



Developing a Research Project Tracking System

TPF-5(467): PROJECT OVERVIEW AND STATUS RAC SUMMER MEETING – JULY 2025

Project Background

Project Objective

The objective of this project is to develop a new, web-based, state-of-the-art Research Project Tracking System (RPTS) for State DOTs to use in managing their respective research programs.

Project Phasing

Phase 1 of this project focused on developing common functional requirements for the RPTS. Fourteen states participated in this process, which was completed in 2022 and produced a Functional Requirements Document.

Phase 2 is focused on developing and implementing the RPTS. This is in progress.

Project Funding

Each participant in Phase 1 contributed \$3,500.

Each participant in Phase 2 has contributed \$46,000.

Phase One Participants

Alabama

Missouri

Arizona

Nebraska

Arkansas

New Jersey

District of Columbia

New Mexico

Florida

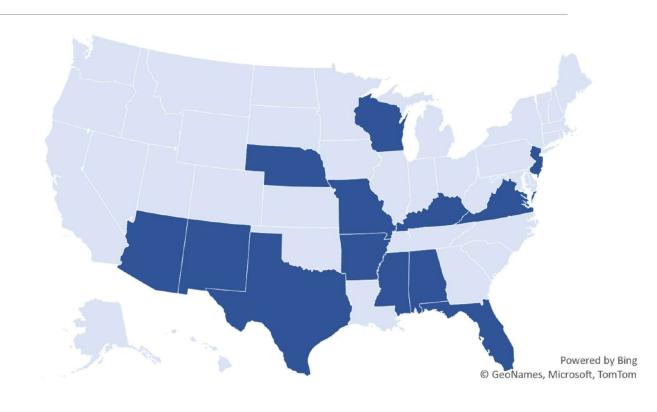
Texas

Kentucky

Virginia

Mississippi

Wisconsin



Phase Two Participants

Alabama Missouri

Arizona Nebraska

Arkansas New Jersey

Colorado New Mexico

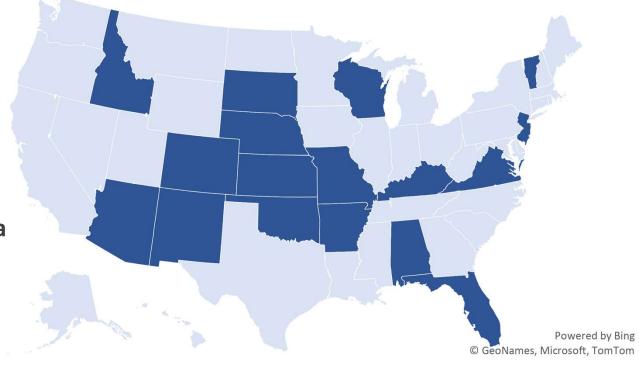
District of Columbia Oklahoma

Florida South Dakota

Idaho Vermont

Kansas Virginia

Kentucky Wisconsin



What we did in Phase One

- Developed a list of potential capabilities & attributes of an RPTS
- Ranked and stratified those capabilities and attributes:
 - Required
 - Desired
 - Optional less important
 - Not important
- Developed a Functional Requirements Document
- > Reached consensus agreement on the FRD

Phase 2 Accomplishments (so far)

- Developed an RFP
 - Functional requirements included as an appendix
- ➤ Released and Advertised RFP 3/13/24
- ➤ Received Seven Proposals 4/25/24
- ➤ Selected Vendor 7/18/24
 - > Seikosoft LLC
- ➤ Signed Contract 8/23/24

Phase 2 Accomplishments (continued)

- Requirements Gathering Complete
- Development and Staging Environment Setup Complete
- > Front End Development
 - Nearly complete user acceptance testing underway
- ➤ Back End Development
 - Nearly complete user acceptance testing underway
- Documentation and Training
 - Substantial documentation now available online

Next Steps:

- ➤ Production Deploy
- Complete Documentation and Provide Training
- ➤ Move into Hosting & Maintenance Phase
 - Three years included in initial contract can extend
 - Will include ongoing enhancements guided by Change Configuration Control Board

Some Screenshots of the Staging Environment

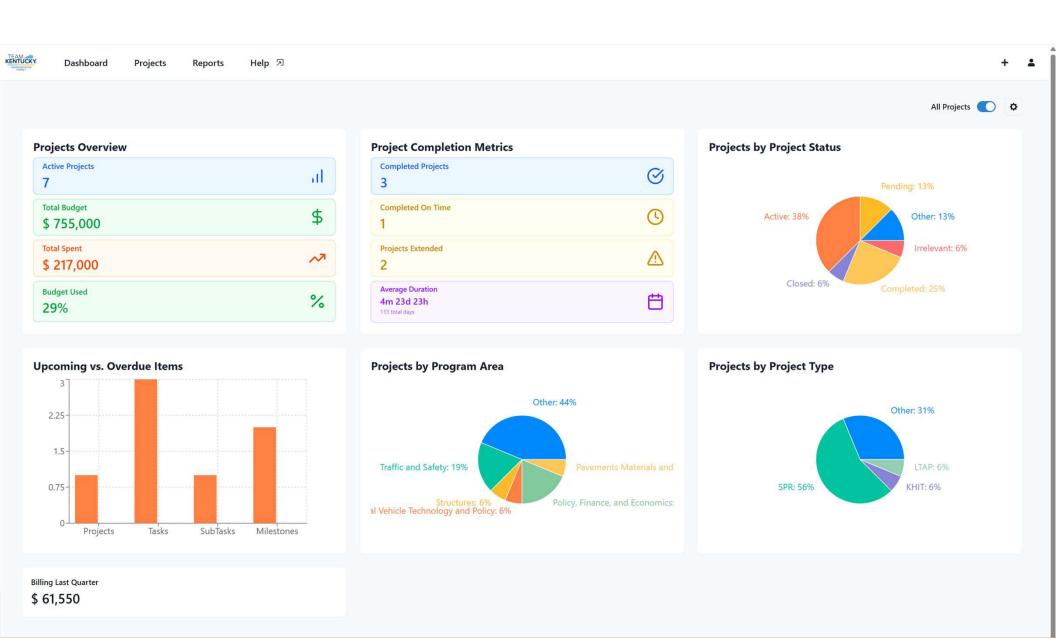
- Each partner state has its own partition, its own settings, and its own data
- ➤ Screenshots are from Kentucky's staging environment not "real" data.
- > For illustration purposes only

