov](mailto:mdot-research@michigan.gov)

**GENERAL INFORMATION:**

**1. PROBLEM TO ADDRESS:**

MDOT's centerline and shoulder non-freeway rumble strip program was implemented to combat the large number of lane departure crashes. Lane departure crashes can be deadly; nearly 40 percent of all fatal motor vehicle crashes involve a single vehicle leaving its travel lane. The initial program cost approximately 9 million dollars over 3 years (2008-2010). This initiative was the first of its kind in the country - no other state has taken such an aggressive, proactive and systematic approach to installing rumble strips.

MDOT needs to evaluate the effectiveness of this initiative in order to merit the continuance of widespread use.

Phase II provides the opportunity to evaluate the 'after' results. The 'after' results include not only crashes, but conclusions from MDOT pavement Maintenance Employees, pavement Design Engineers, as well as the public's impressions and acceptance.

Phase I had the research opportunity to gather ‘before’ driver behavior and non-motorized data from the field as the last group of candidate roads were milled in 2010. Phase I provided important evidence as to the influence of rumble strips on driver behavior. The Phase I report is available at the following link. [http://www.michigan.gov/mdot/0,4616,7-151-9622\\_11045\\_24249-283852--,00.html](http://www.michigan.gov/mdot/0,4616,7-151-9622_11045_24249-283852--,00.html)

Phase II will be required to collect ‘after’ crash data and determine the impact of the rumble strips installations including a cost/benefit ratio and development of a Michigan specific crash modification factor (CMF) for the installation of non-freeway rumble strips.

Passing the knowledge gained in both Phases I and II to other states and municipalities who are considering a system-wide installation of non-freeway rumble strips is an important part of this research.

## **2. RESEARCH OBJECTIVES:**

1. Gain Familiarity with All Aspects of Phase I
2. Use Methodology Established in Phase I to Collect Phase II ‘After’ Crash Data
3. Obtain ‘After’ Data for all Project Tasks
4. Develop a Model ‘How To’ Report That Can be Utilized by Others Not Familiar with the Research Community Consider rewording as follows:  
Develop a Model ‘How To’ Implement Rumble Strips Report That Can be Utilized by Other States or Local Agencies that are not familiar with the technical research.

## **3. IMPLEMENTATION BENEFIT TO MDOT:**

Beneficiaries of this research project will be state and country wide. Township, County, and State officials can use this information to determine the effectiveness of non-freeway rumble strips in lowering lane departure crashes. They may also use the research results to determine potential impacts on driver behavior and their non-motorized community. This will be the most comprehensive report in the US on a system-wide installation of rumble strips. Every concern to date about a rumble strip installation will be addressed in this one report.

## **4. RISKS OR OBSTACLES TO RESEARCH:**

There could be a risk to the research project if investigators do not follow methods used in Phase I research. It will be important to verify the Investigators have appropriate information and are using it as we intend.

## **5. DESIRED QUALIFICATIONS IN AN INVESTIGATOR(S):**

The ideal team would consist of a Principal Investigator and other employees (grad students) with traffic and safety experience. A member of the research team must possess an undergraduate degree or higher in statistics and working experience in statistical analyses (Level II statistical expertise requirement).

## **CONSULTANT RESPONSIBILITIES:**

1. Literature Review
2. Data Review from Phase I
3. 'After' Data Collection –Crashes
4. 'After' Data Evaluation –Crashes
5. 'After' Data Collection – Pavement Maintenance and Pavement Design Employee Impressions and Impact of Implementation on Job Functions
6. 'After' Data Evaluation – Pavement Maintenance and Pavement Design Employee Impressions and Impact of Implementation on Job Functions
7. 'After' Data Collection – Public Impression of Implementation: Initial, Current and After Presentation of Crash and Pavement Results
8. 'After' Data Evaluation – Public Impression of Implementation: Initial, Current and After Presentation of Crash and Pavement Result
9. Prepare a Final Report - Includes Summaries from Phase I, Results from Phase II and a Complete Summary of the Entire Project.
10. Prepare a Short 'How To' Report– Prepare a Concise Document for use by Other States and Municipalities Desiring to do a System-wide Safety Implementation of Rumble Strips

Failure of any of the above will be found in noncompliance with the contract.

### **DELIVERABLES:**

Final report with cost-benefit and CRF for lane departure crashes susceptible to correction by rumble strips. Recommendations as to whether it is in the travelling public's best interest for MDOT to continue placing non-freeway rumble strips in construction projects. A short 'How To' guide for use by anyone in the traffic safety field who may not be familiar with the research community but wants to implement a system-wide installation including crash, pavement and public acceptance information. A model 'How to' guide that could be used by MDOT in future research.

### **MDOT RESPONSIBILITIES:**

All Phase I data, access to MDOT pavement maintenance and design employees.

### **COORDINATION PROCEDURES**

Work will be completed in compliance with the Research Implementation Manual

### **CONSULTANT PAYMENT**

All billings for services must be directed to the Department and follow the current Research Implementation Manual. This document contains instructions and forms that must be followed and used for billing. Payment may be delayed or decreased if the instructions are not followed.

