

Columbia
Area
Transportation
Study
Organization

Draft FY-2006
Transportation Improvement Program

July 26, 2005

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2006	FY 2007	FY 2008	IMPROVE- MENTS
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MODOT						
1. Route 763, J5U0675; R/W for widening, Route 63 to Big Bear Blvd.	MODOT Total	\$4,400,000 \$4,400,000	\$4,400,000 \$4,400,000		\$0 \$0	Acquisition of right-of-way for the widening to five lanes, Route 63 to Big Bear Blvd. - 2.9 miles
2. Rt.63 connector, J5D06006; Pavement and shoulder work	STP MODOT Total	\$0 \$208,000 \$208,000	\$208,000 \$208,000		\$0 \$0	Diamond grind pavement and fog seal shoulders on Route 63 connector, Rt.63 N to Rt. 63 S, 1.5 miles
3. Route 763, J5U0675B; Widen to 4 lanes with left turn lanes	STP MODOT Total	\$9,377,600 \$2,344,400 \$11,722,000		\$9,377,600 \$2,344,400 \$11,722,000		Widening to 4 lanes with left turn lanes from Big Bear Blvd. to north of Brown School Road - 2.0 miles
4. Route 740, J5D0600E; Pavement and shoulder work	STP MODOT Total	\$0 \$884,000 \$884,000	\$0 \$884,000 \$884,000		\$0 \$0	Diamond grind pavement and fog seal shoulders, from n/o I-70 to e/o Hwy.63 interchange - 6.2 miles
5. Route AC, J5D0500I; Pavement and shoulder work	STP MODOT Total	\$0 \$99,000 \$99,000		\$99,000 \$99,000		Diamond grind pavement and fog seal shoulders, from Bluff Creek to Route 63 interchange, .17 miles
6. I-70, 5I0845; Boone (& Cooper) Counties	STP MODOT Total	\$3,130,000 \$0 \$3,130,000	\$3,130,000 \$0 \$3,130,000		\$0 \$0	Installation of guard cable in median from Stadium Blvd. (Route 740) to Route K in Cooper County - with a small portion located in MPO area
7. I-70, J5I0880; Resurfacing eastbound lanes	STP MODOT Total	\$932,000 \$233,000 \$1,165,000		\$932,000 \$233,000 \$1,165,000		Resurfacing eastbound lanes from US 63 to Callaway Co. line, pavement width is 24', 7.6 miles
8. I-70, J5I0878; Resurfacing westbound lanes	STP MODOT Total	\$854,400 \$213,600 \$1,068,000		\$854,400 \$213,600 \$1,068,000		Resurfacing westbound lanes from Grindstone Creek to Route 740 24' pavement width, 7.5 miles
9. I-70, J5I0881; Resurfacing westbound lanes	STP MODOT Total	\$1,044,000 \$261,000 \$1,305,000	\$0 \$0 \$0	\$1,044,000 \$261,000 \$1,305,000		Resurfacing westbound lanes from Route 740 (Stadium Blvd.) to the Missouri River bridge, 9.5 miles

MODOT Summary					
	STP	\$15,338,000	\$3,130,000	\$12,208,000	\$0
	MODOT	\$8,643,000	\$5,591,000	\$3,052,000	\$0
	Total	\$23,981,000	\$8,721,000	\$15,260,000	\$0

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2004	IMPROVE- MENTS
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Note: The project below will be constructed during FY 2006 using funds budgeted in FY 2005

