



Missouri Economic Impact Brief

Missouri Route 364 - Phase III TIGER Grant Application

Statewide Impact of 9-Mile Freeway Connecting Route 94 to I-64

The *Missouri Route 364* project's goal is to provide a 21-mile freeway or connector between I-64 and I-270. Total investment for the 21-mile project is estimated at nearly \$695 million. Construction on this project has been ongoing since 2000.

Phase III, a 9-mile construction of a freeway between Route 94 and I-64, will complete the Missouri Route 364 project. Total investment for this section of new road is estimated at \$140 million in right of way, engineering, and construction costs. The average annual number of jobs created from the construction phase is 423 and an additional 287 jobs are created in the operations phase on average annually thru 2030.

Statewide Impact of 9-Mile Freeway - Construction and Production Cost Savings

Over the next 21 years, every dollar of project investment returns (benefit-cost ratio):

0.06 : 1.00 in new net general revenues totaling \$8.9 million

1.95 : 1.00 in new personal income totaling \$278.2 million

3.37 : 1.00 in new value-added (GSP) totaling \$480.2 million

5.60 : 1.00 in new economic activity (output) totaling \$797.6 million

On average each year, the project creates:

306 new jobs annually paying an average wage of \$30,625 per job

\$ 0.43 million in new net general revenues annually

\$13.25 million in new personal income annually

\$22.87 million in new value-added to the economy annually

\$37.98 million annually in new economic activity



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Statewide Impact of Missouri Route 364 Project Phase III User Benefits

The *Missouri Route 364* project's goal is to provide a 21-mile freeway or connector between I-64 and I-270. Total investment for the 21-mile project is estimated at nearly \$695 million. Construction on this project has been ongoing since 2000, an additional three years (2010-2012) is estimated to complete the project.

The Phase III project is estimated to produce user benefits in the form of travel time savings (\$145.2 million annually by 2030) and crash cost reductions (\$2.4 million annually by 2030). Vehicle operation costs are estimated to increase as the highway usage increases (\$4.8 million annually by 2030). Overall positive user benefits attract people and jobs to the state. The increase in population also includes children, students, and retirees which can increase the need for government services such as higher education, social assistance, health care and public utilities. The user benefits study shows both the increased need for services and the substantial economic gains to the region.

Statewide Impact of Route 364 Project - Phase III User Benefits 2010-2030

Over the next 21 years, every dollar of project investment returns (benefit-cost ratio):

-0.06 : 1.00 in net loss to general revenues totaling (\$7.9) million

0.58 : 1.00 in new personal income totaling \$82.9 million

0.69 : 1.00 in new value-added (GSP) totaling \$98.5 million

0.87 : 1.00 in new economic activity (output) totaling \$124.0 million

On average each year, the project creates:

67 new jobs annually paying an average wage of \$20,650 per job

-\$ 0.44 million in lost net general revenues annually

\$ 4.61 million in new personal income annually

\$ 5.47 million in new value-added to the economy annually

\$ 6.89 million annually in new economic activity



ECONOMIC IMPACT ANALYSIS FOR MISSOURI

Date Completed 26-Aug-09
 Requested by John Greifzu MoDOT

Route 364: 9-Mile Statewide Impact Statewide

21-YEAR BENEFIT-COST IMPACT		
	Benefit Ratio	21-Year Sum
NET GENERAL REVENUE	0.06 : 1.00	\$8.928 million
PERSONAL INCOME	1.95 : 1.00	\$278.194 million
VALUE-ADDED / GSP	3.37 : 1.00	\$480.193 million
ECONOMIC OUTPUT	5.60 : 1.00	\$797.627 million

ANNUAL AVERAGE ECONOMIC IMPACT		
306 new JOBS each year paying an avg wage of		\$30,625
\$0.425 million new NET GENERAL REVENUES each year		
\$13.247 million new PERSONAL INCOME each year		
\$22.866 million new VALUE-ADDED / GSP each year		
\$37.982 million new ECONOMIC OUTPUT each year		

ANNUAL ECONOMIC IMPACTS (2009\$)	1-YEAR	Construction Period				Operations Period						
		2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
Employment	0	357	830	81	120	159	195	227	254	278	298	315
Population	0	52	178	167	177	190	208	229	251	273	297	320
Wage and Salary Income	\$0	\$13,691,642	\$34,018,796	\$4,454,228	\$3,965,706	\$4,444,920	\$5,140,259	\$5,854,063	\$6,573,650	\$7,210,871	\$7,880,105	\$8,413,177
Total Personal Income	\$0	\$15,130,821	\$38,034,377	\$6,483,664	\$5,782,983	\$6,493,027	\$7,354,086	\$8,304,876	\$9,335,410	\$10,349,797	\$11,239,188	\$12,189,414
Value-Added/Gross State Product	\$0	\$25,377,993	\$59,884,846	\$6,202,574	\$7,671,130	\$9,984,015	\$12,292,089	\$14,577,311	\$16,778,341	\$18,835,041	\$20,518,889	\$22,238,819
Total Economic Output	\$0	\$42,541,213	\$103,027,434	\$9,910,647	\$12,147,760	\$16,044,665	\$20,266,312	\$24,115,107	\$27,819,572	\$31,235,378	\$34,206,167	\$37,104,790

ANNUAL FISCAL IMPACTS (2009\$)	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
General Expenditures	\$0	\$199,731	\$324,998	(\$295,617)	(\$267,827)	(\$260,360)	(\$265,270)	(\$278,230)	(\$301,784)	(\$332,378)	(\$369,298)	(\$409,554)
Net General Revenue	\$0	\$946,572	\$1,987,778	(\$117,388)	\$160,620	\$230,177	\$292,286	\$344,203	\$384,970	\$412,287	\$428,027	\$437,972
Project Investment	\$0	(\$53,100,000)	(\$81,600,000)	(\$5,300,000)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)

CUMULATIVE BENEFIT-COST (2009\$)	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
Cumulative General Revenues	\$0	\$946,572	\$2,934,350	\$2,816,962	\$2,977,582	\$3,207,759	\$3,500,045	\$3,844,248	\$4,229,218	\$4,641,505	\$5,069,532	\$5,507,504
General Revenue Benefit Ratio	N/A	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04
Cumulative Total Personal Income	\$0	\$15,130,821	\$53,165,198	\$59,648,862	\$65,431,845	\$71,924,871	\$79,278,958	\$87,583,834	\$96,919,244	\$107,269,041	\$118,508,229	\$130,697,644
Personal Income Benefit Ratio	N/A	0.28	0.39	0.43	0.47	0.51	0.56	0.62	0.69	0.76	0.84	0.93
Cumulative Gross State Product	\$0	\$25,377,993	\$85,262,839	\$91,465,413	\$99,136,543	\$109,120,558	\$121,412,647	\$135,989,959	\$152,768,300	\$171,603,341	\$192,122,230	\$214,361,049
Gross State Product Benefit Ratio	N/A	0.48	0.63	0.65	0.71	0.78	0.86	0.97	1.09	1.22	1.36	1.52
Cumulative Output	\$0	\$42,541,213	\$145,568,648	\$155,479,295	\$167,627,055	\$183,671,719	\$203,938,031	\$228,053,138	\$255,872,710	\$287,108,088	\$321,314,255	\$358,419,045
Output Benefit Ratio	N/A	0.80	1.08	1.11	1.20	1.31	1.45	1.62	1.82	2.04	2.28	2.54
Cumulative State Incentives (PV)	\$0	\$53,100,000	\$134,700,000	\$140,000,000	\$140,140,400	\$140,280,800	\$140,421,200	\$140,561,600	\$140,702,000	\$140,842,400	\$140,982,800	\$141,123,200

ASSUMPTIONS

Engineering costs of \$12 million. Gain of \$12 million in Professional Technical Services industry in CY 2010-2012 applied to St. Charles region.
 Right of Ways costs of \$23 million. Gain of \$1.38 million in Real Estate industry in CY 2010, assuming a 6% real estate transaction fee.
 Construction costs of \$105 million. Gain of \$105 million in Construction industry in CY 2010-2012.
 Production Cost Impact: Average business production costs savings of 0.07% per year in CY 2013-2030. Cost savings derived from FHWA production cost factors scaled to current time period, industry mix, type of project, regional output and transportation costs.
 Project Investment/Costs: MoDOT costs of \$140 million in CY 2010-2012 in Project Build Period. Annual Maintenance costs of \$140,400 in the operations period.
 Impacts occur in the Missouri Region. Assumptions provided by St. Charles County, Department of Transportation. Estimated using REMI-9.5-Regional Model (remi-fiscal-9.5-jun08).