Payment to the Consultant for services rendered shall not exceed the maximum amount unless an increase is approved in accordance with the contract with the Consultant.

Direct expenses, if applicable, will not be paid in excess of that allowed by the Department for its own employees in accordance with the State of Michigan's Standardized Travel Regulations. Supporting documentation must be submitted with the billing for all eligible expenses on the project in accordance with the Reimbursement Guidelines. The only hours that will be considered allowable charges for this contract are those that are directly attributable to the activities of this project.

The use of overtime hours is not acceptable unless prior written approval is granted by the MDOT project manager. Reimbursement for overtime hours that are allowed will be limited to time spent on this project in excess of forty hours per person per week. Any variations to this rule should be included in the priced proposal submitted by the Consultant and must have prior written approval by the MDOT project manager.

Compensation for services will be reimbursed on actual cost basis.

## **PROPOSAL INFORMATION AND SCORING**

Formal proposals are required and shall include the information as outlined in these Guidelines. This section is the information required in the proposal that will be used to score the qualifications of each consultant's proposal. The section numbering correlates to the score sheet. Therefore, the consultant should format their proposals consistent with the outline provided.

### **1. UNDERSTANDING OF SERVICE: 40 POINTS**

Describe understanding of the service intended to be proposed. This information is to be based on the scope of services.

**Problem Statement and Background Summary-** demonstrates good understanding of problem, looks objectively at problem, specifies problem limits and restricts scope appropriately, and cites relevant literature.

**Research Plan-** cites specific objectives clearly, technical approach responds to all written and implied requirements, difficult areas are identified and details to overcome are given, represents novel idea or technical approach, plan is feasible, and effort is consistent with scope of problem.

**Products and Implementation-** proposal clearly defines products to be delivered at completion, includes practical, realistic implementation plan.

**MDOT Involvement-** MDOT involvement is not excessive and is clearly defined and quantified.

### **2. QUALIFICATIONS OF TEAM: 30 POINTS –**

Describe the structure of the project team including the roles of all key personnel and subcontractors. For each subcontractor describe role in service and include what percent of the task that the subcontractor is expected to provide. Provide résumés for each of the key staff of the prime and subcontractor.

**Facilities-** proposer has adequate access to equipment and/or laboratory required in study.

**Staffing-** personnel availability is clearly defined, shows a depth of qualified personnel, proposer has ability to manage a project of this size an sufficient resources to complete study, qualifications are directly related to the requirements of the project, plans for specific key personnel assignment included, and there is a reasonable balance between subcontractor and prime contractor.

**Required Statistical Qualification-** In general, MDOT’s research is in the category of applied research. Regardless what is the primary field of an applied research project, statistical analysis tools are the typical ones for handling the data to conduct applied research. For this reason, the research team must have the needed statistical knowledge and experiences for conducting applied research. The required knowledge level for a research team in statistical analyses, if defined in the RFP under the heading possible investigators, is classified into one of the following four categories:

- Level I: Master Degree or higher in Statistics and working experience in statistical analyses is required
- Level II: Undergraduate degree in Statistics and working experience in statistical analyses is required
- Level III: At least one college series of statistics courses and working experience in statistical analyses is required
- Level IV: at least one college statistics course and working experiences under statisticians is required
- Level V: No statistical analysis

Proposals not documenting statistical training and experience levels required in the RFP may be classified as non-responsive.

**3. RELEVANT PAST PERFORMANCE: 30 POINTS**

The project manager will contact references and review relevant performance evaluations from the past 5 years.

**Record of past accomplishment-** proposer satisfactorily completed past projects, was cooperative and flexible, and ended past projects according to the original budget and time schedule.

**4. QUALITY ASSURANCE/QUALITY CONTROL (QAQC) PLAN: 5 POINTS**

The proposer provided an outline of a QA/QC process. The QA/QC Manager is experienced with MDOT standards and practices.

**5. LOCATION: 5 POINTS**

The percentage of work hours performed in Michigan will be used for all selections unless the project is for on-site inspection or survey activity. The combination of location and percentage of work performed in Michigan should not exceed 5 points.

Percentage of Work

To Be Done in Michigan	
Score	
95% to 100%	5
80% to 94%	4
50% to 79%	3
25% to 49%	2
10% to 24%	1
Less than 10%	0

**6. PRICE: 40 POINTS**

Cost score is based on the lowest cost proposed divided by the current proposer cost multiplied by 40. Lowest bid shall receive 40 points.

