

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Andrew	C	1S0782	5/2002	Bridge deck replacement 3.4 miles south of Rte. 48 over One Hundred and Two River. Let in combination with 1S0799.  <b>Reason(s):</b> The contractor's bid for deck removal, testing and mobilization was less than MoDOT's estimate, which was based on another deck replacement job from last year. The design and inspection costs were less than the estimate.	\$814	\$613	-24.69%
Andrew	T	1S0805	4/2002	Bridge deck replacement 2.0 miles west of Amazonia over Mill Creek. Let in combination with 1S0786 and 1S0787.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$215	\$202	-6.05%
Andrew	59	1S0844	9/2002	Grading, drainage, and pavement to replace box culvert 0.3 mile west of Rte. CC, near Savannah. 6' x 4' box @ 45 degree skew.  <b>Reason(s):</b> A stilling basin was added to the design. More pipe sections and grading were needed during construction. An incentive payment was made for early completion. The design and inspection costs were more than estimated.	\$264	\$382	44.70%
Andrew	71	1P0627	1/2001	Paving to add lanes for dual pavement from Nodaway County to north of Rte. 48.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$5,007	\$4,671	-6.71%

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10/8/2003

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Buchanan	29	1I0762	5/2001	Replace Faraon Street bridge over I-29, signals and geometric improvements at Rte. 169 in St. Joseph. Coordinate with upcoming city improvements to Faraon Street.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$3,280	\$3,255	-0.76%
Buchanan	29	1I0840	7/2002	Coldmill and resurface 1.75" northbound and southbound lanes 26' wide from Rte. 6 to 1.5 mile south of Rte. O.  <b>Reason(s):</b> The design and inspection costs for this project were lower than programmed. Resurfacing jobs generally require less time to design and inspect.	\$1,639	\$1,445	-11.84%
Buchanan	29	1I0841	7/2002	Microsurface (Type A) northbound and southbound lanes 26' wide from Bus. 71 in Andrew County to Rte. 6 in Buchanan County.  <b>Reason(s):</b> The project cost increased because the raised pavement markers were replaced, the type of microsurfacing material was changed and the pavement marking material was changed.	\$406	\$480	18.23%
Buchanan	FF	1S0786	4/2002	Bridge deck replacement 5.4 miles south of Rte. 169 over Pigeon Creek. Let in combination with 1S0787 and 1S0805.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$201	\$205	1.99%

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Buchanan	JJ	1S0787	4/2002	Bridge deck replacement 0.2 mile west of Rte. V intersection over Contrary Creek. Let in combination with 1S0786 and 1S0805.  <b>Reason(s):</b> The contractor's bid for deck removal, testing and mobilization was less than MoDOT's estimate, which was based on another deck replacement job from last year. The design and inspection costs were less than the estimate.	\$346	\$266	-23.12%
Buchanan	169	1I0762C	6/2001	Signals and geometric improvements At Belt Highway and Faraon Street intersection in St. Joseph. Coordinate with upcoming city improvements to Faraon Street. This job is split from 1I0762.  <b>Reason(s):</b> The cost increased because of design changes in the northwest quadrant involving lighting, demolition, signals and pavement quantities. These changes carried over into the construction phase.	\$345	\$620	79.71%
Caldwell	F	1S0788	4/2002	Replace bridge decks and handrails 3.2 and 7.6 miles east of Rte. 13 over Brush Creek and Crabapple Creek (disconnected sections).  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$292	\$263	-9.93%
Caldwell	36	1P0632C	8/1999	Grading, bridges and culverts on eastbound lane from west of Rte. K to Livingston County.  <b>Reason(s):</b> The bid for Class C excavation was half the amount estimated, resulting in a lower project cost.	\$5,766	\$5,038	-12.63%

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Caldwell	36	1P0632D	8/1999	Grading, bridges and culverts on eastbound lane from east of Rte. 13 to west of Rte. K.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$4,576	\$4,777	4.39%
Caldwell	36	1P0763	7/2002	Resurface 24' westbound lanes and shoulders from east of Rte. B to Livingston County line.  <b>Reason(s):</b> The cost decreased because the asphalt type was changed, and there was less pavement repair than originally estimated.	\$2,484	\$1,041	-58.09%
Clinton	H	1S0801	5/2002	Bridge deck replacement 1.9 miles west of I-35 over Shoal Creek. Let in combination with 1S0795 and 1S0796.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$229	\$229	0.00%
Clinton	35	1P0817C	6/2002	Coldmill, resurface, and update guardrail end treatments from 0.4 mi. N/O Rte. 69 at north end of Shoal Cr. Bridge to Dekalb County.  <b>Reason(s):</b> The project cost decreased because the contractor bid coldmilling costs less than estimated.	\$1,408	\$935	-33.59%

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DeKalb	O	1S0795	5/2002	Bridge deck replacement 1.3 miles west of Rte. J over Little Third Fork Creek. Let in combination with 1S0796 and 1S0801.  <b>Reason(s):</b> The original estimate omitted strengthening the existing stringers and the contractor bid mobilization at a higher rate than the estimate. The design and inspection costs were more than the estimate.	\$257	\$289	12.45%
DeKalb	Y	1S0796	5/2002	Bridge deck replacement 0.5 mile east of Rte. K over Castile Creek. Let in combination with 1S0795 and 1S0801.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$278	\$282	1.44%
DeKalb	36	1P0804	4/2002	Relocate median crossover and build crossover and turning lanes west of existing crossing at intersection of Rte. 36 and Business Rte. 36 near west city limits of Cameron.  <b>Reason(s):</b> The cost increased because the intersection was moved 250 feet west, at the request of Cameron officials. This resulted in additional costs for pavement, box culvert extension, drop inlets, storm drains, earthwork and right-of-way.	\$626	\$1,091	74.28%
Harrison	M	1S0797	5/2002	Bridge deck replacement 1.0 mile west of Rte. 69 over Shain Creek. Let in combination with 1S0790.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$171	\$176	2.92%

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Holt	159	1S0799	5/2002	Bridge deck replacement 2.0 miles west of Rte. 59 over Kimsey Creek. Let in combination with 1S0782. Project involves bridge N-722.  <b>Reason(s):</b> The design and inspection costs were higher than estimated.	\$147	\$174	18.37%
Nodaway	71	1P0641	1/2001	Paving to add lanes for dual pavement from north of Rte. A to Andrew County.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$5,307	\$5,103	-3.84%
Nodaway	71	1P0641B	3/2000	Grading and bridge to add lanes for dual pavement from north of Rte. A to Andrew County.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$6,758	\$6,831	1.08%
Worth	C	1S0790	5/2002	Bridge deck replacement 1.3 miles south of Rte. 46 over Big Rock Creek. Let in combination with 1S0797.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$195	\$184	-5.64%

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Worth	H	1S0745	2/1997	Grading and paving 2 lanes from Iowa line south 0.1 mile.  <b>Reason(s):</b> More existing pavement had to be removed and additional new asphalt pavement was needed causing the increase in construction costs.	\$91	\$112	23.08%
Adair	63	2P0708	5/2002	Micro- surfacing of pavement from the North Rte. 6 junction to Illinios Ave. Preventive Maintenance  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$131	\$124	-5.34%
Grundy	6	2P0394	1/2000	Grading, paving and replace bridges over Little Medicine Creek from 0.8 mile to 0.2 mile west of Sullivan County. \$185,000 FY 2000 special innovative bridge research and construction funds.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$3,134	\$2,915	-6.99%
Grundy	65	2P0713	6/2002	Hydrodemolition of bridge deck over Muddy Creek 0.3 miles south of Rte. 6.  <b>Reason(s):</b> The rehabilitation work was more extensive than originally estimated.	\$280	\$439	56.79%

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Linn	V	2S0686	4/2002	Grading, paving and replace bridge over Bear Creek 3.0 miles east and north of Rte. M.  <b>Reason(s):</b> MoDOT received good bids at the bid letting.	\$835	\$654	-21.68%
Linn	ZZ	2S0683	5/2002	Improve vertical alignment 0.9 mile south of Rte. WW at Linn-Chariton County line.  <b>Reason(s):</b> The amount of earthwork and construction were more extensive than originally estimated for the project. The cost of preliminary engineering, incidentals and right of way were also higher than originally estimated.	\$212	\$315	48.58%
Livingston	36	2P0476B	11/1998	Grading and paving to add lanes for dual from Caldwell County to Rte. C at Utica. Freeway right of way.  <b>Reason(s):</b> The actual incidentals were less than estimated. Bids received were lower than the average bid prices used for the estimate.	\$10,359	\$8,757	-15.46%
Livingston	36	2P0671	2/2001	Resurface east and westbound lanes, rehabilitate 4 bridges and median drainage from Coon Creek to Blackwell Creek.  <b>Reason(s):</b> The scope at the time of programming was not complete. Final scope of project included resurfacing of Route 65 over US 36.	\$2,650	\$3,860	45.66%