Sign into the RPTS

Email				
	joe.crabtree@uky.edu			
Password				
	•••••			

Forgot password?

Sign in





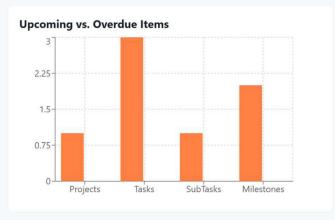
Dashboard Projects Reports Help 🗵

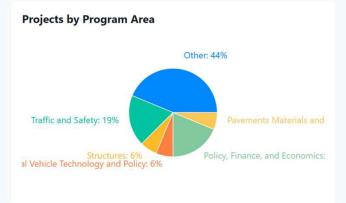


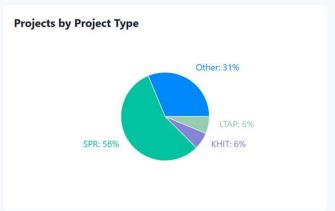






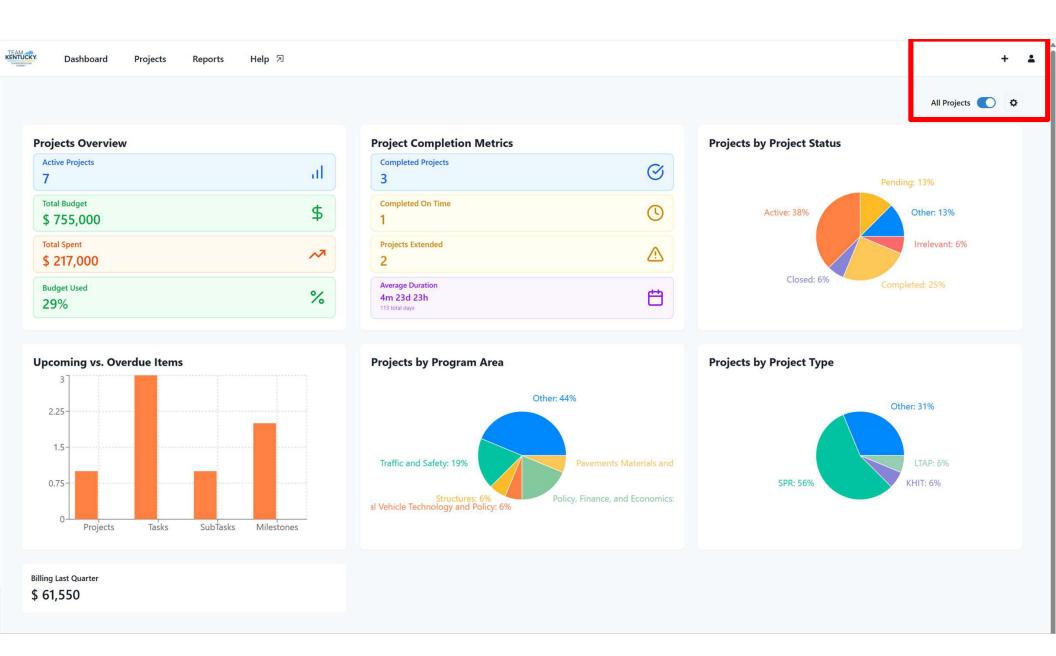




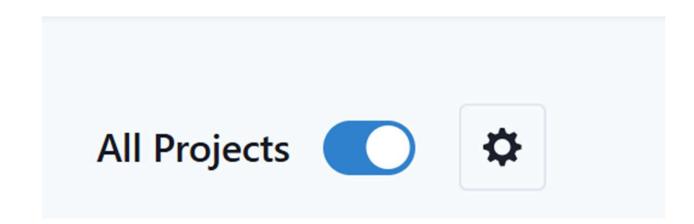


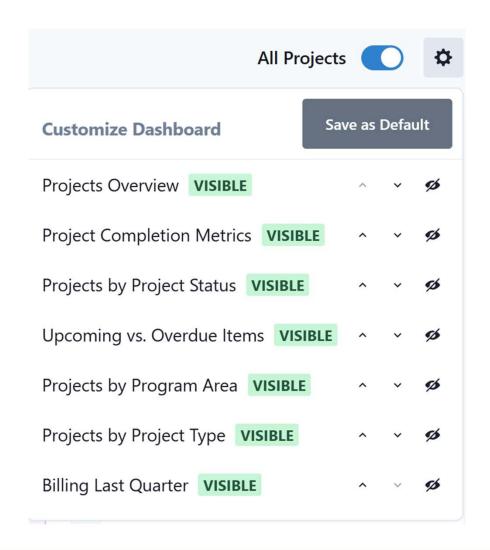
Billing Last Quarter \$ 61,550

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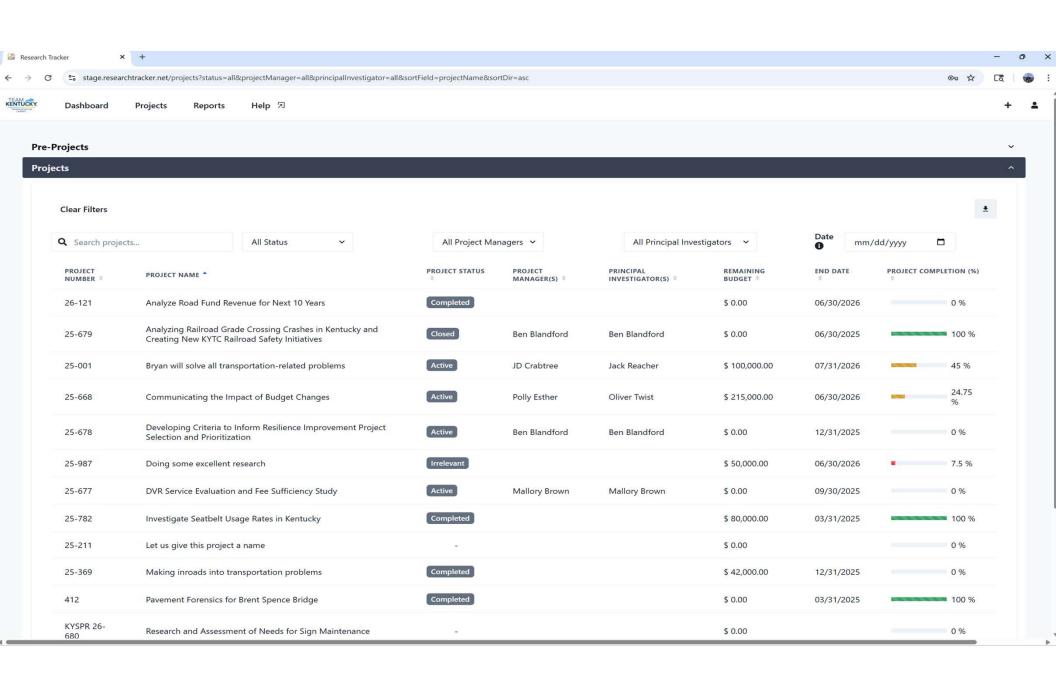


Dashboard

Projects

Reports

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Dashboard

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TRANSPORTATION CABINET

Project

Milestones

Tasks

Financials

Documents

Gantt Chart

History

25-679: Analyzing Railroad Grade Crossing Crashes in Kentucky and Creating New KYTC Railroad Safety Initiatives

Pre-Project

Project

Project Name *

Analyzing Railroad Grade Crossing Crashes in Kentucky and Creating New KYTC Railroad Safety Initiatives

Project Number *

25-679

Description:

KYTC is concerned with the safety of highway-railroad grade crossings because vehicle crashes at these locations are typically fatal. Between 2015 and 2019, 14 railroad-related crashes occurred in Kentucky — 13 were fatal. KYTC is moving forward with its Vision Zero initiative, and it is essential to assess safety at highway-railroad grade crossings and identify appropriate countermeasures (e.g., install/update warning signs, signals, and bells) to reduce injury and fatal crashes.

Project Type •

SPR

Problem Statement:

KYTC is concerned with the safety of highway-railroad grade crossings because vehicle crashes at these locations are typically fatal. Between 2015 and 2019, 14 railroad-related crashes occurred in Kentucky — 13 were fatal. KYTC is moving forward with its Vision Zero initiative, and it is essential to assess safety at highway-railroad grade crossings and identify appropriate countermeasures (e.g., install/update warning signs, signals, and bells) to reduce injury and fatal crashes.