ECONOMIC IMPACT ANALYSIS FOR MISSOURI

Route 364: 9-Mile Statewide Impact Statewide

ANNUAL ECONOMIC IMPACTS (2009\$)	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
Employment	328	341	347	348	346	341	334	323	313	301	0	0	0
Population	345	365	384	399	413	422	428	432	431	429	0	0	0
Wage and Salary Income	\$8,928,202	\$9,410,951	\$9,673,887	\$9,865,176	\$9,918,924	\$9,891,239	\$9,766,912	\$9,584,160	\$9,326,511	\$9,030,642	\$0	\$0	\$0
Total Personal Income	\$12,997,519	\$13,722,446	\$14,419,842	\$14,876,171	\$15,126,185	\$15,250,417	\$15,383,388	\$15,405,455	\$15,276,735	\$15,038,501	\$0	\$0	\$0
Value-Added/Gross State Product	\$23,898,612	\$25,257,718	\$26,388,301	\$26,905,483	\$27,350,500	\$27,530,913	\$27,566,995	\$27,350,500	\$27,049,813	\$26,532,631	\$0	\$0	\$0
Total Economic Output	\$39,642,590	\$41,987,949	\$43,599,632	\$44,706,161	\$45,295,507	\$45,584,167	\$45,367,672	\$45,151,178	\$44,345,336	\$43,527,467	\$0	\$0	\$0
ANNUAL FISCAL IMPACTS (2009\$)	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
General Revenues	\$893,203	\$937,424	\$959,151	\$971,443	\$978,336	\$975,166	\$965,729	\$953,344	\$934,121	\$909,196	\$0	\$0	\$0
General Expenditures	(\$451,754)	(\$492,452)	(\$535,148)	(\$573,534)	(\$608,639)	(\$639,059)	(\$663,824)	(\$683,755)	(\$699,672)	(\$708,747)	\$0	\$0	\$0
Net General Revenue	\$441,448	\$444,971	\$424,003	\$397,909	\$369,697	\$336,107	\$301,905	\$269,589	\$234,449	\$200,449	\$0	\$0	\$0
Project Investment	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	\$0	\$0	\$0
CUMULATIVE BENEFIT-COST (2009\$)	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
Cumulative Net General Revenues	\$5,948,952	\$6,393,923	\$6,817,926	\$7,215,835	\$7,585,532	\$7,921,639	\$8,223,544	\$8,493,133	\$8,727,583	\$8,928,032	\$8,928,032	\$8,928,032	\$8,928,032
Cumulative General Revenues	\$5,948,952	\$6,393,923	\$6,817,926	\$7,215,835	\$7,585,532	\$7,921,639	\$8,223,544	\$8,493,133	\$8,727,583	\$8,928,032	\$8,928,032	\$8,928,032	\$8,928,032
Net General Revenue Benefit Ratio	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Cumulative Total Personal Income	\$143,695,163	\$157,417,609	\$171,837,450	\$186,713,622	\$201,839,807	\$217,090,224	\$232,473,612	\$247,879,067	\$263,155,803	\$278,194,304	\$278,194,304	\$278,194,304	\$278,194,304
Personal Income Benefit Ratio	1.02	1.11	1.21	1.32	1.42	1.53	1.64	1.74	1.85	1.95	1.95	1.95	1.95
Cumulative Gross State Product	\$238,259,661	\$263,517,379	\$289,905,681	\$316,811,164	\$344,161,664	\$371,692,577	\$399,259,572	\$426,610,072	\$453,659,885	\$480,192,517	\$480,192,517	\$480,192,517	\$480,192,517
Gross State Product Benefit Ratio	1.69	1.86	2.05	2.24	2.43	2.62	2.81	3.00	3.19	3.37	3.37	3.37	3.37
Cumulative Output	\$398,061,635	\$440,049,584	\$483,649,216	\$528,355,377	\$573,650,884	\$619,235,051	\$664,602,724	\$709,753,901	\$754,099,237	\$797,626,705	\$797,626,705	\$797,626,705	\$797,626,705
Output Benefit Ratio	2.82	3.11	3.42	3.73	4.04	4.36	4.68	4.99	5.30	5.60	5.60	5.60	5.60
Cumulative State Incentives (Cost Factor)	\$141,263,600	\$141,404,000	\$141,544,400	\$141,684,800	\$141,825,200	\$141,965,600	\$142,106,000	\$142,246,400	\$142,386,800	\$142,527,200	\$142,527,200	\$142,527,200	\$142,527,200



Route 364: 9-Mile Statewide Impact

ANNUAL FISCAL IMPACTS (2009\$)

	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
State General Revenues												
Individual Income Tax	\$0	\$418,551	\$1,024,618	\$117,224	\$251,301	\$281,701	\$315,300	\$347,619	\$379,939	\$408,418	\$433,804	\$457,697
Corporate Income Tax	\$0	\$154,898	\$189,054	\$10,663	\$33,663	\$45,908	\$57,396	\$67,785	\$77,364	\$85,769	\$93,299	\$100,083
Direct Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Sales & Use Tax	\$0	\$136,519	\$356,992	\$38,023	\$118,165	\$135,432	\$154,982	\$174,423	\$193,971	\$212,326	\$229,595	\$246,429
Other Tax	\$0	\$12,992	\$32,298	\$4,322	\$9,224	\$10,090	\$11,125	\$12,170	\$13,248	\$14,240	\$15,146	\$16,032
Other Charges & Revenues	\$0	\$23,882	\$59,817	\$7,997	\$16,092	\$17,406	\$18,753	\$20,435	\$22,233	\$23,912	\$25,480	\$27,285
Other Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenues	\$0	\$746,842	\$1,662,780	\$178,229	\$428,446	\$490,537	\$557,556	\$622,433	\$686,755	\$744,665	\$797,325	\$847,526
State General Expenditures												
Education	\$0	(\$33,855)	(\$119,038)	(\$112,104)	(\$120,531)	(\$132,264)	(\$146,450)	(\$161,917)	(\$178,983)	(\$197,009)	(\$215,782)	(\$234,768)
Social Services	\$0	\$259,195	\$534,069	(\$98,718)	(\$56,116)	(\$28,074)	(\$8,030)	\$6,163	\$12,597	\$13,653	\$9,729	\$2,805
Health & Mental Health	\$0	(\$7,324)	(\$25,749)	(\$24,255)	(\$26,079)	(\$28,607)	(\$31,679)	(\$35,029)	(\$38,719)	(\$42,623)	(\$46,687)	(\$50,794)
Transportation	\$0	(\$115)	(\$405)	(\$381)	(\$410)	(\$450)	(\$498)	(\$551)	(\$609)	(\$670)	(\$734)	(\$799)
Public Safety & Corrections	\$0	(\$7,552)	(\$26,552)	(\$25,002)	(\$26,886)	(\$29,496)	(\$32,676)	(\$36,117)	(\$39,935)	(\$43,946)	(\$48,148)	(\$52,372)
Natural Resources & Conservation	\$0	(\$128)	(\$449)	(\$423)	(\$455)	(\$499)	(\$552)	(\$611)	(\$675)	(\$743)	(\$814)	(\$885)
Administration & Other Departments	\$0	(\$9,706)	(\$34,122)	(\$32,138)	(\$34,559)	(\$37,909)	(\$41,994)	(\$46,420)	(\$51,316)	(\$56,479)	(\$61,865)	(\$67,305)
Debt Interest	\$0	(\$784)	(\$2,756)	(\$2,595)	(\$2,790)	(\$3,061)	(\$3,391)	(\$3,749)	(\$4,144)	(\$4,561)	(\$4,996)	(\$5,436)
Other Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Expenditures	\$0	\$199,731	\$324,998	(\$295,617)	(\$267,827)	(\$260,360)	(\$265,270)	(\$278,230)	(\$301,784)	(\$332,378)	(\$369,298)	(\$409,554)
State Incentives	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net State General Revenues	\$0	\$946,572	\$1,987,778	(\$117,388)	\$160,620	\$230,177	\$292,286	\$344,203	\$384,970	\$412,287	\$428,027	\$437,972