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2006	FY 2007	FY 2008	IMPROVE- MENTS
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Boone County Streets						
1. Boothe Lane South - Route J to terminus	1/2% S Tax	\$330,000	\$30,000	\$300,000		ROW, utility work, storm drainage improvements, and paving
	Total	\$330,000	\$30,000	\$300,000	\$0	
2. Boothe Lane North - Highway 40 to Westlakes	1/2% S Tax	\$385,000		\$35,000	\$350,000	ROW, utility work, storm drainage improvements, and paving
	Total	\$385,000	\$0	\$35,000	\$350,000	
3. Sunrise Estates Subdivision	1/2% S Tax	\$840,000	\$40,000	\$400,000	\$400,000	Design & storm drainage improvements
	Total	\$840,000	\$40,000	\$400,000	\$400,000	
4. Lake of the Woods Subdivision Phase II	1/2% S Tax	\$500,000	\$500,000			Design, pavement repair, storm drainage improvements
	Total	\$500,000	\$500,000	\$0	\$0	
5. Boone Industrial Park Phase I and II	1/2% S Tax	\$750,000	\$350,000	\$400,000		Design, pavement repair, storm drainage improvements
	Total	\$750,000	\$350,000	\$400,000	\$0	
6. Creasy Springs Road (Bear Creek to Obermiller)	1/2% S Tax	\$750,000	\$50,000	\$200,000	\$500,000	Design, ROW, Utility work, reconstruction and paving
	Total	\$750,000	\$50,000	\$200,000	\$500,000	
7. Rolling Hills Road - Route WW to New Haven Road	1/2% S Tax	\$1,400,000		\$300,000	\$1,100,000	ROW, utility work, reconstruction and paving of 1.5 miles
	Total	\$1,400,000	\$0	\$300,000	\$1,100,000	
8. McBaine bridge replacement (Burr Oak Road over Perche Creek)	1/2% S Tax	\$850,000	\$850,000			Construction of new bridge
	Total	\$850,000	\$850,000	\$0	\$0	

Boone County Streets Summary					
	1/2% S Tax	\$5,805,000	\$1,820,000	\$1,635,000	\$2,350,000
	Total	\$5,805,000	\$1,820,000	\$1,635,000	\$2,350,000

Note: Sources of projected funding are subject to appropriation by the respective governmental entities

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2006	FY 2007	FY 2008	IMPROVE- MENTS
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Aviation						
1. General Improvement	Transp S Tax Gen Fd/PI Total	\$150,000 \$0 \$150,000	\$50,000 \$50,000	\$50,000 \$50,000	\$50,000 \$50,000	Various annual improvements as needed
2. Taxiway Extension	Transp S Tax FAA Gr Total	\$4,820 \$43,380 \$48,200	\$0	\$0	\$4,820 \$43,380 \$48,200	Extend general aviation taxiway for future hangar development if such development occurs
3. Parking Lot for FBO Hangar	Transp S Tax Total	\$55,208 \$55,208	\$0	\$0	\$55,208 \$55,208	Construction of new parking lot at fixed base operator
4. Mill and Overlay General Aviation Apron and Taxiway A-4	Transp S Tax FAA Gr Total	\$37,500 \$712,500 \$750,000	\$37,500 \$712,500 \$750,000	\$0	\$0	Surface improvements and strengthening as needed to rehab deteriorated apron and taxiway
5. Tee Hangar Apron, Taxiway, Access Road to Runway 13-31	Transp S Tax FAA Gr Total	\$85,170 \$766,530 \$851,700	\$0	\$0	\$85,170 \$766,530 \$851,700	Support expanded general aviation operations and future hangar construction
6. Cargo Apron w / Taxiway	Transp S Tax FAA Gr Total	\$163,200 \$809,723 \$972,923	\$0	\$0	\$163,200 \$809,723 \$972,923	Construction of necessary ramp facilities for a new or relocated air cargo facility - the project is currently on hold
7. Land Purchase West side of Runway 2-20	Transp S Tax FAA Gr Total	\$15,000 \$285,000 \$300,000	\$15,000 \$285,000 \$300,000	\$0	\$0	Obtain land identified in Master Plan which encroaches on building restriction line, jeopardizing future flightline development
8. Terminal Building Renovation Study (Preliminary)	Transp S Tax FAA Gr Total	\$17,303 \$95,000 \$112,303	\$17,303 \$95,000 \$112,303	\$0	\$0	Hiring of a consultant to review various options for upgrading the passenger terminal building
9. Replace #598 - Snow Removal Spreader Truck	Transp S Tax FAA Gr Total	\$3,300 \$62,700 \$66,000	\$3,300 \$62,700 \$66,000	\$0	\$0	Replacement of one of the airport's snow removal vehicles
Aviation Summary	Transp S Tax	\$531,501	\$123,103	\$50,000	\$358,398	
	Gen Fd/PI	\$0	\$0	\$0	\$0	
	FAA Gr	\$2,774,833	\$1,155,200	\$0	\$1,619,633	
	Subtotal	\$3,306,334	\$1,278,303	\$50,000	\$1,978,031	
	Total	\$3,306,334	\$1,278,303	\$50,000	\$1,978,031	