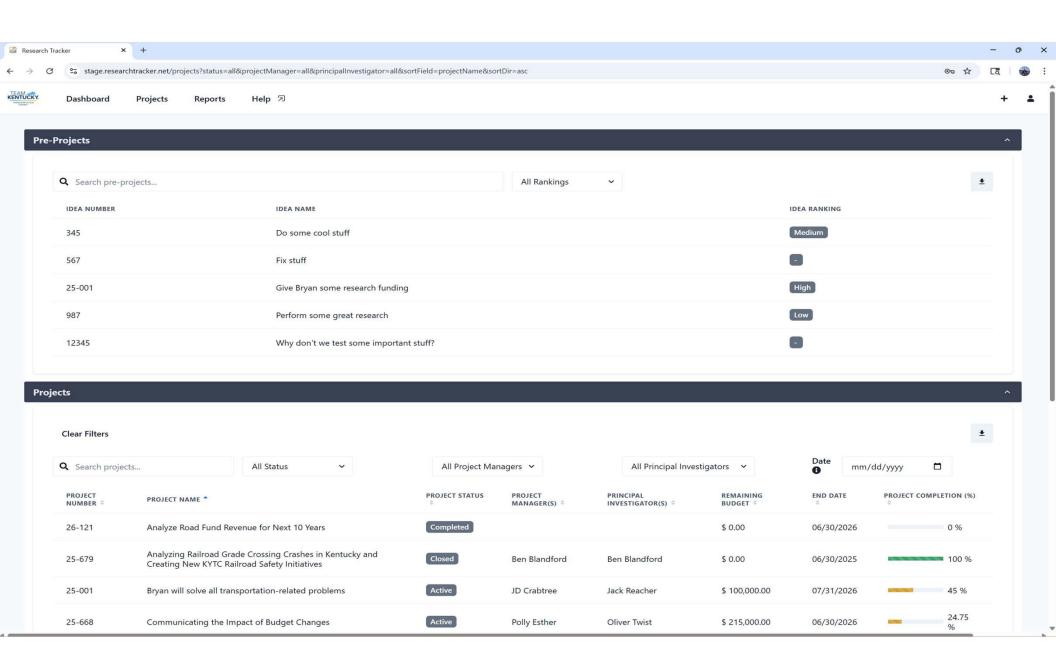
Program Area 3

Organization Name

Kentucky Transportation Center

Organization Type •

University



25-987: Doing some excellent research

Add Comment





Pre-Project		^
Idea Name *		
Fix stuff		
Problem Statement		
There is a problem		
	RFP Number	RFP Published Date
Idea Number *		
567	RFP Closed Date	RFP Fully Approved Date
Project Manager		
	RFP Questions Due Date	RFP Responses Due Date
Idea Ranking •		
	Proposal Decision Date	
Associated Deliverable		
Idea Source Percent	ositive votes	
% 0		



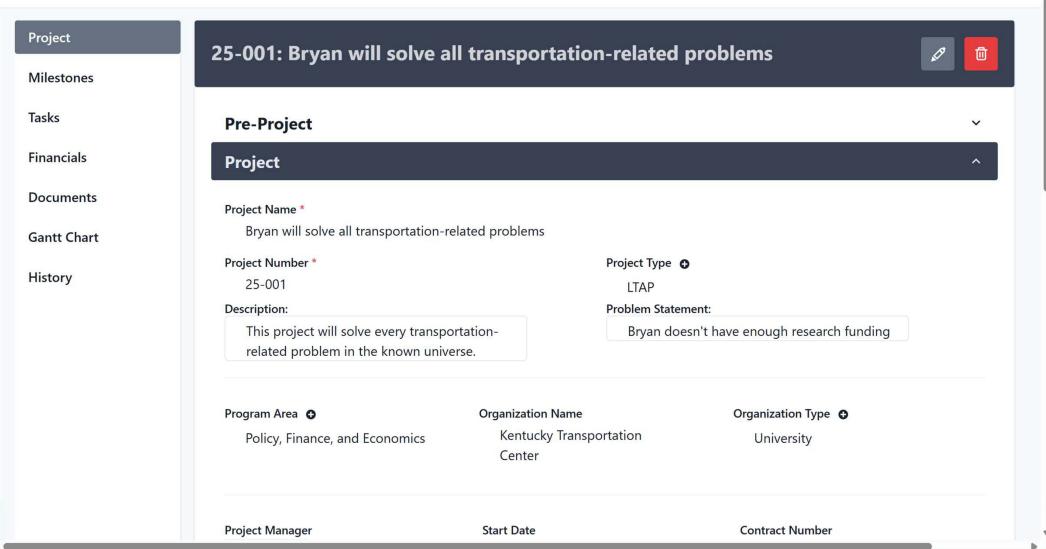
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Project

