

Project #	Project Title	Research Partner	7/12/2019
930-997	Alabama Connected Vehicle Application Research	UA	
930-994	Structural Pavement Design Advancement in Alabama Phase I: Software Development and Design Input Assessment	AU	
930-990	Strength Assessment of Soil Cement Base: Plastic-Mold Compaction Device and Dynamic Cone Penetrometer Testing	AU	
930-989	Characterization of Concrete Creep and Shrinkage of the Birmingham I-59/I-20 Segmental Bridge	AU	
930-988	Characterizing Strength Loss in Prairie Clays Along Alabama Highways	AU	
930-987	Load Rating For Corrugated Metal Culverts	AU	
930-984	Development of Conservation Plans for Gopher Tortoises in Alabama via Long-Term Demographics and Modeling	AU	
930-982	GEOGIS 2018 Transition and Support	UA	
930-980	Flashing Yellow Arrow Left Turn Phasing by Time-of-Day Development of Design and Operational Guidelines	USA	
930-979	Incorporating Cracking Parameters Determined from ALDOT-361 Test Procedure into Specifications for Asphalt Mix Design and Production	NCAT	
930-978	Serviceability of Piles Under Compression and Downdrag Forces	A&M	
930-976	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program FY 2017	AU	
930-973	Transportation Research, Workforce Development, and Technology Transfer Initiatives For Reducing Congestion in Alabama and the Southeast United States	UAB	
930-972	Condition Assessment of Steel Box Girder Bridge Using Long-Term Field Measurements	UA	
930-967	Using ALGO Traffic Data to Improve Traffic Incident Management	UA	
930-965	Field Implementation and Evaluation of Directional Rumble Strips on Exit Ramps in Alabama	AU	
930-964	Development of Guidance for Unsignalized Intersection Type Configuration on Rural Divided Highways	AU	
930-963	In-Service Performance Evaluation (ISPE) of Guardrails and Cable Barriers in Alabama	UAH	
930-962	Evaluation of ALDOT Erosion Control Practices Using Rainfall Simulation	AU	
930-961	Determining Bearing Stress for MSE Retaining Structures	AU	
930-960	Development of a Construction Inspection Management System (CIMS) Integrated with Mobile Devices with a Temporary Traffic Control Application	AU	
930-959	Pavement Conditions Data Quality Assurance	AU	
930-958	Comparison of RFI and GPR NDT Methods for Identifying Sub-Surface Damage Detection in Concrete Bridge Decks	UAB	
930-957	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program FY 2017	AU	
930-956	Evaluation of Non-Destructive Test Methods to Assess the In-Place Condition of Concrete Structures	AU	
930-954	Vegetation Management of Alabama Highway Right of Ways	AU	
930-950	Alabama Department of Transportation GIS-Based Plume Data Web Portal	UA	
930-948	Reviewing Acceptance Schedule of Payment for Asphalt Pavements	AU	
930-945	Use of Geophysical Methods for Sinkhole Exploration	AU	
930-944	GRS-IBS Monitoring and Implementation	AU	
930-943	Maintenance of the Alabama Department of Transportation Traffic Signal Design Manual	UAB	
930-939	Comprehensive Study on the Behavior of Steel Girder Bridges	UA	
930-937R	Dilemma Zone Protection (DZP) Systems: Characterizing Driver Behavior and Optimizing DZP Boundaries	USA	
930-935S	Urgent Mitigation of Major Surge and Wave Force Damage in the I-10 Mobile Bay-Way Bridges Using an Energy-Dissipative Elastomeric Hybrid Composite (HMC)	UAB	
930-933	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program FY 2016	AU	
930-931	Evaluation of Landslides Along Alabama Highways	AU	
930-930	Development of Cracking Conditon Assessment System for Concrete Bridge Decks Using Image Processing Techniques	UA	