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Livingston	65	2P0709	5/2002	Cold-Mill and place 1-3/4" high type thin lift overlay from south of Park Lane to BusinessRte. 36  <b>Reason(s):</b> Actual quantities and unit price were higher than programmed estimate.	\$360	\$426	18.33%
Macon	J	2S0690	5/2002	Grading and paving for intersection modifications to improve sight distance at Rte. 3 and Rte. J intersection.  <b>Reason(s):</b> The actual cost of the incidentals were over twice the estimate.	\$307	\$356	15.96%
Macon	63	2P0679	6/2001	Redeck bridge A2043 and remove railroad bridge A2042 at Rte. 63 interchange over Rte. 36.  <b>Reason(s):</b> The scope was not sufficiently developed to fully address the need at the time of programming.	\$1,095	\$1,797	64.11%
Macon	63	2P0698D	5/2002	Micro- surfacing of pavement from Briggs St.south through the end of the 3-lane section in Macon. Preventive Maintenance  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$160	\$145	-9.38%

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Putnam	E	2S0673	3/2002	Replace bridge over West Locust Creek 4.0 miles south of Iowa State line.  <b>Reason(s):</b> The incidentals costs were lower than the estimate.	\$838	\$958	14.32%
Putnam	136	2P0672	6/2001	Replace bridge over North Blackbird Creek 1.0 mile east of Rte. W.  <b>Reason(s):</b> The incidentals costs were higher than the estimate.	\$1,965	\$2,184	11.15%
Saline	J	2S0455	5/2002	Grading, paving and replace bridge over Heaths Creek 1.6 miles south of I-70.  <b>Reason(s):</b> The preliminary engineering and the incidentals were less than estimated. MoDOT received good bids.	\$1,534	\$938	-38.85%
Saline	P	2S0689	5/2002	Relocate and improve intersection of Rte. P with Rte. 240 3.0 miles south of Slater.  <b>Reason(s):</b> The actual cost for incidentals and right of way acquisition were less than the estimates. Actual bid prices and quantities were less than estimated at time of programming.	\$363	\$268	-26.17%

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Saline	70	2S0680	3/2002	Hydrodemolition of bridge deck over Davis Creek west of Sweet Springs.  <b>Reason(s):</b> The incidentals costs were higher than the estimate.	\$494	\$299	-39.47%
Saline	VV	2S0460	11/2001	Replace bridge over Davis Creek 0.6 mile north of I-70.  <b>Reason(s):</b> The incidentals costs were lower than the estimate.	\$1,171	\$842	-28.10%
Various	Var	2P0698B	1/2002	Epoxy Polymer Concrete overlays of bridge decks at various locations in District. Project involves Chariton Rte. 11 (A1446), Grundy Rte. 65 (A2675), & Saline OR I-70 (A130). Funded by SFY Bonding Package for contract maintenance activities.  <b>Reason(s):</b> At the time of bidding, the Contract Level Course prices were less than at the time of programming.	\$501	\$404	-19.36%
Various	Var	2P0698C	10/2001	Diamond grinding of concrete pavement at various locations in district. Funded by SFY Bonding Package for contract maintenance activities.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$566	\$591	4.42%

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Audrain	54	3P0639	6/2001	Grading and paving for intersection improvements at the Rte. 54 and Rte. 19 south junction.  <b>Reason(s):</b> Bid prices for asphaltic concrete, base and earthwork were higher than estimated possibly due to the location of a poor competitive environment, timing and nature of the work.	\$591	\$686	16.07%
Clark	61	3P0440	7/1999	Rehabilitate bridge at Sugar Creek 1.3 miles north of Rte. H.  <b>Reason(s):</b> The bid prices for asphaltic concrete, base, mobilization, traffic signals and bridge work were higher than the estimate. The incidentals costs were higher than the estimate.	\$335	\$491	46.57%
Clark	136	3P0441	7/1999	Grading, paving and replace bridge over North Wyaconda River 0.7 mile east of Rte. A.  <b>Reason(s):</b> The bid prices for the majority of the item, constructed quantities of rock ditch liner and the incidental costs were higher than the estimate. Temporary signals and native seeding were not in the estimate.	\$1,925	\$2,382	23.74%
Knox	6	3P0442	5/2002	Grading, paving and replace bridge over Troublesome Creek 1.6 miles east of Rte. T.  <b>Reason(s):</b> Construction surveying was not in the original estimate. Earthwork quantities were higher than the estimate. Preliminary engineering costs were higher than the estimate.	\$557	\$750	34.65%

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Lincoln	47	3P0457	4/2001	Grading, paving and replace bridge over Coon Creek 0.7 mile north of Rte. U.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$948	\$908	-4.22%
Lincoln	47	3P0640	12/2001	Grading and paving for intersection improvements at Rtes. 79 and 47 intersection.  <b>Reason(s):</b> The incidentals costs were higher than the estimate.	\$417	\$544	30.46%
Lincoln	61	3P0660D	6/2002	Epoxy seal bridge decks and partial depth patching Br. A2604, A2608 SB, A2601 SB Various locations in Lincoln County. This project split from 3P0660  <b>Reason(s):</b> The estimated patching quantities for bridge decks were reduced during final design. The incidental costs were less than the estimate.	\$388	\$320	-17.53%
Lincoln	KK	3S0470	6/2002	Grading, paving and replace bridge over Bobs Creek 0.2 mile west of Rte. W.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$784	\$704	-10.20%

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Marion	24	3P0672	4/2002	1-3/4" high type resurfacing east of Rte. DD east 4.35 miles to 0.8 mile east of Rte. H.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$653	\$614	-5.97%
Marion	36	3U0269	9/2000	Remove the Mark Twain Memorial Bridge in Hannibal. Project relates to 3U0269D, 3U0269E, 3U0269G, 3U0269H and 3U0269I.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$11,537	\$12,233	6.03%
Marion	36	3U0269F	9/1996	Substructure and approach girders on the Mississippi River Bridge in Hannibal.  <b>Reason(s):</b> The construction estimate consists of Missouri's share only. Missouri paid 100 percent of the total project cost. Illinois reimbursed 50 percent of the total construction cost, which is not reflected in the cost to complete amount.	\$33,699	\$27,474	-18.47%
Marion	79	3P0658	11/2001	Coldmill and resurface on Third Street in Hannibal. City of Hannibal will contribute \$76,000 for parking areas.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$310	\$329	6.13%

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Montgomery	70	3I0618	2/2001	Coldmill and resurface westbound lane from 4.6 miles east of Callaway County east 11.4 miles.  <b>Reason(s):</b> The constructed quantities of asphaltic concrete, coldmilling, seed and mulch were less than estimate. The law enforcement was not utilized. Incidental costs were less than the estimate.	\$5,532	\$4,610	-16.67%
Montgomery	70	3I0620	7/2001	Interchange lighting and guard rail at Rtes. E, NN and Y.  <b>Reason(s):</b> The bid prices and incidental costs were less than the estimate. Embankment in place was underrun.	\$123	\$108	-12.20%
Montgomery	70	3I0621	11/2001	Coldmill and resurface eastbound lane from 4.6 miles east of Callaway County east 6.1 miles.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$2,972	\$2,969	-0.10%
Montgomery	70	3I0622	7/2001	Interchange lighting and guard rail at Rte. F.  <b>Reason(s):</b> Guardrail, seeding and mulch items were not required. Fewer end terminals were needed. The incidental costs were less than the estimate.	\$133	\$105	-21.05%

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Montgomery	70	3I0648	2/2001	Coldmill and resurface westbound lane to eliminate rutting from 1.6 miles west of Rtes. E and NN east 1.6 miles.  <b>Reason(s):</b> The constructed quantities were greater than the estimate. Mobilization, embankment in place, guardrail, concrete barrier and steel pipe were not in the estimate.	\$83	\$180	116.87%
Pike	61	3P0612	12/2001	Replace temporary connections on northbound and southbound lanes 0.5 mile south of Rte. HH.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,115	\$1,106	-0.81%
Ralls	V	3S0577	5/2001	Grading, paving and replace bridge over Salt River 1.6 miles east of Business Rte. 61.  <b>Reason(s):</b> The bridge cost was less than the estimate.	\$1,758	\$1,568	-10.81%
Ralls	19	3P0660C	12/2001	Chip seal 2-12' lanes at Rte. 154 south junction south to Rte. 54 north junction. This project split from 3P0660.  <b>Reason(s):</b> The estimated unit price for polymer modified asphalt was higher than the bid price. The incidental costs were less than the estimate.	\$298	\$107	-64.09%

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Ralls	61	3P0062	6/1998	Paving to add lanes for dual from 0.4 mile south of Rte. 19 to 1.9 miles south of Frankford.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$11,175	\$12,151	8.73%
Warren	70	3I0677	7/2002	Microsurfacing on westbound lane 1.1 miles west of Rte. A & B overpass east to 0.8 mile east of Rte. F & J (3 disconnected sections).  <b>Reason(s):</b> The bid prices, constructed microsurfacing quantities and the incidental costs were less than the estimate.	\$170	\$86	-49.41%
Cass	7	4S1305	6/2000	Widen to 3 lanes with center turn lane, curb, gutter and sidewalks from Rice Street to Timber Street in Pleasant Hill. City to provide design, right of way and construction engineering.  <b>Reason(s):</b> The incidentals costs were higher than the estimate, and the program estimate was based on per-mile cost.	\$1,361	\$1,749	28.51%
Cass	7	4S1311	6/2001	Widen to 3 lanes with center turn lane, curb, gutter, sidewalks, drainage and signals from Rte. VV to Vanhoy Street in Pleasant Hill. City to provide design, R/W, const. engineering and \$17,000 toward const. cost.  <b>Reason(s):</b> The incidentals costs were higher than the estimate.	\$309	\$343	11.00%