Route 364: 9-Mile Statewide Impact

ANNUAL FISCAL IMPACTS (2009\$)

	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
State General Revenues													
Individual Income Tax	\$479,243	\$499,403	\$507,509	\$510,069	\$510,496	\$505,269	\$496,843	\$487,776	\$474,870	\$459,190	\$0	\$0	\$0
Corporate Income Tax	\$106,440	\$112,318	\$115,731	\$117,971	\$118,931	\$118,824	\$117,864	\$116,264	\$113,918	\$110,931	\$0	\$0	\$0
Direct Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Sales & Use Tax	\$262,069	\$278,035	\$286,941	\$293,783	\$298,670	\$300,950	\$301,167	\$299,865	\$296,716	\$291,502	\$0	\$0	\$0
Other Tax	\$16,842	\$17,642	\$18,005	\$18,208	\$18,346	\$18,304	\$18,144	\$17,973	\$17,653	\$17,237	\$0	\$0	\$0
Other Charges & Revenues	\$28,607	\$30,026	\$30,965	\$31,413	\$31,893	\$31,818	\$31,711	\$31,466	\$30,965	\$30,335	\$0	\$0	\$0
Other Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenues	\$893,203	\$937,424	\$959,151	\$971,443	\$978,336	\$975,166	\$965,729	\$953,344	\$934,121	\$909,196	\$0	\$0	\$0
State General Expenditures													
Higher Education	(\$253,541)	(\$271,248)	(\$287,461)	(\$300,687)	(\$311,673)	(\$320,420)	(\$326,286)	(\$330,340)	(\$332,580)	(\$332,153)	\$0	\$0	\$0
Social Services	(\$6,376)	(\$15,989)	(\$30,250)	(\$45,396)	(\$61,193)	(\$76,244)	(\$90,718)	(\$103,486)	(\$115,518)	(\$125,331)	\$0	\$0	\$0
Health & Mental Health	(\$54,858)	(\$58,687)	(\$62,185)	(\$65,044)	(\$67,423)	(\$69,321)	(\$70,591)	(\$71,476)	(\$71,945)	(\$71,860)	\$0	\$0	\$0
Transportation	(\$863)	(\$923)	(\$978)	(\$1,023)	(\$1,060)	(\$1,090)	(\$1,110)	(\$1,124)	(\$1,132)	(\$1,131)	\$0	\$0	\$0
Public Safety & Corrections	(\$56,575)	(\$60,521)	(\$64,127)	(\$67,081)	(\$69,535)	(\$71,486)	(\$72,788)	(\$73,705)	(\$74,196)	(\$74,100)	\$0	\$0	\$0
Natural Resources & Conservation	(\$956)	(\$1,023)	(\$1,084)	(\$1,134)	(\$1,175)	(\$1,209)	(\$1,231)	(\$1,246)	(\$1,254)	(\$1,252)	\$0	\$0	\$0
Administration & Other Departments	(\$72,713)	(\$77,780)	(\$82,409)	(\$86,206)	(\$89,363)	(\$91,870)	(\$93,545)	(\$94,729)	(\$95,347)	(\$95,230)	\$0	\$0	\$0
Debt Interest	(\$5,872)	(\$6,281)	(\$6,655)	(\$6,962)	(\$7,216)	(\$7,419)	(\$7,555)	(\$7,650)	(\$7,700)	(\$7,691)	\$0	\$0	\$0
Other Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Expenditures	(\$451,754)	(\$492,452)	(\$535,148)	(\$573,534)	(\$608,639)	(\$639,059)	(\$663,824)	(\$683,755)	(\$699,672)	(\$708,747)	\$0	\$0	\$0
State Incentives	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net State General Revenues	\$441,448	\$444,971	\$424,003	\$397,909	\$369,697	\$336,107	\$301,905	\$269,589	\$234,449	\$200,449	\$0	\$0	\$0



Route 364: 9-Mile Statewide Impact

ANNUAL INDUSTRY IMPACTS (2009\$)

Employment	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
Farm	0	0	0	0	0	0	0	0	0	0	0	0
State & Local Government	0	3	10	10	10	11	12	13	15	16	17	18
Federal Civilian Government	0	0	0	0	0	0	0	0	0	0	0	0
Federal Military Government	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry, & Fishing	0	0	0	0	1	2	3	3	4	4	4	5
Mining	0	0	0	(0)	0	0	0	0	0	0	0	0
Utilities	0	0	1	0	0	0	0	1	1	1	1	1
Construction	0	140	398	37	17	20	23	26	28	30	32	33
Manufacturing	0	5	12	(0)	4	8	11	13	16	17	19	20
Wholesale Trade	0	4	11	1	3	5	6	7	8	9	10	10
Retail Trade	0	32	83	9	19	24	28	32	35	38	40	41
Transportation & Warehousing	0	2	5	0	1	1	1	2	2	2	2	3
Information	0	2	5	0	1	2	2	2	3	3	3	4
Finance & Insurance	0	7	16	0	5	7	10	12	13	15	16	17
Real Estate, Rental, & Leasing	0	17	23	2	12	18	23	28	32	35	38	40
Professional & Technical Services	0	78	114	7	5	8	10	12	14	16	18	19
Management of Companies & Enterprises	0	1	3	(0)	0	1	1	1	2	2	2	2
Administrative & Waste Remed Services	0	18	39	4	7	10	12	14	16	18	19	21
Educational Services	0	3	8	0	2	3	4	5	6	7	7	8
Health Care & Social Assistance	0	14	34	5	12	15	18	20	23	25	27	29
Arts, Entertainment, & Recreation	0	4	9	1	2	3	4	5	5	6	6	7
Accommodation & Food Services	0	15	36	3	11	14	16	18	20	21	22	24
Other Services	0	10	24	2	6	8	10	11	12	13	14	15
Total	0	357	830	81	120	159	195	227	254	278	297	314