Note: Sources of projected funding are subject to appropriation by the respective governmental entities
Projects listed are at Columbia Regional Airport

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2005	IMPROVE- MENTS
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Note: The project below will likely be contracted in FY 2006 using funding budgeted in FY 2005

Environmental Assessment	Transp S Tax	\$0				Hiring a consultant to prepare the
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TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2006	FY 2007	FY 2008	IMPROVE- MENTS
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Enhancements						
1. Hinkson Creek Trail, Grindstone Nature Area to Stephens Lake Park	STP Enh	\$342,000	\$342,000			Construction of trail connectors to provide links to Stephens Lake Park and Grindstone Nature Area from the existing Old 63 sidewalk *
	1/4 99 S Tax	\$228,000	\$228,000			
	Total	\$570,000	\$570,000	\$0	\$0	

Enhancements Summary					
	STP Enh	\$342,000	\$342,000	\$0	\$0
	MODOT	\$0	\$0	\$0	\$0
	1/4 96 S Tax	\$0	\$0	\$0	\$0
	Tax Bill	\$0	\$0	\$0	\$0
	1/4 99 S Tax	\$228,000	\$228,000	\$0	\$0
	Total	\$570,000	\$570,000	\$0	\$0

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 * STP Enh funding has been recommended by MoDOT District 5 review team, is subject to approval by District Engineer and MO Highway Commissi

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2005	IMPROVE- MENTS
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Note: The project below will be constructed in FY 2006 using funding budgeted in FY 2005

Business Loop 70 Sidewalks, Creasy Springs Road to Garth	Tax Bill	\$130,000	\$130,000			Construction of a sidewalk along the north side of a major arterial street (Bus. Loop 70), with a short section on Creasy Springs
	STP Enh	\$65,000	\$65,000			
	1/4 96 S Tax	\$100,000	\$100,000			
		\$0				
	Total	\$295,000	\$295,000	\$0	\$0	