**TOTAL POINTS: 150**

**Research Proposal Budget Form Worksheet**

Project Title	
Research Organization	
Date	

									FY1	FY2	FY3	FY4	TOTAL	
<b>SALARIES &amp; WAGES -- MUST COMPLY WITH OMB CIRCULAR A-21</b>														
Specify number of hours to be worked and hourly rate for each individual below:														
Examples of role of individual are Principal Investigator, Technician, Grad Student, etc. Annual wage increases must not exceed 2%														
(role of individual)														
Name of individual														
Enter FY	FY1 rate	FY1 hrs	FY2 rate	FY2 hrs	FY3 rate	FY3 hrs	FY4 rate	FY4 hrs						
rate & hrs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(role of individual)														
Name of individual														
Enter FY	FY1 rate	FY1 hrs	FY2 rate	FY2 hrs	FY3 rate	FY3 hrs	FY4 rate	FY4 hrs						
rate & hrs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(role of individual)														
Name of individual														
Enter FY	FY1 rate	FY1 hrs	FY2 rate	FY2 hrs	FY3 rate	FY3 hrs	FY4 rate	FY4 hrs						
rate & hrs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(role of individual)														
Name of individual														
Enter FY	FY1 rate	FY1 hrs	FY2 rate	FY2 hrs	FY3 rate	FY3 hrs	FY4 rate	FY4 hrs						
rate & hrs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(role of individual)														
Name of individual														
Enter FY	FY1 rate	FY1 hrs	FY2 rate	FY2 hrs	FY3 rate	FY3 hrs	FY4 rate	FY4 hrs						
rate & hrs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(role of individual)														
Name of individual														
Enter FY	FY1 rate	FY1 hrs	FY2 rate	FY2 hrs	FY3 rate	FY3 hrs	FY4 rate	FY4 hrs						
rate & hrs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(role of individual)														
Name of individual														
Enter FY	FY1 rate	FY1 hrs	FY2 rate	FY2 hrs	FY3 rate	FY3 hrs	FY4 rate	FY4 hrs						
rate & hrs									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Sub-Total Salary &amp; Wages</b>									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

<b>FRINGE BENEFITS -- MUST COMPLY WITH OMB CIRCULAR A-21</b>										
Indicate Employee, appropriate negotiated rate for each and description of who the rate applies to. ( e.g. - Sam Smith, 25%, Summer Faculty. The rate is negotiated between the university and it's cognizant agency										
Name										
(Rate Description)										
(% rate)	FY1	FY2	FY3	FY4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Name										
(Rate Description)										
(% rate)	FY1	FY2	FY3	FY4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Name										
(Rate Description)										
(% rate)	FY1	FY2	FY3	FY4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Name										
(Rate Description)										
(% rate)	FY1	FY2	FY3	FY4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Name										
(Rate Description)										
(% rate)	FY1	FY2	FY3	FY4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Name										
(Rate Description)										
(% rate)	FY1	FY2	FY3	FY4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Name										
(Rate Description)										
(% rate)	FY1	FY2	FY3	FY4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Sub-Total Fringe Benefits</b>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>SUBCONTRACTOR -- MUST COMPLY WITH OMB CIRCULAR A-21</b>										
A copy of the subcontractor's budget must be attached. An MDOT approved subcontract is required for subcontractor costs in excess of \$25,000 prior to payment of invoices that contain subcontractor work. List all subcontractors on a separate line.										
Subcontractor Name & Amt.										\$0.00
Subcontractor Name & Amt.										\$0.00
<b>Sub-Total Subcontractor</b>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>TRAVEL -- MUST COMPLY WITH OMB CIRCULAR A-21</b>										
Must be in accordance with IDS contract requirements.										
<b>In-State Travel (Destinations within Michigan)</b>										
Provide a separate table itemizing costs.										\$0.00
<b>Out-of-State Travel (Prior approval required)</b>										
Provide a separate table itemizing costs.										\$0.00
<b>Sub-Total Travel</b>					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**SUPPLIES -- MUST COMPLY WITH OMB CIRCULAR A-21 (Few items not allowed are: computers, printers, monitors, fax machines, printer paper, toner cartridges, pens, pencils, legal pads, clips, rubber bands, post-it notes, books, notebooks, binders, folders, diskettes, postage stamps, chairs, office furniture, calendars, paper punches, business cards, staplers, waste cans, etc.)**

Provide details if cost exceeds \$2,000. Individual line items in excess of \$1,000 require a detailed explanation regardless of total cost

(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
<b>Sub-Total Supplies</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**CAPITAL EQUIPMENT -- MUST COMPLY WITH OMB CIRCULAR A-21 - Purchased specifically for this project**

List items with a value in excess of \$500. Equipment in excess of \$5,000 requires prior approval.

(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
<b>Sub-Total Equipment</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**OTHER EXPENSES -- MUST COMPLY WITH OMB CIRCULAR A-21 (Few items not allowed are: memberships in professional & scientific organizations, local telephone lines, cell phones, etc.)** Any project expense which does not fall into another category. Provide detailed explanation of the expense and applicable breakdown of costs (e.g. graduate student tuition).

(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
(Description)						\$0.00
<b>Sub-Total Other Expenses</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**Total Sub-Totals**

<b>Total Sub-Totals</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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**INDIRECT COSTS -- MUST COMPLY WITH OMB CIRCULAR A-21**

Indirect cost rates are negotiated between the university and it's cognizant agency. Indicate the type of negotiated indirect rate used and the percentage (e.g. On Campus Research, 52%)

(Type)		(%)								
		FY1	FY2	FY3	FY4					
Enter \$ Amt per FY						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Indirect Costs</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

<b>TOTAL PROJECT COSTS</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>UNIVERSITY MATCHING FUNDS</b>					\$0.00
<b>TOTAL MDOT PROJECT COSTS</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00