930-929	Driven Precast Prestressed Concrete (PPC) Pile Design and Construction Optimization	UA	
930-928	Driven Precast Prestressed Concrete (PPC) Pile Design and Construction Optimization	AU	
930-927	Analysis of The Study and Mobility Benefits of Queue Warning Systems in Alabama Work Zones	AU	
930-926	Construction Locked-In Force Effects Due to Different Cross-Frame Detailing Methods, Phase I: Field Evaluation	UAH	
930-924	Effects of Pile Embedment Length on the Connection Behavior and Precast Pile Footing	UA	
930-923	Application of the Naturalistic Driving Study (NDS) Dataset to Improve Design and Associated Practices	AU	
930-922	Development of the ALDOT Traffic Simulation Manual	UA & UAB	
930-921	Seismic Connection Bridge Detail for Across-the-Board Soil Site Class	UAB	
930-920	Fiction and Texture Retention of Concrete Pavements after Diamond Grinding and Grooving	UA	
930-919	Measurement of Bridge Deck Layout Prior to Concrete Placement	UA	
930-917R	Verification of WBUZPILE Designed Methodology and the Development of a LRFD Driven Pile Resistance Factor Calibration for Alabama Soils	USA	
930-912	Self-Centering Connections for Traffic Sign Structure: Phase II, Large-Scale Subassembly Test	UAH	
930-907	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program FY 2015	AU	
930-903	Stability of Horizontally Curved I-Girder Bridges During Early-Stage Construction	UAH	
930-896	Maintenance Activity Data Analysis for Performance Based Budgeting	Alabama	
930-895	Strength Assessment of Soil-Cement Base	Auburn	
930-887	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program FY2014	Auburn	
930-875	University of Alabama at Birmingham (UAB) - University Transportation Centers (UTCs): Research Projects - Round 2, (8 projects total)	AU	
930-867	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program	AU	
930-866R	Evaluation of Remediation Strategies for Shrink-Swell Clays in Western Alabama	AU	
930-863	Evaluation of High-Rate Settling Technology for Sediment Control in Roadway Construction Sites	AU	
930-862	Culvert Wing Tab Design Loads	AU	
930-859	Experimental Validation of Analysis Methods and Design Procedures for Steel Pile Bridge Bents	AU	
930-857	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program	AU	
930-856R	A Safety study of alabama Highways - Reducing Crashes Caused by Drowsy Driving: Focusing on Roadside Rest Areas & Drowsy Driving Warning Signs	USA	
930-853R	Evaluation of Inlet Protection Practices Using Large-Scale Testing Techniques	UA	
930-847	Life Cycle Cost in Alabama Department of Transportation (ALDOT) Infrastructure Projects	AU	
930-846	Life Cycle Cost Analysis for Pavement Type Selection	AU	
930-843	University Transportation Centers (UTCs) - Regional: University of Alabama with University of Florida, (5 projects total)	UAB	
930-842	University Transportation Centers (UTCs) - Tier I: University of Alabama with Georgia Institute of Technology, (7 projects total)	UAB	
930-841R	Monitoring the Coastal Processes in the Vicinity of Little Lagoon Pass	USA	
930-837R	Monitoring the Effects of the Birmingham Northern Beltline Construction in the Little Cahaba Creek Watershed	AU	
930-833	Evaluation of Origin-Destination Matrix Estimation Techniques to Support Aspects of Traffic Modeling	UAH	
930-832	Improving Camber Predictions for Pre-stressed Concrete Girders	AU	
930-827	A Study of the Effects of Pavement Widening and Rumble Strips on Two-Lane Rural Highways in Alabama	AU	
930-824R	Evaluation of Diverging Diamond Interchange (DDI) for Alabama, Phase I	UAH	