Labor & Proprietor Income	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
Farm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State & Local Government	\$0	\$118,732	\$413,681	\$392,863	\$419,941	\$452,967	\$502,451	\$551,264	\$607,174	\$662,177	\$717,597	\$780,836
Federal Civilian Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Military Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Agriculture, Forestry, & Fishing	\$0	\$4,781	\$10,276	\$1,735	\$28,829	\$50,726	\$69,939	\$86,455	\$100,961	\$113,613	\$124,827	\$134,843
Mining	\$0	\$9,564	\$26,812	\$7,543	\$5,593	\$5,156	\$5,560	\$5,994	\$6,654	\$7,187	\$7,837	\$8,320
Utilities	\$0	\$41,960	\$104,273	\$28,848	\$34,315	\$37,360	\$42,419	\$47,351	\$52,540	\$57,203	\$61,558	\$65,351
Construction	\$0	\$8,913,181	\$25,570,921	\$2,567,971	\$1,041,280	\$1,079,670	\$1,178,174	\$1,298,931	\$1,423,877	\$1,546,400	\$1,648,256	\$1,732,262
Manufacturing	\$0	\$556,417	\$1,421,554	\$253,749	\$433,746	\$604,456	\$785,852	\$962,578	\$1,122,895	\$1,268,841	\$1,398,760	\$1,505,842
Wholesale Trade	\$0	\$427,475	\$1,101,444	\$203,498	\$267,629	\$325,843	\$385,498	\$444,865	\$499,928	\$550,991	\$597,522	\$636,688
Retail Trade	\$0	\$998,673	\$2,663,164	\$414,016	\$641,100	\$745,970	\$854,263	\$960,888	\$1,055,092	\$1,146,651	\$1,225,301	\$1,298,808
Transportation & Warehousing	\$0	\$173,382	\$457,909	\$96,068	\$96,368	\$110,262	\$130,169	\$148,316	\$169,509	\$185,228	\$200,943	\$215,176
Information	\$0	\$217,044	\$526,098	\$118,515	\$112,339	\$112,822	\$121,877	\$136,569	\$152,228	\$169,044	\$183,518	\$201,141
Finance & Insurance	\$0	\$540,664	\$1,285,176	\$166,456	\$265,914	\$344,382	\$423,417	\$504,529	\$578,812	\$646,721	\$706,984	\$758,737
Real Estate, Rental, & Leasing	\$0	\$397,135	\$615,975	\$98,839	\$192,285	\$250,010	\$308,536	\$363,904	\$416,000	\$461,897	\$503,031	\$540,537
Professional & Technical Services	\$0	\$3,993,720	\$6,231,728	\$547,957	\$373,471	\$426,041	\$500,810	\$580,251	\$660,838	\$745,444	\$824,524	\$901,800
Management of Companies & Enterprises	\$0	\$167,353	\$418,227	\$70,471	\$85,188	\$101,876	\$123,605	\$145,105	\$167,938	\$189,112	\$204,666	\$221,844
Administrative & Waste Remed Services	\$0	\$668,634	\$1,481,219	\$216,245	\$238,754	\$280,820	\$330,303	\$382,834	\$434,522	\$482,289	\$524,971	\$564,962
Educational Services	\$0	\$161,810	\$406,862	\$62,989	\$101,150	\$117,854	\$140,448	\$164,374	\$190,016	\$214,117	\$237,219	\$259,219
Health Care & Social Assistance	\$0	\$686,235	\$1,809,853	\$493,364	\$666,004	\$734,140	\$820,489	\$916,942	\$1,022,017	\$1,131,276	\$1,230,054	\$1,331,376
Arts, Entertainment, & Recreation	\$0	\$148,585	\$352,026	\$52,856	\$72,502	\$79,558	\$90,782	\$102,174	\$115,101	\$127,532	\$138,450	\$149,033
Accommodation & Food Services	\$0	\$324,107	\$790,710	\$117,129	\$230,634	\$258,485	\$292,816	\$327,986	\$361,179	\$394,328	\$423,747	\$451,055
Other Services	\$0	\$344,041	\$859,372	\$143,548	\$225,039	\$253,453	\$290,397	\$327,226	\$364,321	\$397,403	\$432,063	\$459,972
Total	\$0	\$18,893,496	\$46,547,278	\$6,054,659	\$5,532,082	\$6,371,854	\$7,397,808	\$8,458,536	\$9,501,601	\$10,497,454	\$11,391,827	\$12,217,802



Route 364: 9-Mile Statewide Impact

ANNUAL INDUSTRY IMPACTS (2009\$)

Employment	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
Farm	0	0	0	0	0	0	0	0	0	0	0	0	0
State & Local Government	20	21	22	23	24	24	24	25	25	24	0	0	0
Federal Civilian Government	0	0	0	0	0	0	0	0	0	0	0	0	0
Federal Military Government	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry, & Fishing	5	5	5	5	5	5	5	5	5	5	0	0	0
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	1	1	1	1	1	1	1	1	1	1	0	0	0
Construction	34	34	33	32	31	29	27	25	22	20	0	0	0
Manufacturing	21	22	22	23	22	22	22	21	20	19	0	0	0
Wholesale Trade	10	11	11	11	11	11	10	10	9	9	0	0	0
Retail Trade	43	44	44	44	43	42	41	39	38	36	0	0	0
Transportation & Warehousing	3	3	3	3	3	3	3	3	3	2	0	0	0
Information	4	4	4	4	4	4	4	4	4	4	0	0	0
Finance & Insurance	17	18	18	18	18	17	17	16	16	15	0	0	0
Real Estate, Rental, & Leasing	42	43	44	44	44	43	42	40	39	37	0	0	0
Professional & Technical Services	20	21	22	22	23	23	22	22	22	21	0	0	0
Management of Companies & Enterprises	2	2	2	2	2	2	2	2	2	2	0	0	0
Administrative & Waste Remed Services	22	23	23	23	23	23	22	22	21	20	0	0	0
Educational Services	8	9	9	9	10	10	9	9	9	9	0	0	0
Health Care & Social Assistance	30	32	33	34	34	34	34	34	34	33	0	0	0
Arts, Entertainment, & Recreation	7	7	7	8	7	7	7	7	7	6	0	0	0
Accommodation & Food Services	24	25	25	25	25	25	24	23	22	21	0	0	0
Other Services	15	16	16	16	16	16	16	15	15	14	0	0	0
Total	329	341	347	348	346	341	333	323	313	301	0	0	0

Labor & Proprietor Income	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
Farm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State & Local Government	\$841,195	\$904,670	\$955,014	\$995,071	\$1,038,660	\$1,063,633	\$1,085,138	\$1,092,804	\$1,106,601	\$1,105,421	\$0	\$0	\$0
Federal Civilian Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Military Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Agriculture, Forestry, & Fishing	\$144,096	\$152,389	\$158,393	\$162,234	\$164,524	\$165,082	\$164,344	\$162,446	\$159,635	\$155,978	\$0	\$0	\$0
Mining	\$8,511	\$8,772	\$8,415	\$8,497	\$7,825	\$7,335	\$6,544	\$5,783	\$5,203	\$4,345	\$0	\$0	\$0
Utilities	\$68,966	\$72,136	\$74,101	\$74,915	\$74,689	\$74,782	\$73,235	\$71,127	\$69,195	\$66,363	\$0	\$0	\$0
Construction	\$1,797,029	\$1,848,739	\$1,851,796	\$1,821,921	\$1,757,625	\$1,669,958	\$1,567,794	\$1,451,391	\$1,331,900	\$1,202,200	\$0	\$0	\$0
Manufacturing	\$1,607,228	\$1,698,580	\$1,752,073	\$1,783,430	\$1,797,412	\$1,786,165	\$1,757,241	\$1,722,789	\$1,674,664	\$1,620,739	\$0	\$0	\$0
Wholesale Trade	\$672,652	\$706,788	\$724,704	\$735,611	\$735,020	\$730,735	\$718,963	\$702,751	\$684,244	\$659,231	\$0	\$0	\$0
Retail Trade	\$1,359,729	\$1,416,103	\$1,439,800	\$1,446,275	\$1,439,326	\$1,425,241	\$1,397,090	\$1,356,336	\$1,311,360	\$1,258,760	\$0	\$0	\$0
Transportation & Warehousing	\$225,179	\$236,761	\$240,864	\$241,996	\$240,330	\$234,669	\$227,270	\$220,069	\$211,820	\$202,545	\$0	\$0	\$0
Information	\$214,322	\$228,955	\$237,443	\$243,350	\$248,287	\$249,024	\$245,143	\$242,554	\$237,495	\$232,522	\$0	\$0	\$0
Finance & Insurance	\$804,753	\$848,175	\$873,489	\$886,725	\$887,887	\$886,589	\$870,922	\$851,561	\$831,234	\$804,400	\$0	\$0	\$0
Real Estate, Rental, & Leasing	\$573,424	\$603,312	\$621,997	\$631,186	\$633,387	\$630,729	\$621,494	\$607,958	\$590,722	\$571,187	\$0	\$0	\$0
Professional & Technical Services	\$973,296	\$1,037,732	\$1,089,677	\$1,122,663	\$1,146,156	\$1,161,383	\$1,164,800	\$1,160,326	\$1,145,755	\$1,121,760	\$0	\$0	\$0
Management of Companies & Enterprises	\$235,276	\$245,309	\$250,618	\$253,544	\$250,940	\$248,340	\$245,813	\$236,916	\$230,756	\$219,953	\$0	\$0	\$0
Administrative & Waste Remed Services	\$603,109	\$638,770	\$661,595	\$675,023	\$684,971	\$684,936	\$678,128	\$670,629	\$654,075	\$636,607	\$0	\$0	\$0
Educational Services	\$280,525	\$301,284	\$314,820	\$324,966	\$333,516	\$335,701	\$337,056	\$336,363	\$334,869	\$330,244	\$0	\$0	\$0
Health Care & Social Assistance	\$1,428,057	\$1,522,404	\$1,607,947	\$1,658,690	\$1,701,783	\$1,734,214	\$1,751,885	\$1,765,400	\$1,760,676	\$1,757,110	\$0	\$0	\$0
Arts, Entertainment, & Recreation	\$159,280	\$168,000	\$173,533	\$176,418	\$178,764	\$177,318	\$175,590	\$172,869	\$169,585	\$164,525	\$0	\$0	\$0
Accommodation & Food Services	\$472,754	\$495,525	\$504,658	\$510,509	\$509,907	\$504,542	\$496,044	\$483,862	\$469,535	\$453,669	\$0	\$0	\$0
Other Services	\$487,255	\$511,135	\$524,093	\$532,249	\$534,547	\$531,953	\$524,762	\$515,132	\$503,169	\$488,421	\$0	\$0	\$0
Total	\$12,956,636	\$13,645,538	\$14,065,031	\$14,285,273	\$14,365,555	\$14,302,328	\$14,109,255	\$13,829,065	\$13,482,493	\$13,055,979	\$0	\$0	\$0