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Cass	7	4S1312	6/2001	Widen to 3 lanes with center turn lane, curb, gutter, sidewalks and drainage from Vanhoy Street to Rice Street in Pleasant Hill.  <b>Reason(s):</b> This project had multiple design changes that required additional design time.	\$1,104	\$1,282	16.12%
Clay	29	4I1328	1/2001	Resurface, rehabilitate 2 bridges, guard rail modification and modify drop inlets on southbound lane from east of the Platte County line to I-35.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$3,725	\$3,720	-0.13%
Clay	35	4P1521C	1/2002	Novachip surfacing all lanes in both directions from Russell Road to Rte. 210 interchange in Clay Co. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> The bids for Type B Ultrathin Bonded surface was much higher than estimated.	\$148	\$306	106.76%
Clay	35	4P1521H	1/2002	Microsurface all lanes in both directions from Pleasant Valley to Russell Road. Estimate based on \$14,000 per lane mile and includes traffic control.  <b>Reason(s):</b> The bids for roadway items were less than estimated.	\$382	\$254	-33.51%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Clay	69	4P1329	2/2000	Coldmill and resurface pavement and rehabilitate bridges from 6.0 miles north of I-35 (Holmes Creek) to I-35.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$3,112	\$3,067	-1.45%
Clay	69	4P1515	3/2002	Install fire station signals at Bryant Street (Claycomo Fire Station) in Claycomo.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$80	\$77	-3.75%
Clay	169	4P1512	4/2002	Install signs for signals north of 96th Street and microsurface southbound lanes from 0.7 mile south of Cookingham Drive to 0.2 mile north of Rte. 152.  <b>Reason(s):</b> Higher bids were received for the asphalt material and sign work than was estimated because the project was small.	\$171	\$206	20.47%
Clay	291	4P1330	11/2000	Resurface, pavement repair and rehabilitate bridges from Rte. 33 to Rte. 210.  <b>Reason(s):</b> Unit bids received for asphaltic cement and other items in the contract were higher than estimated.	\$4,891	\$5,814	18.87%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Clay	435	4I1346	9/2001	Slide repair near 48th Street interchange in Kansas City area.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,470	\$1,320	-10.20%
Jackson	7	4S0915	3/2000	Grading and paving to add lane for dual from Moreland School Road to Wyatt Road.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$8,059	\$8,961	11.19%
Jackson	W	4X1308	6/2001	Install closed loop arterial signal system from Rte. 71 to Hillcrest Road. To be let in combination with 4X1309.  <b>Reason(s):</b> The number of new traffic signal controllers was one less than what was in the programmed estimate.	\$404	\$267	-33.91%
Jackson	W	4X1309	6/2001	Signal interconnect and controller upgrades from State Line Road to 95th Terrace. To be let in combination with 4X1308.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$551	\$594	7.80%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Jackson	40	4P1354	2/2001	Coldmilling, pavement and shoulder repair, resurfacing and bridge rehabilitation from west of I-70 west junction to 0.3 mile west of I-70 east junction.  <b>Reason(s):</b> Added curb, gutter and storm sewer to correct a drainage problem that was not in the original estimate. Bids for Superpave Asphalt mixes were higher than estimated.	\$3,889	\$4,541	16.77%
Jackson	40	4S1544	6/2002	Microsurfacing from I-470 to Mo. 7. Let in combination with microsurfacing projects 4P1545 and 4S1540.  <b>Reason(s):</b> Added additional ramp to be microsurfaced prior to award of the contract. The per mile estimate was too low.	\$334	\$448	34.13%
Jackson	40	4U0958	5/2000	Replace eastbound lane bridges over Little Blue River from 0.2 mile to 1.1 miles east of I-470 in Kansas City (2 disc. sections). R/W under 4U0752.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$2,365	\$2,510	6.13%
Jackson	40	4X1297	3/2000	Widen and add a right turn storage lane (eastbound) from eastbound Rte. 40 to southbound Rte. 7 in Blue Springs.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$108	\$104	-3.70%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Jackson	71	4P1500	1/2001	Resurface from I-435 southbound lane to Blue Ridge Boulevard.  <b>Reason(s):</b> Pavement repair was added to the contract after the project was awarded.	\$2,406	\$2,697	12.09%
Jackson	71	4P1521D	1/2002	Diamond grind all lanes in both directions from 75th street to 95th street (Route W). Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> Bids for diamond grinding were much lower than estimated.	\$323	\$203	-37.15%
Jackson	71	4U0011R	4/1998	Grading, bridges, retaining walls and paving on Bruce R. Watkins Drive from 20th Street to 27th Street.  <b>Reason(s):</b> Unit bids received for bridge items and other work in the contract were higher than estimated.,	\$38,944	\$45,888	17.83%
Jackson	78	4P1521E	1/2002	Microsurface all lanes in each direction from Truman Road to Rte. 7. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> Bids for surfacing items were lower than estimated.	\$158	\$101	-36.08%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Jackson	78	4S1546	6/2002	Microsurfacing from west of I-435 to east of Rte. 291 Let in combination with microsurfacing projects 4P1545 and 4S1544.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$713	\$645	-9.54%
Jackson	150	4U1096B	2/2000	Grading, paving and bridge for eastbound lanes and overpass at Kansas City Southern Railroad from 1.1 miles to 2.1 miles east of Rte. D (Prospect Avenue to Botts/Blue Angel).  <b>Reason(s):</b> Bids for bridge items, Class A excavation and pavement drainage materials were lower than estimated.	\$8,244	\$7,293	-11.54%
Jackson	291	4S1545	6/2002	Microsurfacing from North of Rte. 78 to 39th Street. Let in combination with microsurfacing projects 4S1544 and 4S1540  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$245	\$232	-5.31%
Jackson	291	4U0566	12/1996	Grading and drainage for part 2 lane and part 4 lane roadway from 0.3 mile south of Rte. 210 to north of Rte. 24.  <b>Reason(s):</b> Bids for grading items were higher than estimated.	\$8,007	\$9,594	19.82%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Jackson	291	4U0566D	12/1996	Grading and drainage for 4 lane roadway from south of Rte. 210 to north of Rte. 24.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$11,923	\$12,369	3.74%
Jackson	350	4X1310	6/2001	Signal interconnect, controller upgrades and advance loop detectors from Laurel to Rte. V (Noland Road) in Kansas City.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$551	\$536	-2.72%
Jackson	435	4I1250	6/1998	Resurface 2-36' pavements, stabilize shoulders, pavement repair, improve radii and rehabilitate bridges from Winner Road ( Rte. 24) to Missouri River.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$11,619	\$12,149	4.56%
Jackson	435	4I1502	7/2000	Landscaping from State Line Road to east of Wornall Road. \$15,000 funds from district operations and remainder from City of Kansas City.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$626	\$626	0.00%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003



## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Jackson	Var	4P1522B	7/2002	Paint bridges at I-35 ramp over I-70 and Rte. 350 under 67th Street. Project involves bridges A-11282 and H-153R1.  <b>Reason(s):</b> Bids for paint were lower than estimated.	\$748	\$390	-47.86%
Johnson	50	4P1519D	1/2002	Microsurface all westbound lanes from 2 miles east of County Road 671 to 1.7 miles west of bridge A-1042. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> Unit bids received for asphalt material and other items in the contract were less than estimated.	\$73	\$59	-19.18%
Johnson	50	4P1519E	1/2002	Microsurface all westbound lanes from 4 miles east of Rte. 131 to 0.2 mile east of County Road 671. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> Unit bids received for asphalt material and other items in the contract were less than estimated.	\$121	\$86	-28.93%
Johnson	50	4P1519F	1/2002	Microsurface all eastbound lanes from west of Rte. 58 to 1.8 miles west of bridge A-1042. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> Unit bids received for asphalt material and other items in the contract were less than estimated.	\$84	\$67	-20.24%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Lafayette	70	4I0815	6/1999	Replace weigh station and realign outer roads approximately 1.7 miles east of Rte. O.	\$8,384	\$10,424	24.33%
			<b>Reason(s):</b>	Bids for weigh station equipment, building and other items in the contract were higher than estimated for the programmed estimate because of the lack of previous cost data for the new technology.			
Lafayette	70	4I0815B	6/2002	Demolition of weigh stations 1.6 miles west of Rte. 131.	\$301	\$127	-57.81%
			<b>Reason(s):</b>	Only the building was removed. The pavement was left in place and used for a truck rest area.			
Platte	D	4S1355	6/2000	Grading, drainage, paving, lighting and signals from 0.4 mile west of I-29 interchange to Ambassador Drive. \$1,669,000 funding from Farmland Corp. through Missouri Dept. of Economic Development.	\$4,793	\$5,029	4.92%
			<b>Reason(s):</b>	The project cost to complete was within +/- 10 percent of the estimate.			
Platte	29	4P1519G	1/2002	Microsurface all southbound lanes from the Buchanan Co. line to North of Rest Area. Funded by SFY 2002 bonding package for contract maintenance activities.	\$97	\$78	-19.59%
			<b>Reason(s):</b>	Bids for surfacing items were less than estimated.			