Milestones

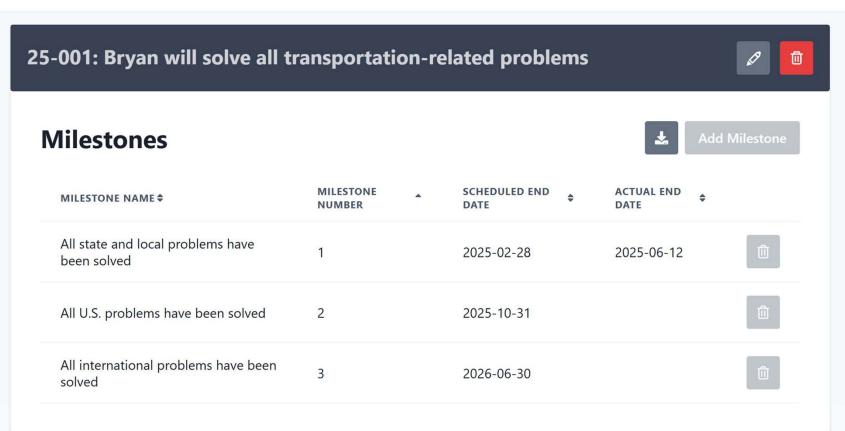
Tasks

Financials

Documents

Gantt Chart

History





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Project

Milestones

Tasks

Financials

Documents

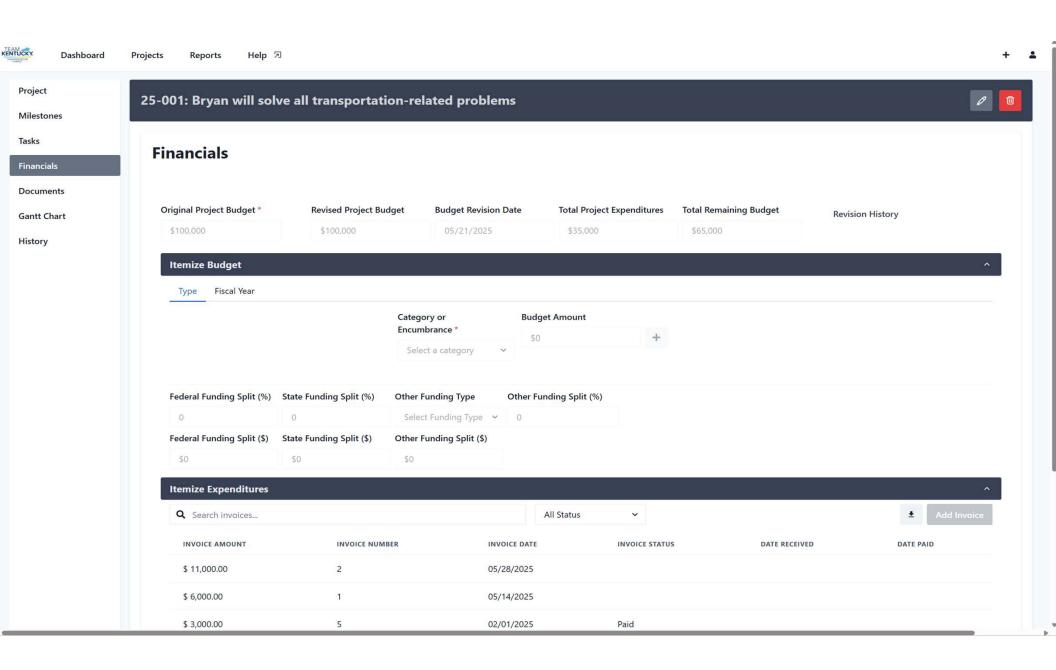
Gantt Chart

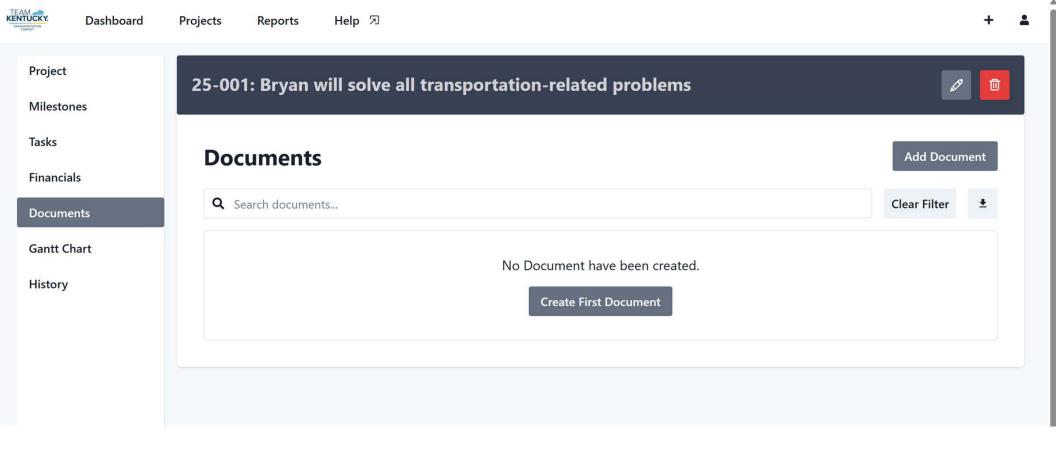
History

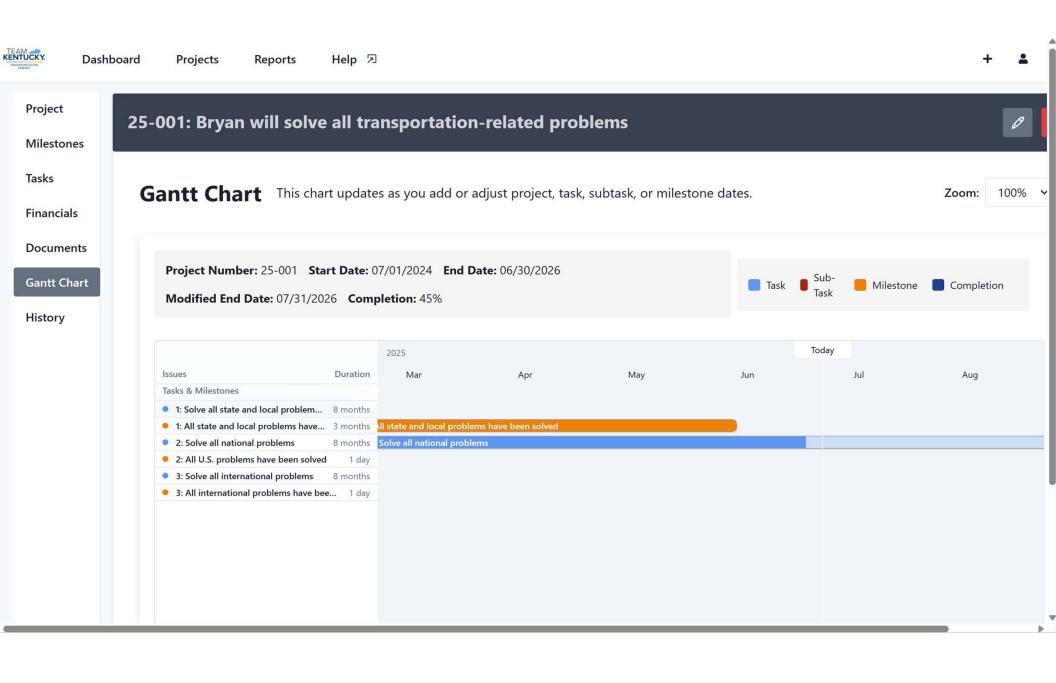
25-001: Bryan will solve all transportation-related problems