930-822P	Accelerated Performance Testing for the 2012 NCAT Pavement Test Track	AU	
930-818	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program	AU	
930-817R	GeoGIS Transition to Alabama Department of Transportation (ALDOT)	UA	
930-816R	GRS-IBS Implementation Assistance and Monitoring	AU	
930-813R	Design of Overhead Sign Support Structures to Mitigate Wind-Indued Fatigue Loads	UAB	
930-812	Load and Resistance Factor Design (LRFD) for Deep Foundations with Reliability Analysis and Design Method Calibration	UAH	
930-811R	Vegetated Filter Strip Performance Evaluation for Cost-Effective Roadway Runoff Treatment in Alabama	USA	
930-809R	Contraflow Evacuation Planning for I-65 in Alabama	UA	
930-808	Alabama Department of Transportation 2011 Reseach and Development Peer Exchange	UAB	
930-805	Evaluation of Asphalt Mixtures Containing Recycled Asphalt Shingles-Phase I	AU	
930-804	Evaluation of Non-Tracking Hot Applied Polymerized Tack Material for Use with Open-Graded Friction Course (OGFC)	NCAT	
930-803	Update of Bridge Design Standards for AASHTO LRFD Seismic Design Requirements	AU	
930-801	Department Drilling and Traffic Control Services for the "Highway Research Center's Evaluation of Causes of Pavement Distress in US 331 in Montgomery County, AL"	AU	
930-798	GeoGIS, Phase III	UA	
930-795	Evaluation of an Asphalt Rubber Mixture in Alabama	AU	
930-794	Evaluation of Alabama Department of Transportation's Quality Assurance Testing Program and Pay Assessment Schedules for Asphalt Mixtures	NCAT	
930-790	Improvement of Open-Graded Friction Course in Alabama	AU	
930-786	Vegetation Management for Alabama Right-of-Ways	AU	
930-785	Pilot Project: Retaining Walls Inventory and Inspection	UAH	
930-784	Maintaining Vegetation for Long-Term Erosion Control on Disturbed Slopes	AU	
930-781	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program	AU	
930-777	Mitigation of Cracking of Cast-In-Place Culverts in Alabama	AU	
930-773R	Assessment of Long-Time Behavior for Bridge Girders Retrofitted with Fiber Reinforced Polymer (FRP) Using Accelerated-Time Concepts	UAB	
930-772	Pilot Car Driver Certification Program	UA	
930-769	Upgrade of Axially Loaded Pile Soil Modeling with the Implementation of LRFD Design Procedure	UAH	
930-768	Methods for Forecasting Freight in Uncertainty: Time Series Analysis of Multiple Factors	UAH	
930-767	Agronomic Solutions for Establishment of Roadside Vegetation	Auburn	
930-766	Development of an Integrated Economic, Land Use, and Transportation Forecasting Model for the State of Alabama	Auburn	
930-765	FY 2009, Technology Transfer Program for Local Transportation Agencies in Alabama	Auburn	
930-763P	Superpave Regional Center, Southeastern Region	NCAT	
930-762	Rapid Replacement of Bridge Decks-Phase V: Laboratory Evaluation of Deck Systems	Auburn	
930-761	Development of a Ride Quality Smoothness Specification and Technology Evaluation Program at the NCAT Pavement Test Track	NCAT	
930-755	Evaluation of Driver Perceptions and Safety Impacts of Innovative Use of Internally Illuminated, Raised Pavement Markers	Auburn	
930-754P	2009 NCAT Pavement Test Track	NCAT	
930-751	Techniques for Establishing Vegetation for Long-Term Erosion Control on Disturbed Slopes	AU	
930-749	Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program	Auburn	
930-748	FRP Strengthening of Continuous RC Bridge-Letohatchee, Alabama	Auburn	
930-745S	Bridge Deficiency Metric Refinement: Longer-Term Planning for State- and Locally- Owned Bridges	Alabama & UTCA	
930-742	Evaluation of Public Private Partnership Proposals	Alabama	
