

**MTI Current Project List  
As of July 24, 2007**

Item Number	MoDOT Project Number	Project Title	Principal Investigator	Agency	MoDOT OPA	MoDOT Technical Liaison	Award Date	Current Completion Date	Contract Amount	Status/Notes
1	RI 07-026	Transportation Research and Innovation Library Support	Charles Nemmers	UMC	Dr. Ernie Perry	Rebecca Geyer	6/13/2007	6/1/2009	\$77,828	Notice to Proceed Received on June 13, 2007. Task Order signed by UMC on June 21, 2007.
2	RI 07-029	A Decision Support System for Optimal Depot and Fleet Management	Dr. Wooseung Jang	UMC	Bill Stone	Tim Chojnacki	5/30/2007	4/26/2008	\$ 48,500	Notice to Proceed received on May 30, 2007. Task Order signed by UMC on June 11, 2007
3	RI 07-005	Amphibian Conservation in Mitigation Wetlands	Dr. Raymond Semlitsch	UMC	Dr. Ernie Perry	Chris Shulse	4/9/2007	9/30/2007	\$32,250	Task Order Emailed to UMC on April 2, 2007. No cost time extension approved on May 2, 2007. New completion date Nov 15, 2007.
4	RI 06-036	Freight Optimization and Development in Missouri - Waterways and Ports	TranSystems	Private Sector	Dr. Ernie Perry	Brian Weiler	4/6/2007	12/31/2007	\$125,000	Notice to Proceed Received on March 30, 2007. Subcontract issued on June 13, 2007.
5	RI 06-043	Evaluation of MoDOT's Striping and Deliniation Program	Ingrid Potts	MRI	Bill Stone	Mike Curtit	4/2/2007	6/15/2008	\$50,000	Notice to Proceed Received on March 26, 2007. Task Order issued May 2, 2007.
6	RI 07-008	Pick-Up Truck Campaign/Survey	Dr. Lilliard Richardson	UMC	Bill Stone	Laura Holloway	3/30/2007	7/15/2007	\$35,000	Task Order Issued to UMC on 3/30/2007. Draft final report received on July 12, 2007.
7	RI 06-010B	Develop and Deliver <i>Engineering for Non-Engineers</i> Short Course	Charles Nemmers	UMC	Dr. Ernie Perry	Paul Imhoff	3/26/2007	6/7/2007	\$3,973	Courses taught on June 5, 7, and 13, 2007 in Jefferson City. Final report received on June 14, 2007.
8	RI 07-013	58th Annual Traffic and Safety Conference	Charles Nemmers	UMC	Bill Stone	Brian Chandler	3/26/2007	12/31/2007	\$28,000	Conference was held May 9-11, 2007 in Columbia, MO
9	RI 07-014	Synthesis Study: Effectiveness of Safety Corridor Programs	Charles Nemmers	UMC	Bill Stone	Brian Chandler	3/26/2007	2/28/2008	\$8,000	Task Order Issued to UMC 03/26/2007.
10	RI 07-006	Investigating Tractor Trailor - Passenger Vehicle Interactions	Dr. Carlos Sun	UMC	Bill Stone	Brian Chandler	3/26/2007	9/28/2007	\$25,000	Task Order Issued to UMC 03/26/2007.

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11	RI 07-001	Effective Trainers Training for Maintenance Personnel	Dr. Marilyn Martin	MSU	Dr. Ernie Perry	Sheila Barnett	3/19/2007	4/30/2007	\$12,400	Sub-Contract executed with MSU 03/23/2007.
12	RI 07-002	Remote Health Monitoring for Asset Management	Dr. Glenn Washer	UMC	Bill Stone	Jennifer Harper	3/1/2007	2/28/2008	\$ 14,920	Notice to Proceed received on May 7, 2007.
13	RI 06-044	Best Practices for Intelligent Transportation Systems	Dr. Vicki L Sauter	UMSL	Bill Stone	Troy Pinkerton	2/6/2007	7/1/2007	\$14,999	Final report received July 17, 2007.
14	RI 06-038	Development of Hand-Held Thermographic Inspection Technologies	Dr. Glenn Washer	UMC	Bill Stone	Jennifer Harper	1/17/2007	2/28/2009	\$241,533	Pooled-fund project. In Phase 1; Preliminary Study Development.
15	RI 06-026	Evaluation of Flashing Yellow Arrow (FYA) Phasing of Traffic Signals	Dr. Pei Wei Lin	UMKC	Bill Stone	Julie Stotlemeyer	1/9/2007	7/9/2007	\$25,000	No-cost extension approved June 1, 2007. New completion date September 28, 2007.
16	RI 06-045	Best Practices for Implementing a Biodiesel Program	Dr. Scott E. Grasman	UMR	Bill Stone	Jeannie Wilson	1/4/2007	10/1/2007	\$20,000	Kick-off meeting at MoDOT 02/20/07; final report due October 1, 2007.
17	RI 05-048A	Using Best Practices to Model Economic and Non-Economic Benefits of Transportation Research in Missouri	Michael Davis and Dr. Lillard Richardson	UMC and UMR	Dr. Ernie Perry		1/2/2007	12/31/2007	\$100,000	Task Order signed by UMC on Jan 9, 2007.
18	RI 06-007	Evaluation of Experimental Traffic Sign - Signal Photo Enforced	Dr. Sungyop Kim	UMKC	Bill Stone	Julie Stotlemeyer	12/15/2006	6/30/2008	\$30,000	Project awarded 12/15/2006. Interim reports due: Phase 1-June 15, 2007. Phase 2-August 15, 2007.
19	RI 06-037	Highway Capacity Manual (HCM) and Software (HCS) Training Workshop	Mark Virkler	UMC	Bill Stone		9/29/2006	2/15/2007	\$11,980	Workshop held January 8-10, 2007 in Jefferson City, Missouri.
20	RI 06-025	MoDOT Customer Satisfaction Survey - Percent of customers that feel completed projects were the right transportation solution	Dr. Lilliard Richardson	UMC	Bill Stone	Bob Brendel	9/18/2006	1/5/2007	\$45,000	Final report complete.