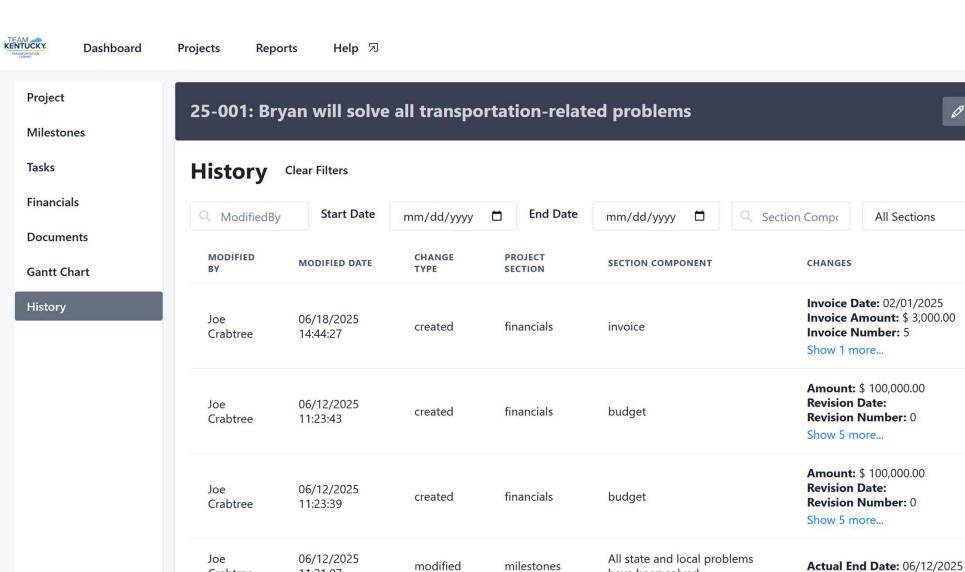


TASK NUMBER	TASK NAME\$	SCHEDULED \$	ACTUAL START \$ DATE	SCHEDULED END DATE	ACTUAL END \$ DATE	COMPLETION ♠	ACTIONS	
1	Solve all state and local problems first	2024-07-01	2024- 07-01	2025-02-28	2025- 06-12	100%	Actions 🗸	
2	Solve all national problems	2025-03-01	2025- 03-05	2025-10-31		50%	Actions 🗸	
3	Solve all international problems	2025-11-01		2026-06-30		0%	Actions 🗸	









have been solved

Solve all state and local

Actual Fnd Date: 06/12/2025

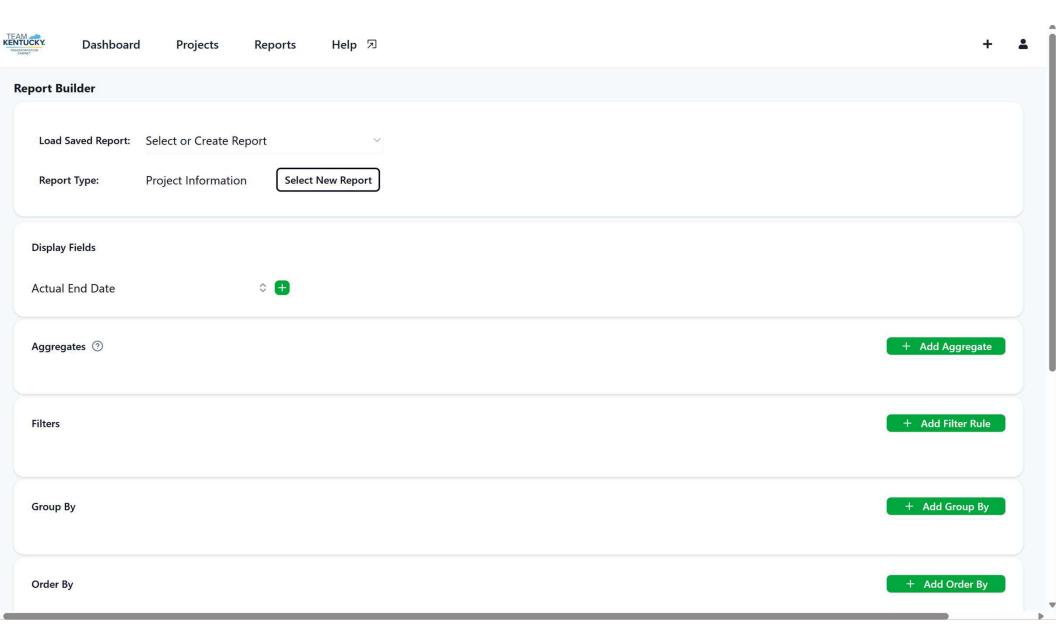
Crabtree

Ine

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06/12/2025

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Dashboard Projects Reports Help 🗇



RPTS User Manual

Release Notes



Introduction
Research Project Tracking System

Passwords
Dashboard

Project Management

Reports

Settings

Users

♠ > Introduction > Research Project Tracking System

Introduction

Research Project Tracking System

Last updated June 17, 2025

Introduction

Welcome to the Research Project Tracking System! To begin, please ensure you can sign into the following URLs. You may need to work with your IT department to allow communications from the following email addresses:

- Stage URL: https://stage.researchtracker.net
- Stage Email: donotreply-stage@researchtracker.net
- Production URL: https://www.researchtracker.net
- Production Email: donotreply@researchtracker.net

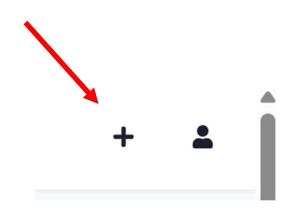
Seikosoft, the RPTS software vendor, will assign your jurisdiction at least one administrative account. Then, your administrator or administrators can create additional accounts.