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Platte	29	4P1519H	1/2002	Fiberized crack sealing all lanes in each direction from Rte. E to Rte. 273. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> There was no traffic control cost in the original estimate, and the bid for fiberized crack sealing was more than estimated.	\$11	\$34	209.09%
Platte	152	4P1521F	1/2002	Seal shoulders and fill pavement cracks from beginning of divided pavement west of Amity to end of divided pavement west of I-29. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> The bid for fiberized crack sealing was more than estimated.	\$19	\$45	136.84%
Platte	152	4P1521G	1/2002	Seal shoulders and fill pavement cracks from Hampton Road to the beginning of the divided pavement west of Amity Ave. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> The bid for fiberized crack sealing was more than estimated.	\$5	\$15	200.00%
Ray	C	4S0960	11/1999	Grading and paving 0.4 mile south of Elmira at Burnt Fork Creek.  <b>Reason(s):</b> The incidentals costs were higher than the estimate. Bids for roadway items were higher than estimated. Repair of slides was added to the contract after it was awarded.	\$797	\$2,338	193.35%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Ray	C	4S0960B	11/1999	Replace bridge 0.4 mile south of Elmira over Burnt Fork Creek.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$587	\$593	1.02%
Ray	10	4P1519B	1/2002	Seal shoulder and fill pavement cracks from the west intersection with Bus. Rte. 10 to the end of new pavement. Funded by SFY 2002 bonding package for contract maintenance activities.  <b>Reason(s):</b> The bid for fiberized crack sealing was more than estimated.	\$23	\$31	34.78%
Benton	7	5P0495	4/2001	Grading, pave 2 lanes and build new bridges over Little Deer Creek to replace low water crossings 2.0 and 3.2 miles east of Rte. VV.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$4,663	\$4,928	5.68%
Benton	65	4P0936	7/1999	Paving for 1-24' pavement (part) and 2-24' pavements (part) from south of Pettis County to south of Rte. 52 south junction.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$10,028	\$11,038	10.07%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Benton	65	5P0777	1/2002	Geometric improvements, including adding left turn lanes, at Rte. BB and Rte. T intersections.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$483	\$508	5.18%
Boone	70	5I0697	11/2001	Resurface westbound lanes and rehabilitate bridges from 1.8 miles west of Rte. Z to Callaway County.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$3,531	\$3,292	-6.77%
Callaway	54	5P0790	5/2002	Replace wearing surface on Center Street bridge over Rte. 54 in Holts Summit.  <b>Reason(s):</b> Good bid prices were received for this project.	\$228	\$146	-35.96%
Callaway	54	5P0800	3/2002	Replace and repair portland cement concrete pavement in interchange area 0.3 miles S of I-70 to I-70  <b>Reason(s):</b> Concrete costs, bridge approach slab and asphalt prices in bids were higher than estimated. Also subgrade problems required rock fill that had not been anticipated in the estimate.	\$545	\$732	34.31%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Callaway	54	5S0758	6/2001	Widen to three lanes between two previously widened sections 0.7 mile north of Rte. Z in Fulton. MODOT share funded from the district operations budget.  <b>Reason(s):</b> MoDOT's share of the project cost was limited to \$22,000 with the remaining portion paid for by the City of Fulton.	\$88	\$22	-75.00%
Camden	5	5P0590F	6/2002	Demolition of structures from 1.7 miles south of Niangua Arm to 1.0 mile north of Camdenton city limits.  <b>Reason(s):</b> Contractor unit price bids for removal of improvements were higher than estimated due to some unknowns about the actual amount of debris removal.	\$43	\$74	72.09%
Camden	5	5P0591G	6/2002	Demolition of structures from 1.0 mile north of Camdenton city limits to .2 mile south of new relocated Rte. 5 and Rte 7 Jct.  <b>Reason(s):</b> Contractor unit price bids were less than estimated for removal of various asbestos items and demolition of buildings.	\$110	\$93	-15.45%
Camden	54	5P0309E	6/2002	Demolition of structures from Glaize Bridge to west of Rte. 42.  <b>Reason(s):</b> Contractor unit price bids were less than estimated for removal of various asbestos items, plugging wells and removal of improvements.	\$36	\$27	-25.00%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

**MoDOT**

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Camden	54	5P0347D	4/2000	Paving, outer road and ramps for Rte. Y interchange, signing, lighting and incidental grading from Rte. Y to 1.3 miles west of Rte. KK.  <b>Reason(s):</b> There was an overall increase in the portland cement concrete pavement, drainage items, guardrail and erosion control to match existing conditions.	\$7,172	\$8,396	17.07%
Cole	63	5P0706	3/2002	Resurface eastbound lane from Lisletown Road to end of divided pavement.  <b>Reason(s):</b> Incidental costs were less than estimated.	\$181	\$135	-25.41%
Cole	179	5U0441M	3/2000	Bridge over Rte. 54 at Idlewood Road and Southwood Hills intersection. Will eliminate cross-over at Rte. 54 intersection. MoDOT payback to occur in SFY's 2000-2009 under Project 5U0441.  <b>Reason(s):</b> Incidental costs were less than estimated.	\$3,215	\$2,804	-12.78%
Cooper	70	5I0763	12/2001	Resurfacing, pavement repair and guard rail replacement on westbound lane from 0.2 mile east of Rte. 87 west to near Rte. B.  <b>Reason(s):</b> Final pavement repair quantity bid was significantly less than originally estimated.	\$2,138	\$1,835	-14.17%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Gasconade	50	5P0702	1/2001	Coldmill and resurface from Rte. 19 north junction to Franklin County.  <b>Reason(s):</b> Incidentals costs were less than estimated.	\$1,237	\$1,069	-13.58%
Maries	AA	5S0323	4/2001	Grading, paving and replace bridge over Stratman Branch 3.5 miles north of Rte. 63.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$947	\$896	-5.39%
Miller	V	5S0539	12/2000	Grading, paving and replace bridge over Gravois Creek 0.2 mile south of Rte. 54.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$863	\$939	8.81%
Moniteau	N	5S0544	4/2002	Grading, build bridge over Moniteau Creek and pave 2 lanes 1.5 miles west of Cole County.  <b>Reason(s):</b> The project was contracted to a consultant which increased preliminary engineering costs. Furnishing and placing rock fill was bid higher than estimated. Bridge costs were bid higher than estimated due to tight timeframe requirements.	\$759	\$880	15.94%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003



## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Moniteau	50	5P0793	5/2001	Add left turn lane at west city limits of California at California High School (east entrance).  <b>Reason(s):</b> Shoulder and pavement widening excavation revealed unsuitable material. Back filled with rock for stability, and this ran up costs over what had been estimated.	\$186	\$252	35.48%
Moniteau	87	5S0541	3/2002	Replace existing bridge with 2 lane bridge and 32' roadbed over Burris Fork from 1.4 miles south of Rte. T to 3.9 miles north of Rte. C.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,239	\$1,158	-6.54%
Osage	100	5S0472	4/2001	Replace bridge over Dooling Creek at west Chamois city limits.  <b>Reason(s):</b> The incidentals costs were lower than the estimate.	\$1,299	\$1,152	-11.32%
Various	Var	5P0794E	3/2002	Place epoxy polymer concrete overlays on 8 bridge decks at various locations in District 5. This project split from 5P0794. Funded by SFY 2002 Bonding Package for contract maintenance activities.  <b>Reason(s):</b> Good competition on bids (6 bidders) resulted in bids less than estimated on this specialized work.	\$528	\$416	-21.21%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Franklin	44	6I1533	7/2001	Resurface and pavement repair 0.5 mile east of Rte. 100 east interchange at Gray Summit to St. Louis County Line.  <b>Reason(s):</b> The increase is due to significantly more concrete pavement repair being required than originally estimated.	\$681	\$845	24.08%
Franklin	50	6P1464	5/2001	Video detection systems for existing signal installations from Hoover Avenue to Rte. 47 in Union.  <b>Reason(s):</b> Controllers needed to be replaced to accommodate video detection equipment.	\$184	\$237	28.80%
Franklin	UU	6S1534	9/2001	Remove and replace existing box culvert with precast box culvert 1.1 mile south of Rte. 50 80% funded under FHWA Emergency Relief Funds.  <b>Reason(s):</b> Bids received were significantly lower than estimated.	\$85	\$67	-21.18%
Franklin	100	6S1359	4/2001	Grading and paving to reconstruct intersection from 0.5 mile west of Rte. KK to 0.5 mile east of Rte. KK.  <b>Reason(s):</b> The programmed estimate was underestimated on the amount of latent rock excavation, and it did not take into account the rehabilitation of the existing pavement and shoulders on the east end of the project.	\$2,495	\$3,215	28.86%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Franklin	185	6S1526	6/2001	Grading, pavement widening and signals for intersection improvements 0.2 mile south of I-44 at Springfield Road in Sullivan. \$555 from Federal safety and \$100 from GHQ-traffic.  <b>Reason(s):</b> The decrease is due to the original project scope being overestimated.	\$732	\$372	-49.18%
Jefferson	M	6S0704H	11/1996	Grading and base for relocation from east of Old Lemay Ferry Road to Rte. I-55.  <b>Reason(s):</b> The cost of the right of way was higher than the estimate.	\$11,692	\$10,239	-12.43%
Jefferson	61	6P1329	1/2001	Resurfacing from Rte. Z to end of divided pavement.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$2,862	\$2,880	0.63%
Jefferson	61	6P1542D	5/2002	Microsurfacing and striping 0.5 mile south of Route 67 to Ste. Genevieve County Line  <b>Reason(s):</b> The decrease is due to a large portion of the project requiring significantly less microsurfacing material because the roadway was in good condition compared to the original scope.	\$459	\$350	-23.75%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Jefferson	MM	6S0770	5/2000	Grading, paving, replace bridge over Heads Creek and widen bridge over Dulin Creek from east of House Springs to west of Rte. 30.  <b>Reason(s):</b> The increase is due to higher bridge costs than the preliminary estimate.	\$5,769	\$6,844	18.63%
Jefferson	141	6P1383	6/2001	Rehabilitate bridge decks between Rte. 30 and Rte. 21.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$886	\$904	2.03%
St Charles	P	6S1304	7/2000	Grading, paving and drainage from 2.3 miles to 0.3 mile west of Rte. M.  <b>Reason(s):</b> The incidentals costs were higher than the estimate.	\$2,737	\$3,710	35.55%
St Charles	67	6P1225	8/1996	Cable restraint system on bridge at Mississippi River.  <b>Reason(s):</b> Hidden existing bridge conditions resulted in higher restraint system costs.	\$239	\$1,117	367.36%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Charles	70	6I1275	10/1998	Construct interchange 1.3 miles west of Rte. 79 at Cool Springs Road. Reduce congestion at Rte. M interchange.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$5,245	\$4,944	-5.74%
St Charles	70	6I1275B	9/1999	Relocate south outer road, construct overpass and ramps for new interchange 1.3 miles west of Rte. 79 at Cool Springs Road. 6I1275C combined into this project.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$13,651	\$13,051	-4.40%
St Charles	70	6I1487	5/2001	Install median guard cable at various locations from west of Rtes. T/W to Lake St. Louis.  <b>Reason(s):</b> The increase is due to additional cable locations being added during the design phase to provide the safest installation possible.	\$224	\$458	104.46%
St Charles	94	6S1461	5/2001	Wetland mitigation for impacts from Project 6S1241 for levee crossing at Alta Villa Road.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$39	\$39	0.00%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Charles	94	6S1545	8/2001	Pavement repair from Siedentop Road to Failane. This project split from 6R0200A.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$301	\$322	6.98%
St Charles	364	6U0803J	2/1998	River piers for the Page Avenue bridge on the Page Avenue extension at the Missouri River in the St. Louis area. Project relates to 6U0803B, E, F, H, O, Q and R.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$32,469	\$34,535	6.36%
St Charles	364	6U0803X	7/1999	Grading, drainage and bridges for south outer road over Rte. 364 from Rte. 94 to west of Upper Bottom Road.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$9,102	\$8,256	-9.29%
St Charles	Var	6S1397	5/2001	Replace guard rail on various supplementary routes in St. Charles County.  <b>Reason(s):</b> The decrease is due to the early cost estimates for guard rail were higher than the completed costs.	\$229	\$199	-13.10%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Louis	N	6S1460	2/2001	Widen curb radius at intersection with Blackburn Avenue in Ferguson.  <b>Reason(s):</b> There was a minor scope increase due to the small size of the project. This resulted in a substantial cost increase.	\$67	\$79	17.91%
St Louis	21	6P1364	1/2001	Pavement repair, coldmill and overlay with asphalt from Butler Spur to 1.0 mile south of Rte. 141.  <b>Reason(s):</b> Additional pavement repair was required due to the deterioration that was originally estimated.	\$2,069	\$3,082	48.96%
St Louis	21	6P1506	6/2001	Add high speed back loops at Lutheran South High School, Reavis Road, Astra Way and Arnold Church Road (4 disconnected sections).  <b>Reason(s):</b> Additional power supply assembly and cable conduit were required than was originally estimated.	\$114	\$130	14.04%
St Louis	44	6I1303	1/2000	Pavement repair, cold mill and overlay existing pavement from Rte. 61 to Murdoch.  <b>Reason(s):</b> Cost overruns are due to the use of superpave asphalt and traffic control method revised using much more temporary barriers than anticipated. The pavement repair was much greater than originally anticipated.	\$8,227	\$14,312	73.96%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Louis	44	6I1426	1/2001	Widen eastbound off ramp to provide dual eastbound left and single right to Elm Avenue at I-44 and Elm Avenue.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$287	\$259	-9.76%
St Louis	44	6I1481	1/2001	Geometric revisions at ramp intersections, traffic signal and highway lighting modifications at Elm Avenue interchange in Webster Groves. Funded from 6R0004C. Let in combination with 6I1426.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$549	\$504	-8.20%
St Louis	44	6S1317B	3/2001	Asphalt patching, microsurfacing and installing raised pavement markers from east of Rte. 109 to west of Rte. 141.  <b>Reason(s):</b> The cost underrun is due to the project being funded from 6S1317 and 6R0100B. The programmed amount is for construction. The difference is due to the asphalt patching being reduced.	\$838	\$698	-16.71%
St Louis	50	6S1519	6/2001	Add westbound right turn lane and install signal with high speed loops at Rte. I-255 westbound off ramp (Barracksview Road).  <b>Reason(s):</b> Additional power supply assembly and pavement marking tape was required than originally estimated.	\$156	\$252	61.54%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003



## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Louis	55	6I1203	1/2001	Sound walls no. 10, 13 and 14B at I-270, north of Butler Hill Road and south of Butler Hill Road (disc. sections). Sound abatement due to widening of I-270 and I-55.  <b>Reason(s):</b> The increase is due to the sound walls being expanded after the detailed sound study was completed.	\$1,063	\$2,229	109.69%
St Louis	55	6I1203B	1/2001	Sound walls no. 11, 15, 16, 17 and 8 (disc. sections) north of Lindbergh Blvd., south of Butler Hill Road, north of Meramec Bottom Road and east of Rte. 21. Sound abatement due to widening of I-55 and I-270.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,262	\$1,277	1.19%
St Louis	55	6I1504	9/2001	Grading, drainage, paving, lighting, fencing and signing to combine two commuter lots adjacent to southbound on-ramp at Reavis Barracks Road.  <b>Reason(s):</b> The decrease is due to less asphalt being needed than originally estimated.	\$559	\$429	-23.26%
St Louis	141	6S1447	10/2000	Relocate Meramec Station Road north of Rte. I-44 in Peerless Park. Funded from 6R0100A and 6R0100C.  <b>Reason(s):</b> The decrease is due to the project limits being reduced per the request from St. Louis County during construction.	\$664	\$445	-32.98%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Louis	141	6U0804	12/1997	Grading, drainage, 2-36' concrete pavements, retaining walls, sound walls, signals, signing and lighting from south of Rte. HH to Brittany Parkway. Relates to 6U0804B, C, E, F, G, I.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$43,782	\$43,147	-1.45%
St Louis	141	6U0804G	4/1999	Grading, paving, signals, lighting, retaining walls and sound walls from Howard George to north of Big Bend Road in St. Louis area. Project relates to 6U0804, B, C, E, F and I.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$10,564	\$11,298	6.95%
St Louis	170	6I1291	8/1998	Replace bridge over I-70 on Old Bonhomme Road.  <b>Reason(s):</b> The increase is due to conflicts with a large water main. The main was relocated; bridge footings and pilings were redesigned; and additional road and sidewalk reconstruction was required.	\$600	\$846	41.00%
St Louis	231	6U1066C	9/1999	Grading, drainage, paving and signals to widen to 5 lanes from Christopher Road to 0.1 mile south of Heintz Road in the St. Louis area.  <b>Reason(s):</b> The grading and drainage costs were less than anticipated.	\$4,830	\$4,141	-14.27%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Louis	270	6I0945B	3/1999	Resurfacing, rehabilitate 3 bridges, resurface rest area and slide repair from west of Bellefontaine to Chain of Rocks Bridge (2 disconnected sections).  <b>Reason(s):</b> The increase is due to higher bridge costs than the preliminary estimate.	\$4,996	\$7,127	42.65%
St Louis	270	6I1226	11/1996	Bridge repairs on westbound lanes of Chain of Rocks bridge at Mississippi River. Let by Illinois.  <b>Reason(s):</b> The actual bridge costs were higher than the estimate.	\$2,750	\$3,145	14.36%
St Louis	270	6I1301	9/2000	Pavement repair, coldmill and overlay existing pavement from I-64 to I-44.  <b>Reason(s):</b> Additional pavement repair was required due to deterioration than originally was estimated.	\$4,636	\$5,488	18.38%
St Louis	270	6I1522	6/2001	Asphalt paving of commuter parking lot in northeast corner of I-270 at Lilac Avenue interchange.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$99	\$92	-7.07%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Louis	340	6P1300	4/2001	Construct a closed loop system and 12 signals from River Valley Road to Coeur DeVille.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$354	\$378	6.78%
St Louis	340	6S1370	12/1998	Upgrade signals to actuated operation, controllers and detectors at 9 existing signalized intersections from west of Rte. 141 to west of Rte. I-270. \$100,000 MODOT funds for P.E. and C.E. on both projects.  <b>Reason(s):</b> Original estimate did not allow for significant work required at controllers to wire them in. Also, additional pull boxes and conduit were required.	\$159	\$266	67.30%
St Louis	340	6S1466	4/2001	Fiber optic signal interconnect for 15 signals from Rte. 100 to River Valley Drive. Let in combination with 6P1300.  <b>Reason(s):</b> The decrease is due to the reduced project scope.	\$1,899	\$814	-57.14%
St Louis	364	6U0803B	11/1999	Grading, retaining walls and drainage for Page Avenue extension from Creve Coeur Park to west of Bennington Place at Page Avenue. Project relates to 6U0803E, F, Q.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$59,772	\$58,743	-1.72%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Louis	367	6S1351C	6/2000	Signalize intersection south of Rte. I-270 at the Missouri Veterans Home.  <b>Reason(s):</b> The scope was increased to include skid resist overlay and special radio type signal interconnect.	\$149	\$218	46.31%
St Louis	Var	6I1524	6/2001	Pavement repair (3 disconnected sections) on Rtes. I-44 and I-255 in St. Louis County and Rte. 141 in St. Louis-Jefferson Counties. from Rte. 30 to Arnold Church Road. Funded from 6R0100 and 6R0100C.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$827	\$873	5.56%
St Louis	Var	6P1579	6/2002	Install guardrail, improve median radii and intersection striping at Rte. 30 @ Kennerly, Rte.30 and Rte.21 over I-270 and Rte. 141 @ Ridgewood School Rd.  <b>Reason(s):</b> Guardrail bid costs were more than originally estimated.	\$74	\$110	48.65%
St Louis	Var	6S1370B	12/1998	Upgrade signals to actuated operation, controllers and detectors at 7 signalized intersections on Rtes. HH and 100, St. Louis County and Rte. 61/67, Jefferson County. \$100,000 MODOT funds for P.E. and C.E. on both projects.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$210	\$226	7.62%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Louis	Var	6S1435	5/2002	Addition of signing and modification of existing striping for bicycle accommodations on multiple arterial routes in St. Louis County.  <b>Reason(s):</b> The decrease is due to the original scope reallocated across 3 projects (6S1433, 6S1434 and 6S1435). This project was only for bike accommodation signing.	\$776	\$159	-79.51%
St Louis	Var	6S1505	6/2001	Remove and replace damaged curbs, medians and median islands on Rte. 30 at Rte. 21, on Rte. I-55 at Reavis Barracks Road and on Rte. I-44 at Berry Road.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$194	\$207	6.70%
St Louis	Var	6X1342B	1/2001	Microsurfacing at six intersections on Rtes. 367, 267 and I-170.  <b>Reason(s):</b> The increase is due to one additional intersection that was added after the original scope.	\$203	\$226	11.33%
Barry	112	7S0735	8/2002	Install guardrail from 4.8 miles south of Rte. 76 to Rte. 112 Spur.  <b>Reason(s):</b> The value of the MoDOT-furnished guardrail was not included in the estimated cost but was captured in the completed cost.	\$50	\$65	30.00%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Bates	U	7S0558	2/2002	Strengthen bridge and replace deck on bridge over Walnut Creek 0.5 mile west of Rte. V.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$363	\$379	4.41%
Bates	U	7S0559	2/2002	Strengthen bridge and replace deck on bridge over Gillum Creek 0.5 mile east of Rte. V.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$312	\$340	8.97%
Bates	AA	7S0660	2/2002	Replace deck on bridge over branch of Mormon Creek 4.0 miles east of Rte. 18.  <b>Reason(s):</b> Complications during the construction phase of the project required additional work on the bridge deck.	\$247	\$359	45.34%
Jasper	44	7P0731C	11/2001	Microsurfacing from 1.5 miles east of Rte. 37 to 0.5 mile east of Jasper/Lawrence county line.  <b>Reason(s):</b> The district received economy-of-scale benefits from letting this project in combination with other similar projects. Also, as this was among the first such project in the district, there was limited information available on which to base estimates.	\$350	\$194	-44.57%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Jasper	71	7U0684C	7/2002	Demolish structures and other improvements on acquired right of way at the intersection of Rte. FF (32nd Street) in Joplin.  <b>Reason(s):</b> The district received economy-of-scale benefits from letting this project in combination with another similar project.	\$84	\$53	-36.90%
Jasper	171	7P0731D	11/2001	Microsurfacing from Rte. 43 to Business Rte. 71.  <b>Reason(s):</b> The district received economy-of-scale benefits from letting this project in combination with other similar projects. Also, as this was among the first such project in the district, there was limited information available on which to base estimates.	\$200	\$80	-60.00%
McDonald	71	7P0492C	9/1998	Bridges for 4-lane relocation from existing Rte. 71 south of Goodman to Rte. 76 near Anderson.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$9,781	\$9,991	2.15%
McDonald	71	7P0601K	7/2002	Demolish structures and other improvements from acquired right of way from 0.8 mile north of Rte. EE to 2.1 miles south of Pineville.  <b>Reason(s):</b> The extent of the needed demolition work was greater than was known at the time the estimate was developed.	\$69	\$122	76.81%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003



## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Newton	44	7P0731E	11/2001	Microsurfacing from Oklahoma State line to west of Business Rte. 71.  <b>Reason(s):</b> The district received economy-of-scale benefits from letting this project in combination with other similar projects. Also, as these were among the first such project in the district, there was limited information available on which to base estimates.	\$589	\$277	-52.97%
Newton	86	7U0384B	2/2001	Grading, paving and replace bridge over Shoal Creek from 0.7 mile south of I-44 to 1.4 miles south of I-44 in Joplin.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$3,834	\$4,170	8.76%
St Clair	13	7P0428D	2/2000	Bridge construction to add lanes for dual divided highway 0.4 mile north of Business Rte. 13 over Osage River.  <b>Reason(s):</b> The bids came in lower than expected, perhaps due to the competitive nature of the bidding; also, actual incidental costs were far lower than estimated.	\$5,216	\$4,584	-12.12%
Vernon	71	7P0731F	11/2001	Microsurfacing from Rte. 54 to Rte. K.  <b>Reason(s):</b> The district received economy-of-scale benefits from letting this project in combination with other similar projects. Also, as this was among the first such project in the district, there was limited information available on which to base estimates.	\$146	\$112	-23.29%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Christian	M	8S0673	5/2001	Grading and paving for widening two lanes and adding shoulders from Rte. 14 south 0.7 mile.  <b>Reason(s):</b> Cost of traffic control was greater than expected due to handling traffic over construction. Contractor was limited to working on one side at a time. More asphalt was required to adjust profile grade to provide for adequate grades for entrances.	\$519	\$839	61.66%
Christian	65	8P0453C	2/1999	Grading and bridges for dual lane facility from Woods Fork Road (South) to Taney County.  <b>Reason(s):</b> Project cost to complete was within +/-10 percent of estimate.	\$9,767	\$10,237	4.81%
Christian	65	8P0453E	3/2001	Demolition contract for removal of outdoor advertising sign from Project 8P0453B from south of Rte. EE to Taney County.  <b>Reason(s):</b> Project was let prior to all of the asbestos surveys being conducted and reported.	\$5	\$4	-20.00%
Christian	NN	8S0688	8/2001	Geometric improvements to align intersection, add turn lanes and signals at intersection with Rte. J.  <b>Reason(s):</b> Plans did not address the traffic control to allow Route NN to remain open during its construction. Therefore, a detour was constructed to allow the re-routing of traffic during this phase of construction on the existing Route NN roadway (east leg).	\$760	\$1,032	35.79%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Greene	44	8I0630	1/2001	Resurface 2-24' pavements (two disconnected sections) from 0.1 mile east of Pond Creek to 0.6 mile west of Rte. 266.  <b>Reason(s):</b> Asphalt and aggregate prices were greater than expected.	\$4,391	\$5,951	35.53%
Greene	44	8I0631	1/2001	Resurface 2-24' pavements (two disconnected sections) from Lawrence County to 0.1 mile west of Pond Creek bridge.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$5,282	\$5,408	2.39%
Greene	44	8U0544	6/2000	Grading and paving for widening to 5 lanes to provide center left turn lane and 4 driving lanes from Lulwood Ave. to College St. in Springfield. MODOT payback begins in SFY 2001.  <b>Reason(s):</b> More asphalt was used in construction due to the profile being raised throughout the entire length of the job.	\$3,718	\$4,881	31.28%
Greene	60	8P0680	1/2002	Lighting, signs and flashing lights 0.25 mile north of Rte. 65 at Burlington Northern & Santa Fe Railroad crossing on Rte. 60. 10% Mo Dept of Economic Development Motor Carrier & Rail Safety Funds (DOT 664 262R).  <b>Reason(s):</b> Due to the weight of the LED signs, a redesign was required of 2 extra posts for each advance warning sign. Also, additional conduit was installed.	\$246	\$390	58.54%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Greene	60	8P0692B	12/2002	Demolition of house and barn in Springfield at intersection of Glenstone with the James River Freeway. to be let in combination with 8P0452E and 8P0612B.  <b>Reason(s):</b> The demolition estimates are done using standard costs from historical data.	\$17	\$20	17.65%
Greene	60	8P0711	5/2002	Widen crossovers at three intersections; Route 60 @ Rtes. NN & J, Route 60 @ FR 193 and Route 60 @ FR 195. High Priority Safety Project  <b>Reason(s):</b> Base and surface materials were over-estimated.	\$500	\$440	-12.00%
Laclede	44	8I0708B	3/2002	Replace bridge and modify ramps to accommodate new bridge at the Rte. MM/Bus. Loop 44 interchange over I-44. Involves bridge L-723  <b>Reason(s):</b> This bridge was damaged in an accident and had to be fast-tracked for reconstruction. The costs were inflated to allow for additional expenses to get it rebuilt in a short timeframe. The bids came in much lower than anticipated.	\$6,396	\$4,632	-27.58%
Polk	C	8S0550	5/2002	Grading, paving and replace bridge over Brush Creek 1.0 mile east of Rte. P.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$867	\$903	4.15%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Polk	13	8P0592B	3/2001	Demolition contract from 1.1 miles north of Rte. 32 to 0.3 mile south of Rte. 83.  <b>Reason(s):</b> The project was let prior to all of the asbestos surveys being conducted and reported.	\$103	\$59	-42.72%
Polk	83	8S0693	6/2001	Grading and paving to provide right turn lanes and signals at Aldrich Road in Bolivar. City also providing 20% match for a total contribution of \$420,081.21.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$471	\$445	-5.52%
Stone	13	8P0452E	12/2002	Demolition of house and barn west side of Rte. 13, 1.4 miles north of Rte.76 in Branson West. to be let in combination with 8P0612B and 8P0692B  <b>Reason(s):</b> The demolition estimates are done using standard costs from historical data.	\$12	\$18	50.00%
Taney	65	8P0208C	3/2001	Demolition contract north of Rte. F interchange.  <b>Reason(s):</b> Project was let prior to all of the asbestos surveys being conducted and reported.	\$19	\$7	-63.16%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Taney	65	8P0454	9/1999	Paving additional 2 lanes and rehabilitate bridge over Bear Creek from Christian County to 0.8 mile north of Rte. 160. Related projects are 8P0454B, 8P0454C and 8P0454D.  <b>Reason(s):</b> Project cost to complete was within +/-10 percent of estimate.	\$9,024	\$8,643	-4.22%
Taney	65	8P0454B	12/1996	Grading, paving, interchanges and bridges from 0.8 mile north of Rte. 160 to 0.8 mile north of Rte. F.  <b>Reason(s):</b> Less class C rock was encountered than shown on the plans. A change in traffic control provided some reduction in overall cost.	\$25,799	\$22,501	-12.78%
Taney	65	8P0454D	9/1999	Paving additional 2 lanes and bridges from 0.8 mile north of Rte. 160 to 0.8 mile north of Rte. F.  <b>Reason(s):</b> Project cost to complete was within +/-10 percent of estimate.	\$3,465	\$3,529	1.85%
Taney	76	8P0694E	2/2002	Coldmill and resurface Rte. 76 (3 lanes) from Roark Valley Road to the Rte. 376 intersection in Branson.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$593	\$535	-9.78%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Taney	160	8P0612B	12/2002	Demolition of house 2 miles east of Rte 65 on south side of Rte. 160 in Walnut Shade. to be let in combination with 8P0452E and 8P0692B.  <b>Reason(s):</b> The demolition estimates are done using standard costs from historical data.	\$11	\$13	18.18%
Taney	465	8P0623D	3/2001	Demolition contract from Rte. 376 to Safari Road.  <b>Reason(s):</b> Project cost to complete was within +/-10 percent of estimate.	\$79	\$81	2.53%
Various	Var	8P0694D	4/2002	Epoxy seals on bridges in Hickory, Webster, Stone, Dallas and Wright counties.  <b>Reason(s):</b> This project was programmed in a relatively short timeframe. The original estimate was done with standard costs.	\$100	\$131	31.00%
Webster	44	8I0707	1/2002	Landscaping at spot locations along I-44 within the Marshfield city limits and on Rte. 38 between I-44 and Rte. CC. STP 9900 (803)  <b>Reason(s):</b> This project was programmed in a relatively short timeframe. The original estimate was done with standard costs.	\$87	\$45	-48.28%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Webster	44	8I0710	5/2002	Install traffic signals at the ramp terminals on both sides of the interchange (EB & WB lanes) at I-44 and Rte. 38 Project meets criteria for federal safety funds.  <b>Reason(s):</b> The original estimates were for contractor's construction costs, but MoDOT's maintenance crews ended up doing the work, cutting those costs considerably.	\$275	\$139	-49.45%
Webster	60	8P0705	1/2002	Coldmill and Resurface 1-24' pavement ( eastbound lanes) from 0.7 miles west of Rte. A (Diggins) to 0.3 miles west of Seymour.  <b>Reason(s):</b> Prices for asphalt and aggregate were far below what was expected. Also, grading the sub-grade was not as great as that indicated in the estimate.	\$4,175	\$2,644	-36.67%
Carter	B	9S0267	5/2001	Grading, paving and replace bridge over North Prong of the Little Black River 0.9 mile east of Rte. 21.  <b>Reason(s):</b> Bid prices for grading, base, concrete and mobilization were less than the estimate.	\$1,181	\$1,419	20.15%
Carter	60	9P0282	7/2000	Paving for 4 lane relocation from 4.6 miles west of Rte. 21 South to 1.1 miles east of Rte. 21 South.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$11,386	\$11,389	0.03%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