ECONOMIC IMPACT ANALYSIS FOR MISSOURI

Date Completed 27-Aug-09
 Requested by John Greifzu MoDOT

Route 364: User Benefits Statewide Impact Statewide

21-YEAR BENEFIT-COST IMPACT		
	Benefit Ratio	21-Year Sum
NET GENERAL REVENUE	-0.06 : 1.00	(\$7.887) million
PERSONAL INCOME	0.58 : 1.00	\$82.907 million
VALUE-ADDED / GSP	0.69 : 1.00	\$98.477 million
ECONOMIC OUTPUT	0.87 : 1.00	\$123.954 million

ANNUAL AVERAGE ECONOMIC IMPACT		
67 new JOBS each year paying an avg wage of		\$20,650
(\$0.438) million new NET GENERAL REVENUES each year		
\$4.606 million new PERSONAL INCOME each year		
\$5.471 million new VALUE-ADDED / GSP each year		
\$6.886 million new ECONOMIC OUTPUT each year		

ANNUAL ECONOMIC IMPACTS (2009\$)	Construction Period				Operations Period							
	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
Employment	0	0	0	0	0	0	45	47	51	56	61	67
Population	0	0	0	0	0	0	274	285	295	307	319	330
Wage and Salary Income	\$0	\$0	\$0	\$0	\$0	\$0	\$1,185,948	\$954,127	\$883,102	\$925,736	\$990,854	\$1,159,235
Total Personal Income	\$0	\$0	\$0	\$0	\$0	\$0	\$3,690,000	\$3,507,198	\$3,558,040	\$3,753,926	\$3,939,656	\$4,353,916
Value-Added/Gross State Product	\$0	\$0	\$0	\$0	\$0	\$0	\$3,266,665	\$3,303,950	\$3,780,238	\$4,073,709	\$4,624,568	\$5,138,141
Total Economic Output	\$0	\$0	\$0	\$0	\$0	\$0	\$3,560,135	\$3,597,421	\$4,110,994	\$4,735,221	\$5,506,183	\$6,350,512

ANNUAL FISCAL IMPACTS (2009\$)	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
General Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$111,362	\$100,716	\$113,899	\$127,535	\$138,853	\$158,618
General Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	(\$508,283)	(\$534,077)	(\$559,834)	(\$585,462)	(\$607,086)	(\$633,222)
Net General Revenue	\$0	\$0	\$0	\$0	\$0	\$0	(\$396,921)	(\$433,361)	(\$445,936)	(\$457,927)	(\$468,233)	(\$474,604)
Project Investment	\$0	(\$53,100,000)	(\$81,600,000)	(\$5,300,000)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)

CUMULATIVE BENEFIT-COST (2009\$)	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
Cumulative Net General Revenues	\$0	\$0	\$0	\$0	\$0	\$0	(\$396,921)	(\$830,282)	(\$1,276,218)	(\$1,734,145)	(\$2,202,378)	(\$2,676,983)
Cumulative General Revenues	\$0	\$0	\$0	\$0	\$0	\$0	(\$396,921)	(\$830,282)	(\$1,276,218)	(\$1,734,145)	(\$2,202,378)	(\$2,676,983)
General Revenue Benefit Ratio	N/A	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.02	-0.02
Cumulative Total Personal Income	\$0	\$0	\$0	\$0	\$0	\$0	\$3,690,000	\$7,197,198	\$10,755,238	\$14,509,163	\$18,448,819	\$22,802,736
Personal Income Benefit Ratio	N/A	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.08	0.10	0.13	0.16
Cumulative Gross State Product	\$0	\$0	\$0	\$0	\$0	\$0	\$3,266,665	\$6,570,615	\$10,350,853	\$14,424,562	\$19,049,130	\$24,187,272
Gross State Product Benefit Ratio	N/A	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.07	0.10	0.14	0.17
Cumulative Output	\$0	\$0	\$0	\$0	\$0	\$0	\$3,560,135	\$7,157,556	\$11,268,550	\$16,003,771	\$21,509,954	\$27,860,466
Output Benefit Ratio	N/A	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.08	0.11	0.15	0.20
Cumulative State Incentives (PV)	\$0	\$53,100,000	\$134,700,000	\$140,000,000	\$140,140,400	\$140,280,800	\$140,421,200	\$140,561,600	\$140,702,000	\$140,842,400	\$140,982,800	\$141,123,200

ASSUMPTIONS

Engineering costs of \$12 million. Gain of \$12 million in Professional Technical Services industry in CY 2010-2012 applied to St. Charles region.
 Right of Ways costs of \$23 million. Gain of \$1.38 million in Real Estate industry in CY 2010, assuming a 6% real estate transaction fee.
 Construction costs of \$105 million. Gain of \$105 million in Construction industry in CY 2010-2012.
 User Benefits: Travel Time Savings of \$48,247,839 in 2015 and \$145,251,229 in 2030; Vehicle Operating Costs of \$4,009,985 in 2015 and \$4,802,121 in 2030; Crash Cost Savings of \$2,616,646 in 2015 and \$2,410,209 in 2030.
 Project Investment/Costs: MoDOT costs of \$140 million in CY 2010-2012 in Project Build Period. Annual Maintenance costs of \$140,400 in operations period.
 Impacts occur in Missouri Region. Assumptions provided by St. Charles County, Department of Transportation. Estimated using REMI-9.5-Regional Model (remi-fiscal-9.5-jun08).





