



FY 2025 Annual Program Research Project Statement 25-051

Title:	Revisions for the TxDOT Pavement Management Information System (PMIS) Rater’s Manual
The Problem:	The TxDOT PMIS Rater’s Manual needs to be revised. Some distress rating definitions for different pavement types, especially concrete pavements, in the manual are confusing or outdated and can be improved to assess the condition of such pavements more accurately and consistently.
Technical Objectives:	<p>The objectives of this project are:</p> <ul style="list-style-type: none"> • Review, analyze, and propose changes to the current distress rating definitions for flexible, jointed concrete and continuously reinforced concrete pavements. • Host collaborative workshops to gather inputs from division and districts on pavement condition data collection challenges using the current manual. • Assess the impact of the changes to the PMIS scores and propose changes to distress utility curves if needed. • Review the impact of the changes with the panel and make adjustments if needed. • Revise the TxDOT PMIS Rater’s Manual. <p>The expected technology readiness level (TRL) for this project is 8.</p>
Anticipated Deliverables:	<ol style="list-style-type: none"> 1. Technical memorandum for each task completed. 2. Monthly progress reports. 3. Revised TxDOT PMIS Rater’s Manual 4. Project Summary Report 5. Research report documenting the findings of this research, including: <ul style="list-style-type: none"> • Review of proposed changes. • Assessment of the impact of the changes. • Value of Research (VoR) that includes both qualitative and economic benefits.
Proposal Requirements:	<ol style="list-style-type: none"> 1. RFP#1 Q&A Deadline: 12:00 p.m. Central Time, Tuesday, February 20, 2024. 2. Proposal Deadline: 12:00 p.m. Central Time, Thursday, March 21, 2024. 3. Use the current “ProjAgre” and “PA Forms” templates located at the RTI Forms webpage. 4. Proposals will be considered non-responsive and will not be accepted for technical evaluation if they are not received by the deadline or do not meet the requirements stated in RTI's University Handbook. 5. Proposals should be submitted by the University Liaison in PDF format; (1) PDF file per proposal. File name should include project name and university abbreviation. 6. This project will be tracked during the life of the project using the Technology Readiness Level (TRL) scale. 7. The 2021 Texas Legislative Session requires that universities be in compliance with Senate Bill 475 by submitting a completed and signed TxDOT Security Questionnaire (TSQ) to RTIMAIN@txdot.gov in advance of a proposal submission. Universities that have not submitted a completed and signed TSQ one week after award will be considered non-compliant and unable to participate in the Program.