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2006	FY 2007	FY 2008	IMPROVE- MENTS
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12. Five (5) farebox motherboards and upgraded systems	Ent Rev FTA Total	\$3,914 \$31,313 \$35,227	\$3,914 \$15,656 \$19,570	\$15,657 \$15,657	\$0	The five buses received from KC did not have fareboxes, Sec. 5309
13. Two (2) 40' NewFlyer transit buses w/GFI cardswipe fareboxes, digital video security systems, bus radio systems	Unfunded FTA Total	\$132,737 \$503,952 \$636,689	\$0	\$132,737 \$503,952 \$636,689	\$0	New equipment for the fixed route fleet, used in University operations Section 5309
14. Two (2) 40' NewFlyer transit buses w/GFI cardswipe fareboxes, digital video security systems, bus radio systems	Unfunded FTA Total	\$132,737 \$503,952 \$636,689	\$0	\$0	\$132,737 \$503,952 \$636,689	Replacement equipment for the fixed route fleet, #374, #375, Section 5309
15. Services for Independent Living (SIL); purchase of new mini-bus	SIL FTA Total	\$8,400 \$33,600 \$42,000	\$8,400 \$33,600	\$0	\$0	Purchase of 2006 lift-equipped 9-passenger vehicle, with space for 5 wheelchair users, Section 5310
16. OATS, Inc.; Purchase of service vehicle	OATS FTA Total	\$5,000 \$20,000 \$25,000	\$5,000 \$20,000	\$0	\$0	Purchase of service truck for use in vehicle maintenance, Section 5309
17. OATS, Inc.; Shop equipment purchase	OATS FTA Total	\$2,000 \$8,000 \$10,000	\$2,000 \$8,000	\$0	\$0	Includes garage door openers for service bays, scanner, exterior vacuum system, Section 5309
18. OATS, Inc.; Purchase of office to vehicle communication equipment	OATS FTA Total	\$44,000 \$176,000 \$220,000	\$44,000 \$176,000	\$0	\$0	Purchase of side walls for bus canopy, Section 5309
Transit Summary	Transp S Tax	\$4,800,000	\$1,600,000	\$1,600,000	\$1,600,000	
	Prior Year App	\$150,940	\$150,940	\$0	\$0	
	MODOT	\$305,030	\$105,030	\$100,000	\$100,000	
	SIL	\$8,400	\$8,400	\$0	\$0	
	OATS	\$51,000	\$51,000	\$0	\$0	
	Ent Rev	\$940,382	\$558,832	\$33,115	\$348,435	
	Unfunded	\$341,074	\$25,200	\$183,137	\$132,737	
	FTA Enh	\$436,805	\$436,805	\$0	\$0	
	FTA	\$8,228,914	\$3,647,422	\$1,804,666	\$2,776,826	
	Total	\$15,262,545	\$6,583,629	\$3,720,918	\$4,957,998	

Note: Sources of projected funding are subject to appropriation by the respective governmental entities

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2006	FY 2007	FY 2008	IMPROVE- MENTS
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Transit						
1. CT System; Maintenance of existing operations	Transp S Tax	\$4,800,000	\$1,600,000	\$1,600,000	\$1,600,000	FY 2006 operating assistance, FTA Section 5307
	MODOT	\$305,030	\$105,030	\$100,000	\$100,000	
	FTA	\$2,850,000	\$950,000	\$950,000	\$950,000	
	Total	\$7,955,030	\$2,655,030	\$2,650,000	\$2,650,000	
2. CT System; Replace six (6) paratransit vehicles, two in FY 06, four in FY 07	Prior Year App	\$0				Replacement of six vehicles of the paratransit fleet, FTA Section 5309
	Unfunded	\$75,600	\$25,200	\$50,400		
	FTA	\$302,400	\$100,800	\$201,600		
	Total	\$378,000	\$126,000	\$252,000	\$0	
3. CT System; Purchase and install 7 bus shelters and 8 benches, C47004	Prior Year App	\$0				Installation of amenities for passengers at various locations throughout the system, FTA Section 5309
	Unfunded	\$0				
	FTA	\$212,821	\$79,364	\$133,457		
	Ent Rev	\$52,955	\$19,840	\$33,115		
Total	\$265,776	\$99,204	\$166,572	\$0		
4. CT System; Wabash Station Renovation Project C47003	FTA Enh	\$436,805	\$436,805			Expansion and renovation of the existing Wabash Station property into a multi-modal facility, FTA Section 5309
	Ent Rev	\$482,293	\$482,293			
	FTA	\$1,985,264	\$1,985,264			
	Prior Year App	\$134,040	\$134,040			
	Transp S Tax	\$0	\$0			
	Total	\$3,038,402	\$3,038,402	\$0	\$0	
5. CT System; Self Lubricating Systems	Prior Year App	\$16,900	\$16,900			Purchase of self lubricating system to assure lubricant delivery to all vehicles, Section 5309
	FTA	\$67,600	\$67,600			
	Total	\$84,500	\$84,500	\$0	\$0	
6. CT System; five (5) 40' transit buses	Ent Rev	\$348,435			\$348,435	Vehicles to replace 1997 El Dorado transit buses at end of lifecycle, Section 5309
	FTA	\$1,322,874			\$1,322,874	
	Total	\$1,671,309	\$0	\$0	\$1,671,309	
7. Purchase one (1) 15 passenger van - support vehicle	Ent Rev	\$4,175	\$4,175			Vehicle for employee transport to assigned work areas, Section 5309
	FTA	\$16,698	\$16,698			
	Total	\$20,873	\$20,873	\$0	\$0	
8. Seventeen (17) GFI Farebox upgrades to allow swipe cards C47018	Ent Rev	\$3,800	\$3,800			Will allow customer to buy pre-paid swipe cards, negating need for cash, FTA Section 5309
	FTA	\$15,200	\$15,200			
	Total	\$19,000	\$19,000	\$0	\$0	
9. Seventeen (17) farebox Motherboards and upgraded systems.	Ent Rev	\$27,810	\$27,810			Update the aging motherboards, obtain Windows based operating system, and allows card programing FTA Section 5309
	FTA	\$111,240	\$111,240			
	Total	\$139,050	\$139,050	\$0	\$0	
10. Purchase and install five (5) Video Surveillance Camera systems	Ent Rev	\$6,000	\$6,000			The five buses received from Kansas City are lacking any video surveillance systems. FTA Section 5309
	FTA	\$24,000	\$24,000			
	Total	\$30,000	\$30,000	\$0	\$0	
11. Purchase and install five (5) Basic GFI Fareboxes with cardswipe capability.	Ent Rev	\$11,000	\$11,000			The five buses received from Kansas City did not have fareboxes of any kind. FTA Section 5309
	FTA	\$44,000	\$44,000			
	Total	\$55,000	\$55,000	\$0	\$0	