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21	RI 06-019	MoDOT Customer Satisfaction Tracking - FY07	Dr. Lance Gentry	UMR		Dr. Ernie Perry	7/27/2006	5/15/2007	\$197,208	Draft final report submitted to MoDOT on June 29, 2007.
22	RI 06-011B	Assessment of Dynamic Merge System (DMS), Phase II	Dr. Ghulam Bham and Dr. Carlos Sun	UMR UMC		Bill Stone N/A	6/7/2006	12/30/2006	\$34,995	Final Report Complete and accepted by MoDOT
23	RI 06-010	Develop and Deliver <i>Engineering for Non-Engineers</i> Short Course	Charles Nemmers	UMC		Dr. Ernie Perry Paul Imhoff	6/1/2006	5/31/2007	\$3,973	Courses delivered August 3 and 30, 2006.
24	RI 06-001	Resilient Moduli of Typical Missouri Soils and Unbound Granular Base Materials	Dr. Thomas Petry	UMR		Bill Stone John Donahue	4/1/2006	7/31/2007	\$100,004	Quarterly report submitted January 15, 2007. Time extension request forwarded to MoDOT on May 24, 2007 .
25	RI 05-056	Before & After Surveys of Various 2006 Highway Safety Media Campaigns	Dr. Lilliard Richardson	UMC		Bill Stone Jackie Rogers	2/1/2006	1/31/2007	\$153,000	Contract complete. All final rreports submitted to MoDOT in January 2007.
26	RI 05-023	Assessment of the Bill Emerson Memorial Bridge Based on Seismic Instrumentation Data	Dr. Genda Chen	UMR		Bill Stone Bryan Hartnagel	12/9/2005	12/8/2006	\$50,000	No-cost time extension requested on Dec 13, 2006. Draft final report submitted to MoDOT on July 1, 2007.
27	RI 05-052	Indirect Creep Compliance and Tensile Strength of Missouri Hot-Mix Asphalt HMA Wearing Courses	Dr. David Richardson	UMR		Bill Stone John Donahue	12/1/2005	12/1/2007	\$57,769	No-cost time extension approved until December 1, 2007. Original completion date 09/30/2006.
28	RI 05-036	Cause of Cracked Stringer on Blanchette Bridge	Dr. Nick Marianos	UMR		Bill Stone Ken Foster	11/30/2005	8/31/2006	\$70,000	Final report provided to MoDOT on October 5, 2006.
29	RI 03-056	Missouri Airport Investment Study	Wilbur-Smith	Consultant		Dr. Ernie Perry Ernest Perry	9/1/2005	5/1/2007	\$152,238	No-cost time extension approved on May 3, 2007. New completion date June 25, 2007.

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30	RI 05-053	Missouri Freight and Passenger Rail Capacity Analysis	Dr. James Noble	UMC	Dr. Ernie Perry	Rod Massman	5/1/2005	5/15/2007	\$99,222	Time extension and budget increase approved 01/02/07; completion date extended to 05/15/07. Original completion date 12/31/06.
31	RI 98-026D	Library Systems Development at the RDT Division, MoDOT	Dr. T. Kochtanek	UMC	Dr. Ernie Perry	Ernest Perry	11/30/2004	6/30/2007	\$58,749	New Task Order Executed for Librarian for FY 07 (July 1, 2006-June 30, 2007).
32	RI 03-007	Performance Evaluation of Precast Prestressed Concrete Pavements	Dr. Gopaiaratnam	UMC	Bill Stone	John Donahue	2/2/2004	5/31/2007	\$281,100	No-cost time extension approved on Dec 6, 2006. New completion date May 31, 2007. Original completion date 01/31/07.
33	RI 98-007D	Slope Stabilization Using Recycled Pins - Phase III	Dr. Loehr and Dr. Bowders	UMC	Bill Stone	Patty Lemongelli	11/12/2003	5/15/2006	\$280,179	Final report received.
34	RI 03-003	Southview Bridge Rehabilitation	Dr. Antonio Nanni	UMR	Bill Stone	Patty Lemongelli	7/14/2003	5/31/2006	\$15,000	Final report provided on August 8, 2006.
35	RI 02-022	Preservation of Missouri Transportation Infrastructure: Validations of FRP Composite Technology through Field Testing	Dr. Antonio Nanni	UMR	Bill Stone	Patty Lemongelli	4/3/2003	7/31/2008	\$1,179,458	Update received July 2006.
		COMPLETED AND FILED								