Use the left-hand menu to explore RPTS documentation and learn more about a topic. Administrators, to configure your RPTS experience, follow the initialization steps via Settings.



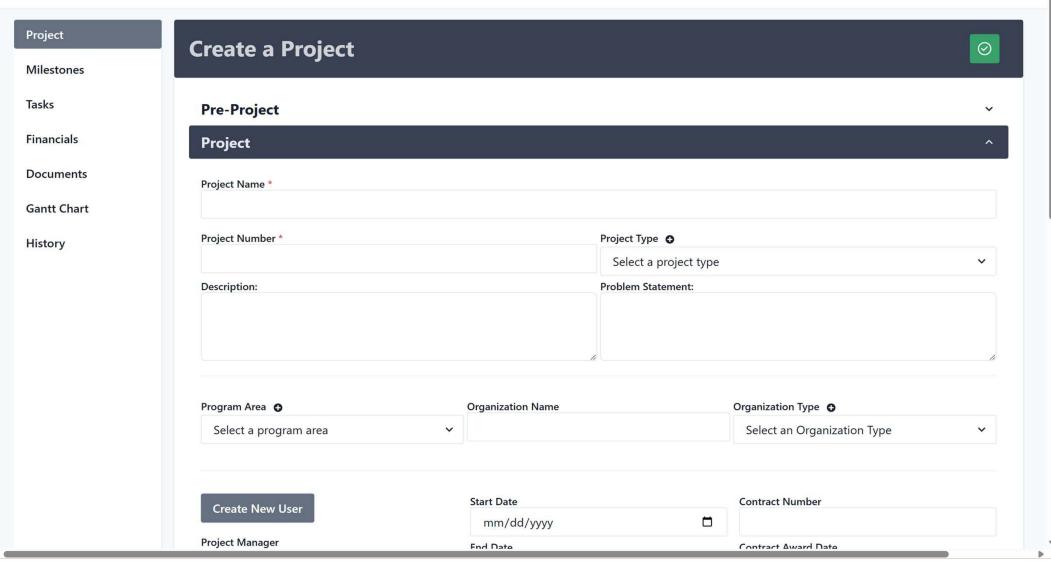
For technical support or additional training material, please contact helpdesk@researchtracker.net.

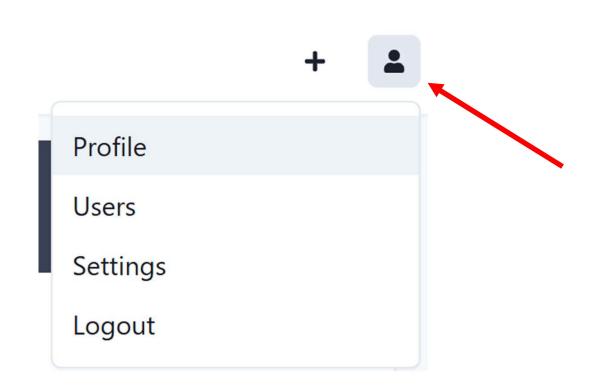


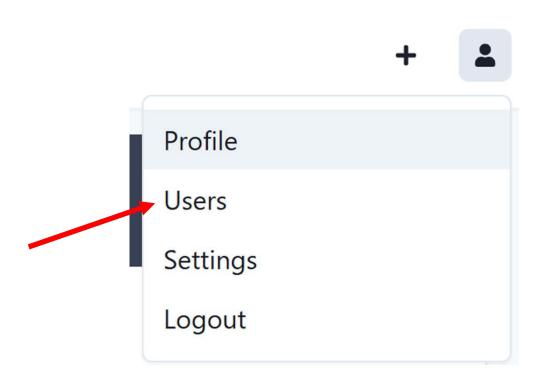




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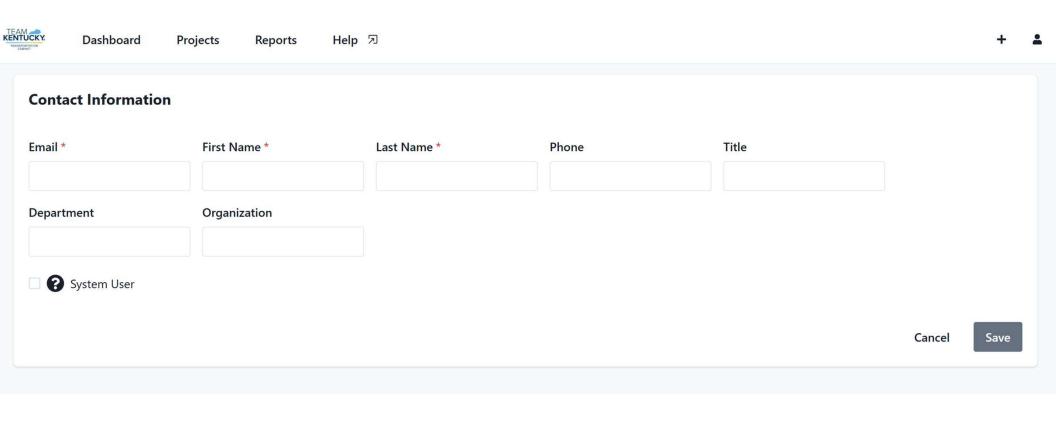