Note: Sources of projected funding are subject to appropriation by the respective governmental entities

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2006	FY 2007	FY 2008	IMPROVE- MENTS
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City Streets Summary	Unfunded	\$911,500	\$0	\$911,500	\$0
	Tax Bill	\$204,000	\$0	\$204,000	\$0
	Future Ballot Issue	\$20,915,000	\$400,000	\$20,515,000	\$0
	Co rd tax reb	\$0	\$0	\$0	\$0
	Transp S Tax	\$26,500	\$26,500	\$0	\$0
	STP	\$0	\$0	\$0	\$0
	Dev contrib	\$0	\$0	\$0	\$0
	1/4 96 S Tax	\$0	\$0	\$0	\$0
	PYA GF/PI	\$0	\$0	\$0	\$0
	PYA 1/4 96 ST	\$4,000	\$4,000	\$0	\$0
	PYA Co rd tax	\$0	\$0	\$0	\$0
Total	\$22,061,000	\$430,500	\$21,630,500	\$0	

TRANSPORTATION IMPROVEMENT PROGRAM	FUND	TOTAL	FY 2004	IMPROVE- MENTS
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Note: The projects below will be constructed in FY 2006 using funding budgeted in FY 2005

	Tax Bill	\$0				
	STP	\$0				
	PYA Co rd tax	\$0				
	Co rd tax reb	\$0				
	Total	\$0	\$0	\$0	\$0	