ECONOMIC IMPACT ANALYSIS FOR MISSOURI

Route 364: User Benefits Statewide Impact Statewide

ANNUAL ECONOMIC IMPACTS (2009\$)	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
Employment	72	76	81	84	87	89	92	95	96	98	0	0	0
Population	342	352	361	370	378	386	391	396	400	403	0	0	0
Wage and Salary Income	\$1,251,163	\$1,417,590	\$1,543,891	\$1,685,776	\$1,842,784	\$1,961,159	\$2,043,085	\$2,220,352	\$2,272,254	\$2,416,341	\$0	\$0	\$0
Total Personal Income	\$4,634,162	\$4,967,882	\$5,197,985	\$5,590,504	\$5,922,038	\$6,195,866	\$6,455,935	\$6,758,734	\$7,015,744	\$7,365,283	\$0	\$0	\$0
Value-Added/Gross State Product	\$5,652,918	\$6,239,859	\$6,570,615	\$6,973,536	\$7,304,291	\$7,744,497	\$7,964,600	\$8,295,356	\$8,588,827	\$8,955,665	\$0	\$0	\$0
Total Economic Output	\$7,046,903	\$7,708,415	\$8,295,356	\$8,882,297	\$9,470,441	\$9,984,015	\$10,424,221	\$11,011,162	\$11,378,001	\$11,892,777	\$0	\$0	\$0
ANNUAL FISCAL IMPACTS (2009\$)	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
General Revenues	\$169,018	\$181,901	\$191,890	\$203,508	\$212,079	\$212,908	\$221,745	\$230,187	\$238,456	\$246,639	\$0	\$0	\$0
General Expenditures	(\$656,625)	(\$675,151)	(\$694,122)	(\$714,870)	(\$732,599)	(\$744,861)	(\$757,571)	(\$770,938)	(\$780,728)	(\$790,548)	\$0	\$0	\$0
Net General Revenue	(\$487,607)	(\$493,250)	(\$502,233)	(\$511,362)	(\$520,520)	(\$531,953)	(\$535,826)	(\$540,751)	(\$542,272)	(\$543,909)	\$0	\$0	\$0
Project Investment	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	(\$140,400)	\$0	\$0	\$0
CUMULATIVE BENEFIT-COST (2009\$)	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
Cumulative Net General Revenues	(\$3,164,590)	(\$3,657,840)	(\$4,160,073)	(\$4,671,435)	(\$5,191,955)	(\$5,723,908)	(\$6,259,734)	(\$6,800,485)	(\$7,342,757)	(\$7,886,666)	(\$7,886,666)	(\$7,886,666)	(\$7,886,666)
Cumulative General Revenues	(\$3,164,590)	(\$3,657,840)	(\$4,160,073)	(\$4,671,435)	(\$5,191,955)	(\$5,723,908)	(\$6,259,734)	(\$6,800,485)	(\$7,342,757)	(\$7,886,666)	(\$7,886,666)	(\$7,886,666)	(\$7,886,666)
Net General Revenue Benefit Ratio	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
Cumulative Total Personal Income	\$27,436,898	\$32,404,780	\$37,602,765	\$43,193,269	\$49,115,307	\$55,311,173	\$61,767,108	\$68,525,842	\$75,541,587	\$82,906,870	\$82,906,870	\$82,906,870	\$82,906,870
Personal Income Benefit Ratio	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.11	0.11
Cumulative Gross State Product	\$29,840,190	\$36,080,049	\$42,650,664	\$49,624,199	\$56,928,491	\$64,672,988	\$72,637,589	\$80,932,945	\$89,521,772	\$98,477,437	\$98,477,437	\$98,477,437	\$98,477,437
Gross State Product Benefit Ratio	0.04	0.05	0.06	0.07	0.07	0.08	0.10	0.11	0.12	0.13	0.13	0.13	0.13
Cumulative Output	\$34,907,369	\$42,615,784	\$50,911,140	\$59,793,438	\$69,263,879	\$79,247,894	\$89,672,115	\$100,683,277	\$112,061,278	\$123,954,055	\$123,954,055	\$123,954,055	\$123,954,055
Output Benefit Ratio	0.05	0.06	0.07	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.16	0.16	0.16
Cumulative State Incentives (Cost Factor)	\$761,705,600	\$761,846,000	\$761,986,400	\$762,126,800	\$762,267,200	\$762,407,600	\$762,548,000	\$762,688,400	\$762,828,800	\$762,969,200	\$762,969,200	\$762,969,200	\$762,969,200



Route 364: User Benefits Statewide Impact

ANNUAL FISCAL IMPACTS (2009\$)

	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
State General Revenues												
Individual Income Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$75,593	\$66,473	\$72,574	\$80,638	\$86,452	\$98,846
Corporate Income Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$3,940	\$3,512	\$4,586	\$5,721	\$6,640	\$7,854
Direct Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Sales & Use Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$24,741	\$24,133	\$29,519	\$33,234	\$37,274	\$42,422
Other Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$3,488	\$3,247	\$3,553	\$3,908	\$4,177	\$4,673
Other Charges & Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$3,600	\$3,351	\$3,666	\$4,033	\$4,310	\$4,823
Other Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$111,362	\$100,716	\$113,899	\$127,535	\$138,853	\$158,618
State General Expenditures												
Education	\$0	\$0	\$0	\$0	\$0	\$0	(\$192,956)	(\$202,449)	(\$213,009)	(\$223,782)	(\$233,062)	(\$244,048)
Social Services	\$0	\$0	\$0	\$0	\$0	\$0	(\$169,383)	(\$178,450)	(\$185,703)	(\$192,423)	(\$197,756)	(\$204,582)
Health & Mental Health	\$0	\$0	\$0	\$0	\$0	\$0	(\$41,738)	(\$43,807)	(\$46,079)	(\$48,404)	(\$50,410)	(\$52,788)
Transportation	\$0	\$0	\$0	\$0	\$0	\$0	(\$656)	(\$689)	(\$725)	(\$761)	(\$793)	(\$830)
Public Safety & Corrections	\$0	\$0	\$0	\$0	\$0	\$0	(\$43,039)	(\$45,172)	(\$47,519)	(\$49,919)	(\$51,978)	(\$54,442)
Natural Resources & Conservation	\$0	\$0	\$0	\$0	\$0	\$0	(\$728)	(\$764)	(\$803)	(\$844)	(\$879)	(\$920)
Administration & Other Departments	\$0	\$0	\$0	\$0	\$0	\$0	(\$55,316)	(\$58,057)	(\$61,065)	(\$64,148)	(\$66,815)	(\$69,961)
Debt Interest	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,467)	(\$4,689)	(\$4,931)	(\$5,181)	(\$5,395)	(\$5,650)
Other Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	(\$508,283)	(\$534,077)	(\$559,834)	(\$585,462)	(\$607,086)	(\$633,222)
State Incentives	\$0	\$0	\$0	\$0	\$0	\$0						
Net State General Revenues	\$0	\$0	\$0	\$0	\$0	\$0	(\$396,921)	(\$433,361)	(\$445,936)	(\$457,927)	(\$468,233)	(\$474,604)



Route 364: User Benefits Statewide Impact

ANNUAL FISCAL IMPACTS (2009\$)

13-YEARS 14-YEARS 15-YEARS 16-YEARS 17-YEARS 18-YEARS 19-YEARS 20-YEARS 21-YEARS 22-YEARS 23-YEARS 24-YEARS 25-YEARS

State General Revenues

Individual Income Tax	\$104,990	\$113,384	\$119,251	\$127,144	\$132,797	\$133,544	\$139,090	\$144,424	\$150,610	\$155,837	\$0	\$0	\$0
Corporate Income Tax	\$8,567	\$9,416	\$10,186	\$10,816	\$11,210	\$11,285	\$11,786	\$12,128	\$12,309	\$13,301	\$0	\$0	\$0
Direct Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Sales & Use Tax	\$45,409	\$48,341	\$51,176	\$53,619	\$55,650	\$55,531	\$57,801	\$60,070	\$61,417	\$62,905	\$0	\$0	\$0
Other Tax	\$4,947	\$5,295	\$5,550	\$5,871	\$6,113	\$6,175	\$6,431	\$6,676	\$6,948	\$7,183	\$0	\$0	\$0
Other Charges & Revenues	\$5,105	\$5,464	\$5,727	\$6,059	\$6,308	\$6,373	\$6,637	\$6,889	\$7,171	\$7,413	\$0	\$0	\$0
Other Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenues	\$169,018	\$181,901	\$191,890	\$203,508	\$212,079	\$212,908	\$221,745	\$230,187	\$238,456	\$246,639	\$0	\$0	\$0