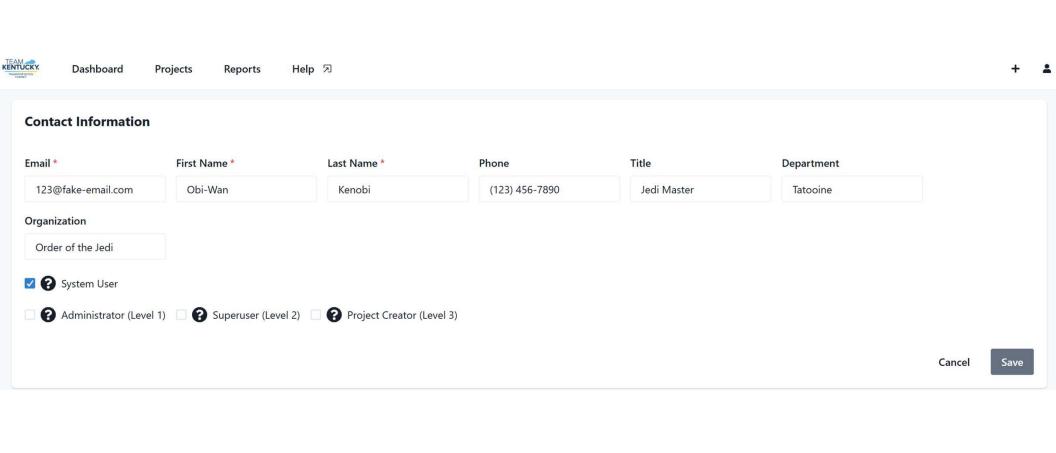


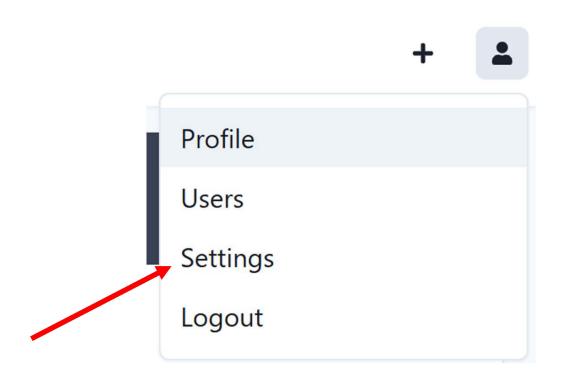
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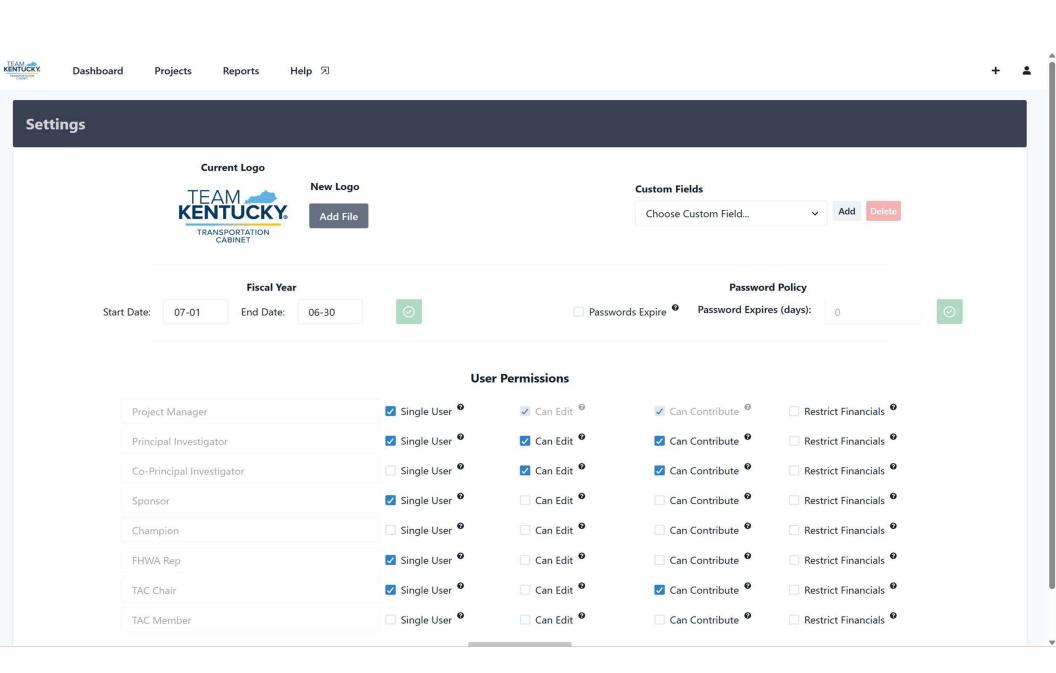
Users

			Create	User			
Q Search users			A	l Users 🗸			<u>*</u>
EMAIL ÷	FIRST NAME †	LAST NAME	PHONE \$	TITLE \$	DEPARTMENT =	ORGANIZATION =	USER TYPE \$
joe.crabtree@uky.edu	Joe	Crabtree	859-229- 6108	Research Engineer	Commercial Vehicle Policy and Technology	Kentucky Transportation Center	System
eric.green@uky.edu	Eric	Green					System
jarrod.stanley@ky.gov	Jarrod	Stanley	502-370- 1492	Research Coordinator	Office of the State Highway Engineer	Kentucky Transportation Cabinet	System
bryan.gibson@uky.edu	Bryan	Gibson		Associate Director		Kentucky Transportation Center	System
clark.graves@uky.edu	Clark	Graves		Associate Director	Front Office	Kentucky Transportation Center	System
icrabtreeauthor@yahoo.com	Polly	Esther	(888) 555-	Supreme	HR	United Nations	System

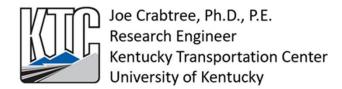








Thank you!



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