930-741	Evaluation of Thermal Segregation	NCAT	
930-737	Rapid Replacement of Bridge Decks - Phase IV: Structural Performance of I-59 Pilot Deck Systems	Auburn	
930-726	Feasibility Study Guidelines for Public Private Partnership Projects	Alabama	
930-722R	Work Zone Lane Closure Analysis Model	UTCA	
930-721	Plastic Pipe for Highway Construction	Auburn	
930-718	Warm Mix Asphalt Field Study	NCAT	
930-717	Refinement of the Bond Strength Procedure & Investigation of a Specification	NCAT	
930-715	Investigation of Recycled Asphalt Pavement and Recycled Shingle Pavement Characterization Procedure & Development of Specification for Recycled Asphalt Pavement	NCAT	
930-710	Traffic Analysis and Simulation	FHWA	
930-707P	LTAP 2007 Program	Auburn	
930-705	Development of Multimedia Resource and Short Courses for LRFD Design	UAH	
930-703	Improving Resilient Modulus (MR) Test Procedures for Unbound Materials	FHWA	
930-698	Establishing Performance Measures for Alabama's Transportation System	UAH	
930-697	Development of a Method to Forecast Freight Demand Arising from the Final Demand Sector and Examination of Federal Data to Analyze Transportation Demand for Local Area through Trips	UAH	
930-688S	Evaluation of High-Performance Drilled Shaft Concrete on the B.B. Comer Bridge	AU	
930-687	Determination of Hurricane Surge Wave Forces on Bridge Superstructures and Design/Retrofit Options To Mitigate or Sustain These Forces	Auburn	
930-683	Vegetation Management for Alabama's Highway Rights of Way	Auburn	
930-682	FAF2 Pilot Project-Utilization of FAF2 Data by State and Local Governmental Agencies	UAH	
930-678	2006 Local Technical Assistance Program (LTAP) Center, Alabama Technology Transfer Program	Auburn	
930-677	Development of Retrofit Options for Bridges Vulnerable to Coastal Storms	FHWA	
930-674	Stability of Highway Bridges Subject to Scour-Phase III	AU	
930-671	Location Tracking of Test Vehicles for Bridge Load Rating	UAB	
930-670	Feasibility of Developing a Pilot Car Training and Certification Program in Alabama	Alabama	
930-669	Aging Infrastructure Center to Excellence	Alabama	
930-668S	Axial Load Testing of Drilled Shaft Foundations	Auburn	
930-667P	Consortium of Accelerated Pavement Testing (CAPT) and Technical Exchange Partnership	FHWA	
930-662A	Bridge Health Monitoring Metrics: Updating the Bridge Deficiency Algorithm	Alabama	
930-661	One Coat Paint System for a Lifetime of Corrosion Protection on New Steel Bridges	ConnDOT	
930-657	PVA Fiber Reinforced Shotcrete for Rehab and Preventative Maintenance of Aging Culverts	UAB	
930-653	Evaluation of the Double Drop Beads Pavement Edge Lines	Alabama	
930-649	Updating the School Bus Standard Vehicle for Load Rating Alabama Bridges	Alabama	
930-648	Internet Based Surveys and Traffic Modeling	UAH	
930-647	GeoGIS Phase II	Alabama	
930-645	Evaluation of Cracking of the U.S. 331 Bridge Deck	AU	
930-	Lead State for Reducing Signalized Intersection Crashes		
642M		UA	
930-637P	An Evaluation of the Benefits of the Alabama Service and Assistance Patrol	Auburn	
930-615P	Implementation Pilot Study of Wireless Drive-By Network (WDBN) Sensing Technology for Highway Bridge Integrity Monitoring	UAB	
930-613	Development of Cost-Effective VARTM Technology for Repair and Hardening - Design Method and Specification for ALDOT Contractor - Phase I	UAB	
930-610	Monitoring of Bridge Stability due to Scour Using Remote Low Cost Optical Sensors	A&M	
930-607	Use of Self-Consolidating Concrete (SCC) in Prestressed Girders	Auburn	
930-601	ALDOT Pavement Management System Review	AU	