State General Expenditures

Higher Education	(\$254,181)	(\$262,608)	(\$270,928)	(\$279,781)	(\$287,567)	(\$293,007)	(\$298,874)	(\$304,954)	(\$309,434)	(\$314,233)	\$0	\$0	\$0
Social Services	(\$210,129)	(\$213,862)	(\$218,235)	(\$223,462)	(\$227,515)	(\$230,182)	(\$232,635)	(\$235,302)	(\$237,222)	(\$238,608)	\$0	\$0	\$0
Health & Mental Health	(\$54,996)	(\$56,820)	(\$58,612)	(\$60,521)	(\$62,207)	(\$63,391)	(\$64,649)	(\$65,972)	(\$66,943)	(\$67,977)	\$0	\$0	\$0
Transportation	(\$865)	(\$894)	(\$922)	(\$952)	(\$978)	(\$997)	(\$1,017)	(\$1,038)	(\$1,053)	(\$1,069)	\$0	\$0	\$0
Public Safety & Corrections	(\$56,713)	(\$58,591)	(\$60,447)	(\$62,409)	(\$64,148)	(\$65,375)	(\$66,665)	(\$68,031)	(\$69,033)	(\$70,100)	\$0	\$0	\$0
Natural Resources & Conservation	(\$959)	(\$991)	(\$1,022)	(\$1,055)	(\$1,085)	(\$1,105)	(\$1,127)	(\$1,150)	(\$1,167)	(\$1,185)	\$0	\$0	\$0
Administration & Other Departments	(\$72,894)	(\$75,305)	(\$77,684)	(\$80,212)	(\$82,441)	(\$84,020)	(\$85,684)	(\$87,433)	(\$88,713)	(\$90,099)	\$0	\$0	\$0
Debt Interest	(\$5,887)	(\$6,081)	(\$6,273)	(\$6,478)	(\$6,658)	(\$6,785)	(\$6,919)	(\$7,060)	(\$7,165)	(\$7,276)	\$0	\$0	\$0
Other Expenditures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Expenditures	(\$656,625)	(\$675,151)	(\$694,122)	(\$714,870)	(\$732,599)	(\$744,861)	(\$757,571)	(\$770,938)	(\$780,728)	(\$790,548)	\$0	\$0	\$0

State Incentives	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Net State General Revenues	(\$487,607)	(\$493,250)	(\$502,233)	(\$511,362)	(\$520,520)	(\$531,953)	(\$535,826)	(\$540,751)	(\$542,272)	(\$543,909)	\$0	\$0	\$0
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Route 364: User Benefits Statewide Impact

ANNUAL INDUSTRY IMPACTS (2009\$)

Employment	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
Farm	0	0	0	0	0	0	0	0	0	0	0	0
State & Local Government	0	0	0	0	0	0	18	19	19	20	21	22
Federal Civilian Government	0	0	0	0	0	0	0	0	0	0	0	0
Federal Military Government	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry, & Fishing	0	0	0	0	0	0	(0)	0	0	0	0	0
Mining	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	4	5	5	5	5	6
Manufacturing	0	0	0	0	0	0	0	1	1	1	1	2
Wholesale Trade	0	0	0	0	0	0	1	1	1	1	1	2
Retail Trade	0	0	0	0	0	0	13	12	13	13	14	14
Transportation & Warehousing	0	0	0	0	0	0	0	0	(0)	(0)	(0)	(0)
Information	0	0	0	0	0	0	0	0	0	0	0	1
Finance & Insurance	0	0	0	0	0	0	1	1	1	2	2	2
Real Estate, Rental, & Leasing	0	0	0	0	0	0	(0)	(0)	(0)	0	0	1
Professional & Technical Services	0	0	0	0	0	0	1	1	1	2	2	2
Management of Companies & Enterprises	0	0	0	0	0	0	0	0	0	0	0	1
Administrative & Waste Remed Services	0	0	0	0	0	0	2	2	2	3	3	3
Educational Services	0	0	0	0	0	0	(0)	(0)	(0)	0	0	0
Health Care & Social Assistance	0	0	0	0	0	0	2	2	3	4	5	6
Arts, Entertainment, & Recreation	0	0	0	0	0	0	(0)	(0)	(0)	(0)	0	0
Accommodation & Food Services	0	0	0	0	0	0	(2)	(2)	(1)	(1)	(0)	0
Other Services	0	0	0	0	0	0	4	4	5	5	5	6
Total	0	0	0	0	0	0	46	47	51	56	61	68

Labor & Proprietor Income	1-YEAR	2-YEARS	3-YEARS	4-YEARS	5-YEARS	6-YEARS	7-YEARS	8-YEARS	9-YEARS	10-YEARS	11-YEARS	12-YEARS
Farm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State & Local Government	\$0	\$0	\$0	\$0	\$0	\$0	\$949,277	\$994,692	\$1,050,130	\$1,100,526	\$1,152,433	\$1,204,209
Federal Civilian Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Military Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Agriculture, Forestry, & Fishing	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,622)	(\$2,720)	(\$3,203)	(\$3,666)	(\$3,682)	(\$3,697)
Mining	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,111)	(\$3,980)	(\$5,224)	(\$5,836)	(\$6,610)	(\$6,748)
Utilities	\$0	\$0	\$0	\$0	\$0	\$0	\$10,711	\$8,460	\$7,688	\$8,006	\$8,784	\$10,724
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$196,074	\$190,234	\$179,762	\$177,460	\$175,281	\$201,141
Manufacturing	\$0	\$0	\$0	\$0	\$0	\$0	(\$52,724)	(\$106,399)	(\$130,894)	(\$142,016)	(\$142,015)	(\$130,113)
Wholesale Trade	\$0	\$0	\$0	\$0	\$0	\$0	\$37,893	\$12,896	\$6,308	\$1,543	\$6,798	\$14,050
Retail Trade	\$0	\$0	\$0	\$0	\$0	\$0	\$350,947	\$306,267	\$293,375	\$291,720	\$302,167	\$320,941
Transportation & Warehousing	\$0	\$0	\$0	\$0	\$0	\$0	(\$25,533)	(\$66,087)	(\$94,594)	(\$114,989)	(\$129,183)	(\$136,782)
Information	\$0	\$0	\$0	\$0	\$0	\$0	(\$824)	(\$16,928)	(\$23,657)	(\$26,235)	(\$25,678)	(\$23,665)
Finance & Insurance	\$0	\$0	\$0	\$0	\$0	\$0	\$25,533	\$0	(\$4,731)	\$4,630	\$16,617	\$35,498
Real Estate, Rental, & Leasing	\$0	\$0	\$0	\$0	\$0	\$0	(\$12,360)	(\$29,418)	(\$34,696)	(\$35,112)	(\$33,995)	(\$30,318)
Professional & Technical Services	\$0	\$0	\$0	\$0	\$0	\$0	\$21,421	(\$17,730)	(\$36,275)	(\$46,303)	(\$39,278)	(\$31,055)
Management of Companies & Enterprises	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,118)	(\$20,147)	(\$26,807)	(\$30,095)	(\$29,456)	(\$23,665)
Administrative & Waste Remed Services	\$0	\$0	\$0	\$0	\$0	\$0	\$44,484	\$28,210	\$22,078	\$23,152	\$24,173	\$28,101
Educational Services	\$0	\$0	\$0	\$0	\$0	\$0	(\$26,362)	(\$39,086)	(\$43,766)	(\$45,146)	(\$44,569)	(\$41,415)
Health Care & Social Assistance	\$0	\$0	\$0	\$0	\$0	\$0	\$97,173	\$45,137	\$45,734	\$58,652	\$84,591	\$133,138
Arts, Entertainment, & Recreation	\$0	\$0	\$0	\$0	\$0	\$0	(\$15,237)	(\$23,976)	(\$26,807)	(\$28,363)	(\$27,191)	(\$24,774)
Accommodation & Food Services	\$0	\$0	\$0	\$0	\$0	\$0	(\$51,895)	(\$72,536)	(\$76,883)	(\$77,943)	(\$74,025)	(\$66,553)
Other Services	\$0	\$0	\$0	\$0	\$0	\$0	\$116,176	\$98,709	\$94,594	\$95,730	\$101,224	\$110,961
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$1,656,903	\$1,285,597	\$1,192,132	\$1,205,716	\$1,316,386	\$1,539,976