TRANSPORTATION IMPROVEMENT PROGRAM						IMPROVEMENTS
	FUND	TOTAL	FY 2006	FY 2007	FY 2008	

Columbia Streets						
1. Business Loop 70 Sidewalk; West Blvd. to Sexton Road, south side	Tax Bill	\$0				Construction of a sidewalk along a major arterial street in a commercial area
	Transp S Tax	\$26,500	\$26,500			
	Total	\$26,500	\$26,500	\$0	\$0	
2. Broadway sidewalks; McBaine to West Blvd., north side	Tax Bill	\$0				Replacement/construction of a sidewalk on the major east-west arterial
	Unfunded	\$135,500		\$135,500		
	Total	\$135,500	\$0	\$135,500	\$0	
3. Garth/Business Loop 70 Pedestrian improvements	PYA 1/4 96 ST	\$1,000	\$1,000			Crosswalk enhancement and improvement
	Total	\$1,000	\$1,000	\$0	\$0	
4. Jefferson Commons ped crossing	PYA 1/4 96 ST	\$3,000	\$3,000			Provided a pedestrian crossing on a minor arterial
	Total	\$3,000	\$3,000	\$0	\$0	
5. Broadway and 5th Intersection improvements	Unfunded	\$355,000		\$355,000		Addition of landscape planters and pedestrian improvements
	Total	\$355,000	\$0	\$355,000	\$0	
6. Bus. Loop 70 Sidewalk; Candlelight Lodge to Cosmo	Tax Bill	\$56,000		\$56,000		Sidewalk construction along a major arterial street
	Unfunded	\$56,000		\$56,000		
	Total	\$112,000	\$0	\$112,000	\$0	
7. Fairview Road Sidewalk; school to north of Rollins	Unfunded	\$219,000		\$219,000		Additional sidewalk construction on a major collector street near an elementary school
	Dev charge	\$0				
	Total	\$219,000	\$0	\$219,000	\$0	
8. Texas Avenue Sidewalk; north side, Garth to Providence	Tax Bill	\$62,000		\$62,000		Sidewalk construction along a neighborhood collector
	Unfunded	\$62,000		\$62,000		
	Total	\$124,000	\$0	\$124,000	\$0	
9. Scott Blvd (Route TT); Rollins Road to Brookview Terrace	Tax Bill	\$86,000		\$86,000		Reconstruction of an existing major arterial street providing north-south access in western Columbia
	Future Ballot Issue			\$10,415,000		
	Total	\$10,501,000	\$0	\$10,501,000	\$0	
10. Traffic islands; Stadium & Broadway	Unfunded	\$84,000		\$84,000		Landscaping and modification of islands
	Total	\$84,000	\$0	\$84,000	\$0	
11. Brown School Road; Route 763 to Creasy Springs (NW loop)	Future Ballot Issue	\$6,800,000		\$6,800,000		Reconstruction of an existing major arterial street to improved standards
	Co rd tax reb	\$0				
	Total	\$6,800,000	\$0	\$6,800,000	\$0	
12. Providence Road; Vandiver to Blue Ridge	Future Ballot Issue	\$400,000		\$400,000		Extension of an existing major arterial street
	Total	\$400,000	\$0	\$400,000	\$0	
13. Vandiver Drive, Intersection ramps east to Mexico Gravel Road	Future Ballot Issue	\$3,300,000	\$400,000	\$2,900,000		Construction/extension of an existing major arterial street
	Co rd tax reb	\$0				
	Total	\$3,300,000	\$400,000	\$2,900,000	\$0	

Note: Sources of projected funding are subject to appropriation by the respective governmental entities

TRANSPORTATION IMPROVEMENT PROGRAM					IMPROVEMENTS
	FUND	TOTAL	FY 2005		

Note: The projects below will be constructed in FY 2006 using funding budgeted in FY 2005

Southampton; Nifong south to existing pavement @ State Farm	Tax Bill	\$47,500	\$47,500			Extension of a new major collector street to connect to the existing eastern terminus of Southampton
	STP	\$694,000	\$694,000			
	PYA Co rd tax	\$538,500	\$538,500			
	Dev Charge	\$700,000	\$700,000			
	Total	\$1,980,000	\$1,980,000	\$0	\$0	

TRANSPORTATION IMPROVEMENT PROGRAM	FUND TOTAL	FY 2006	FY 2007	FY 2008	IMPROVE- MENTS
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Rail\Highway Crossings						
1. 5T0008, Rogers Street Crossing (DOT#480 808N); Warning devices	STP	\$117,000	\$117,000			Installation of active warning devices, funding from Highway Rail Safety, Project No. RRP.000S (191)
	MoDOT	\$6,500	\$6,500			
	Railroad	\$6,500	\$6,500			
	Total	\$130,000	\$130,000	\$0	\$0	

Rail\Highway Summary					
	STP	\$117,000	\$117,000	\$0	\$0
	MODOT	\$6,500	\$6,500	\$0	\$0
	Railroad	\$6,500	\$6,500	\$0	\$0
	Total	\$130,000	\$130,000	\$0	\$0