Route 364: User Benefits Statewide Impact

ANNUAL INDUSTRY IMPACTS (2009\$)

Employment	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
Farm	0	0	0	0	0	0	0	0	0	0	0	0	0
State & Local Government	22	23	24	24	25	25	25	26	26	26	0	0	0
Federal Civilian Government	0	0	0	0	0	0	0	0	0	0	0	0	0
Federal Military Government	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture, Forestry, & Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0
Mining	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	6	6	6	7	7	7	7	7	7	7	0	0	0
Manufacturing	2	2	3	3	3	3	4	4	4	4	0	0	0
Wholesale Trade	2	2	2	2	2	2	2	2	2	2	0	0	0
Retail Trade	15	15	15	15	16	16	16	16	16	16	0	0	0
Transportation & Warehousing	(0)	(0)	(0)	(0)	(0)	(0)	0	0	0	0	0	0	0
Information	1	1	1	1	1	1	1	1	1	1	0	0	0
Finance & Insurance	3	3	3	3	4	4	4	4	4	4	0	0	0
Real Estate, Rental, & Leasing	1	1	1	1	1	1	2	2	2	2	0	0	0
Professional & Technical Services	2	3	3	3	3	3	4	4	4	4	0	0	0
Management of Companies & Enterprises	1	1	1	1	1	1	1	1	1	1	0	0	0
Administrative & Waste Remed Services	4	4	4	4	5	5	5	5	5	5	0	0	0
Educational Services	0	1	1	1	1	1	1	1	1	1	0	0	0
Health Care & Social Assistance	7	8	9	9	10	11	11	12	12	13	0	0	0
Arts, Entertainment, & Recreation	0	0	1	1	1	1	1	1	1	1	0	0	0
Accommodation & Food Services	1	1	1	2	2	2	2	3	3	3	0	0	0
Other Services	6	6	7	7	7	7	7	8	8	8	0	0	0
Total	72	76	80	84	87	90	92	95	96	99	0	0	0

Labor & Proprietor Income	13-YEARS	14-YEARS	15-YEARS	16-YEARS	17-YEARS	18-YEARS	19-YEARS	20-YEARS	21-YEARS	22-YEARS	23-YEARS	24-YEARS	25-YEARS
Farm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State & Local Government	\$1,255,718	\$1,301,625	\$1,346,628	\$1,386,399	\$1,427,460	\$1,460,103	\$1,494,157	\$1,522,846	\$1,542,437	\$1,570,464	\$0	\$0	\$0
Federal Civilian Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Military Government	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Agriculture, Forestry, & Fishing	(\$3,665)	(\$3,500)	(\$3,341)	(\$3,314)	(\$3,120)	(\$3,056)	(\$3,073)	(\$2,892)	(\$3,060)	(\$2,847)	\$0	\$0	\$0
Mining	(\$6,878)	(\$7,355)	(\$7,029)	(\$6,968)	(\$6,906)	(\$6,843)	(\$6,623)	(\$6,486)	(\$6,425)	(\$6,068)	\$0	\$0	\$0
Utilities	\$12,307	\$13,113	\$14,580	\$16,822	\$18,805	\$20,206	\$21,227	\$22,662	\$24,334	\$25,772	\$0	\$0	\$0
Construction	\$207,110	\$212,676	\$226,306	\$237,933	\$245,007	\$249,024	\$252,842	\$263,859	\$258,357	\$270,919	\$0	\$0	\$0
Manufacturing	(\$121,624)	(\$110,612)	(\$97,176)	(\$84,324)	(\$71,896)	(\$57,365)	(\$48,520)	(\$35,013)	(\$26,933)	(\$11,984)	\$0	\$0	\$0
Wholesale Trade	\$16,649	\$22,687	\$30,543	\$36,709	\$39,278	\$48,239	\$52,349	\$58,770	\$61,216	\$67,117	\$0	\$0	\$0
Retail Trade	\$325,849	\$345,960	\$352,671	\$368,447	\$378,120	\$391,138	\$403,462	\$418,897	\$418,698	\$429,097	\$0	\$0	\$0
Transportation & Warehousing	(\$144,096)	(\$148,152)	(\$151,332)	(\$151,613)	(\$151,750)	(\$151,274)	(\$149,416)	(\$147,565)	(\$146,926)	(\$143,849)	\$0	\$0	\$0
Information	(\$18,828)	(\$14,176)	(\$9,718)	(\$4,079)	(\$1,331)	\$4,564	\$8,301	\$12,501	\$14,076	\$19,777	\$0	\$0	\$0
Finance & Insurance	\$50,684	\$69,475	\$86,111	\$103,356	\$119,851	\$131,655	\$144,261	\$157,529	\$165,284	\$180,990	\$0	\$0	\$0
Real Estate, Rental, & Leasing	(\$27,878)	(\$25,170)	(\$22,216)	(\$19,032)	(\$16,313)	(\$12,386)	(\$10,215)	(\$5,939)	(\$4,285)	\$0	\$0	\$0	\$0
Professional & Technical Services	(\$28,964)	(\$11,344)	\$1,388	\$23,109	\$31,956	\$48,239	\$53,628	\$67,522	\$83,252	\$93,511	\$0	\$0	\$0
Management of Companies & Enterprises	(\$18,099)	(\$16,302)	(\$11,799)	(\$6,798)	(\$4,660)	(\$1,304)	\$1,915	\$5,001	\$6,122	\$10,187	\$0	\$0	\$0
Administrative & Waste Remed Services	\$38,370	\$43,955	\$50,677	\$59,818	\$67,897	\$73,689	\$79,193	\$85,025	\$86,333	\$96,465	\$0	\$0	\$0
Educational Services	(\$39,099)	(\$38,640)	(\$34,015)	(\$31,271)	(\$27,293)	(\$28,033)	(\$22,981)	(\$18,755)	(\$18,364)	(\$16,779)	\$0	\$0	\$0
Health Care & Social Assistance	\$165,050	\$195,653	\$235,988	\$282,768	\$314,181	\$352,038	\$388,133	\$432,598	\$472,552	\$524,996	\$0	\$0	\$0
Arts, Entertainment, & Recreation	(\$23,892)	(\$21,624)	(\$19,435)	(\$16,658)	(\$13,646)	(\$12,386)	(\$10,215)	(\$7,814)	(\$6,733)	(\$4,495)	\$0	\$0	\$0
Accommodation & Food Services	(\$63,712)	(\$58,131)	(\$50,677)	(\$44,187)	(\$40,604)	(\$35,853)	(\$31,282)	(\$23,757)	(\$22,036)	(\$15,585)	\$0	\$0	\$0
Other Services	\$118,739	\$126,892	\$135,391	\$144,129	\$152,448	\$160,365	\$166,620	\$178,179	\$181,780	\$192,365	\$0	\$0	\$0
Total	\$1,693,741	\$1,877,029	\$2,073,546	\$2,291,249	\$2,457,480	\$2,630,761	\$2,783,762	\$2,977,169	\$3,079,676	\$3,280,053	\$0	\$0	\$0