**MoDOT**



## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Carter	60	9P0282D	2/2000	Grading and drainage for 4 lane highway from 1.7 miles west of Rte. 21 North to 4.6 miles west of Rte. 21 South.  <b>Reason(s):</b> The grading bids came in 20 percent under the estimate. The paved ditch amount was reduced, and the seeding and mulching came in 40 percent under.	\$8,652	\$7,399	-14.48%
Crawford	M	9S0392	5/2002	Grading, paving and replace bridge over Perkins Creek 0.2 mile south of Rte. U.  <b>Reason(s):</b> The bridge design changed from span bridge to reinforced concrete box. The bridge costs were reduced.	\$775	\$462	-40.39%
Crawford	19	6P0571B	7/1999	Grading and replacing bridge over Meramec River from 2.0 miles south of Cuba to north of Steelville.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$12,008	\$11,428	-4.83%
Crawford	44	9I0508	5/2002	1-3/4" high type thin lift overlay to the eastbound lane on I-44 eastbound lanes from .5 miles west of Rte. H to Rte. N. Funding from the Infrastructure Investment Pool.  <b>Reason(s):</b> Asphalt and traffic control prices came in under the estimate.	\$726	\$508	-30.03%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Howell	63	9P0502	1/2002	Grading, drainage, paving and signals for widening to 3 lanes at intersection of Business Rte. 63 South and Rte. 63 South in West Plains.  <b>Reason(s):</b> Concrete pavement bids came in 40 percent under the estimate.	\$502	\$370	-26.29%
Howell	63	9P0504	7/2001	Landscaping at Rte. 63 and North Business 63 interchange in West Plains.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$178	\$164	-7.87%
Howell	63	9U0366B	7/2000	Grading and paving for 5 lane urban section on Rtes. 63 and 160 and signals at Rtes. 63 and 160 in West Plains. Remainder from dist operations and Traffic. Project relates to 9U0366.  <b>Reason(s):</b> There was a scope change resulting in a parallel outer road and concrete retaining wall to be constructed. The removal of improvements came in higher than the estimate.	\$7,410	\$9,108	22.91%
Oregon	63	9P0503	12/2001	Diamond grind surfacing, add asphalt shoulders, replace median and install wire for future lighting from Rte. 19 north junction to Arkansas State line. Partially funded with Enhancement Funds under STP  <b>Reason(s):</b> Upon further inspection, pavement repair was reduced by 70 percent. Asphalt limits were reduced and diamond grinding bids were 35 percent under the program.	\$2,808	\$1,998	-28.85%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Oregon	99	9S0274	7/2001	Grading, 24' pavement and replace bridges over Eleven Point and Middle Fork Rivers 0.9 mile north of Rte. 160 at Thomasville.  <b>Reason(s):</b> The bridge bids came in 22 percent higher than the programmed estimate.	\$3,852	\$4,340	12.67%
Phelps	44	9P0505B	3/2002	26' wide ultra thin bonded wearing course I-44 eastbound lanes from east of Rte. 63 at Rolla to west of Rte. 63 at St. James.  <b>Reason(s):</b> Asphalt bids came in much lower than the previous estimates.	\$750	\$414	-44.80%
Phelps	63	9P0498	1/2002	Coldmilling and resurfacing, including I-44 ramps with shoulders and intersection improvements from 0.6 mile north of Rte. I-44 to Rte. 72 in Rolla.  <b>Reason(s):</b> The pavement bids came in approximately 20 percent under the estimate.	\$2,263	\$1,816	-19.75%
Pulaski	44	9I0481	5/1999	Construct Rte. Y off ramp and signalize ramp intersection at Rte. Y and Missouri Avenue in St. Robert. \$715,000 transferred from district operations budget to R/W and Construction Program.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,450	\$1,541	6.28%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Pulaski	44	9I0481B	5/1999	Relocate business loop and north outer road and signalize outer road and business loop intersections at Missouri Avenue in St. Robert. \$298,000 from district operations and \$200,000 from Traffic Division transferred to R/W & Const Program.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,541	\$1,595	3.50%
Ripley	142	9S0496	4/2002	Grading, paving and replace bridge over Middle Fork Creek 0.8 mile east of Rte. Z.  <b>Reason(s):</b> Construction surveying was added to the contract. The bids for mobilization came in over the estimate and the grading bids came in approximately 70 percent over.	\$760	\$893	17.50%
Various	Var	9P0505C	3/2002	Epoxy polymer concrete overlays of bridge decks Howell-17 ; Douglas-AP; Washington-A; Phelps-BB; Ripley-P, DD & 160; Texas-63, W & AE. This project funded from 9P0505.  <b>Reason(s):</b> Epoxy polymer surfacing bids came in lower than the previous estimates.	\$400	\$293	-26.75%
Washington	8	9P0495	2/2002	Grading, paving and replace bridge over Mine Au Breton Creek 0.1 mile east of Rte. 185.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,264	\$1,295	2.45%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Washington	8	9P0499	2/2002	Coldmilling, resurfacing and signal from Rte. 185 east junction, east 1.7 miles.  <b>Reason(s):</b> The mobilization coldmilling bids came in over the estimate	\$149	\$209	40.27%
Washington	F	9S0446	5/2002	Replace bridge over Mineral Fork 7.8 miles north of Rte. 185.  <b>Reason(s):</b> The project limits were lengthened to address substandard geometrics. The grading and the paving costs increased.	\$1,119	\$1,599	42.90%
Washington	N	9S0493	5/2002	Grading, paving and replace bridge over Brazil Creek 0.3 mile east of Crawford County line.  <b>Reason(s):</b> A temporary bypass was eliminated thus reducing cost of the bypass and reducing costs of staged construction.	\$1,462	\$904	-38.17%
Washington	47	9P0443	11/2000	Replace bridge over Old Mines Creek, realign 1.1 miles of Rte. 47 and improve Rtes. 47 and 21 intersection 0.7 mile west of Rte. 21.  <b>Reason(s):</b> Bids for removal of improvements, asphalt, bridge and mobilization came in higher than the previous estimates.	\$3,731	\$4,194	12.41%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Butler	FF	0S0610	4/2001	Replace bridges over Inter River Drainage Ditch No. 16 from 2.9 miles south of Rte. 51 to 0.1 mile north of Rte. CC.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$770	\$713	-7.40%
Butler	PP	0S0864	4/2002	Grading, stablized shoulders 0.3 mi. east of Rte. 67 relocation to existing Pike Creek Bridge.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$325	\$300	-7.69%
Cape Girarde	55	0I0550	7/2000	Grading and paving for ramps and outer roads 0.3 mile west of and 0.3 mile east of Interstate 55 bridge.  <b>Reason(s):</b> Class C material was encountered during construction creating additional work not originally anticipated.	\$2,565	\$3,191	24.41%
Dunklin	NN	0S0629	2/2001	Replace bridges over Drainage Ditch No. 78 and Elk Chute Ditch 0.5 and 0.8 mile south of Rte. UU.  <b>Reason(s):</b> Contractor furnished type F barrier was required to complete the project, but was not originally anticipated.	\$1,426	\$1,731	21.39%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Madison	67	0P0562	1/2001	Paving for new 4 lane divided highway west of Fredericktown from Rte. 72 to 1.4 miles south of Rte. E at Mill Creek.  <b>Reason(s):</b> It was necessary to perform fine-grading and shaping of the existing roadbed before paving operations could begin. This subgrading and shouldering was not originally anticipated.	\$7,670	\$9,014	17.52%
New Madrid	60	0P0821	6/2001	Lane additions for acceleration and deceleration at Harlene Street in Sikeston.  <b>Reason(s):</b> Pay items were estimated high because of contractor restrictions. The contractor bid low and received better concrete pavement bids.	\$1,438	\$1,284	-10.71%
Pemiscot	D	0S0644	4/2001	Grading, paving and replace bridge 0.6 mile north of Rte. 164.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,497	\$1,495	-0.13%
Pemiscot	55	0I0809	9/2000	Pavement repair and shoulder replacement (northbound and southbound lanes) from New Madrid County line to Rte. 84.  <b>Reason(s):</b> The length of the project was modified based on the condition of the pavement.	\$4,372	\$3,162	-27.68%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Pemiscot	412	0P0035D	4/2001	Grading for 4 lane highway from west of Hayti Heights southeast to South Pemiscot Street.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$2,314	\$2,343	1.25%
Pemiscot	412	0P0035E	1/2001	Bridges over Burlington Northern Railroad 0.4 mile west of Interstate Rte. 55. Involves bridges A6185 and A6186  <b>Reason(s):</b> Additional grading was necessary due to extreme embankment settlement.	\$2,278	\$2,890	26.87%
Pemiscot	412	0P0600B	10/2000	Grading and bridges for 4 new lanes on part and 2 added lanes on part from Rte. B/Z to 2.3 miles west of Rte. P. Involves brs over drainage ditches 12 & 8. A6130  <b>Reason(s):</b> Lower than expected unit bid prices on excavation pay items led to overall project cost savings.	\$2,884	\$2,172	-24.69%
Pemiscot	412	0P0600C	2/2000	Grading to add lanes from 0.3 mile west of county road 287 west to Rte. B/Z.  <b>Reason(s):</b> Staged construction has required moving work items to a subsequent contract.	\$8,569	\$4,527	-47.17%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003



## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Perry	M	OS0656	4/2002	Grading, paving and replace bridge over Falls Branch 2.0 miles south of Rte. H.  <b>Reason(s):</b> The bridge girder depth required an increase in the profile grade to obtain high-water clearance. This change in the profile grade increased the project limits.	\$660	\$989	49.85%
Scott	HH	OS0773	10/1998	Grading, paving and bridge for interchange at I-55 and an 0.8 mile extension of Rte. HH from Rte. H east to Rte. I-55 in Sikeston. Involves bridge A5884 Economic development of Sikeston Industrial Park for Breyer Good Humor creating 150 jobs.  <b>Reason(s):</b> Restrictions were placed on certain activities in the contract to help minimize the impact to motorists. These restrictions were not originally anticipated and led to higher project costs.	\$5,210	\$5,925	13.72%
St Francois	U	OS0685	4/2001	Replace existing bridge over Dry Creek with new box culvert 0.7 mile west of Rte. BB.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$892	\$877	-1.68%
St Francois	32	OP0679	2/2000	Replace bridge over Wolf Creek 1.8 miles east of Rte. OO and Rte. W near Farmington.  <b>Reason(s):</b> The estimate for the bridges was higher than the bid amount.	\$1,895	\$1,492	-21.27%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
St Francois	32	0P0680	4/2001	Relocate existing Rte. 32 from High Street to Municipal Drive 0.4 mile west of Business Rte. 67 in Park Hills. City of Park Hills providing \$15,000. Let in combination with OS0685.  <b>Reason(s):</b> This project had no major work items only numerous minor items and quantities. The result was higher prices for each minor bid item and a higher total bid.	\$681	\$832	22.17%
St Francois	67	0P0591E	6/2001	Demolition and asbestos removal from 1.1 miles to 2.1 miles south of Rte. 8.  <b>Reason(s):</b> The contractor was able to offset demolition costs through the resale of the building structures.	\$181	\$103	-43.09%
St Francois	67	0P0592	3/2000	Grading, paving and bridges A6065 on Rte. 67 at Rte. 32 in Farmington.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$6,482	\$6,774	4.50%
Ste Geneviev	55	0P0844C	6/2002	Diamond grind southbound lane from Jefferson County line to Rte. 32. This project split from 0P0844.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$1,041	\$1,048	0.67%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
Stoddard	D	OS0397	2/2001	Grading, 1-24' pavement and replace bridges over Main Ditch, Lateral No. 2 and No. 3 from 0.5 mile east of Rte. 25 to 1.7 miles east of Rte. 25.  <b>Reason(s):</b> New design criteria for bridge structures caused an increase in bridge costs and led to the overall increase in project cost.	\$1,123	\$1,445	28.67%
Stoddard	25	OP0800	1/2001	Coldmill and resurface from 0.7 mile south of Rte. AF to 1.4 miles north of Rte. Z.  <b>Reason(s):</b> An increase in the pavement thickness was necessary to provide adequate structural support. In addition, superpave asphalt was a new technology, contributing to higher bid prices.	\$1,835	\$2,403	30.95%
Stoddard	60	OP0838	11/2001	Build cross-overs to north and south outer roads, widen shoulders on Rte. 60 for acceleration and deceleration lanes 1700' east of existing Rte. 60 & 51 interchange.  <b>Reason(s):</b> Higher than anticipated bid prices resulted from a short notice to proceed, winter-working conditions, and the small quantities involved.	\$278	\$471	69.42%
Wayne	67	OP0708	11/2001	Replace bridge over Widows Creek 2.6 miles south of Rte. F.  <b>Reason(s):</b> There was a small amount of concrete pavement on the project. The unit bid price on this small quantity produced bids higher than estimated.	\$1,588	\$1,953	22.98%

Note: Estimates include actual right of way spent for jobs without programmed right of way.

10/8/2003

## Program Estimates Compared to Costs of Projects Completed in SFY 2003

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	Percent Difference
<b>Grand Total</b>					<b>\$778,417</b>	<b>\$791,884</b>	<b>2%</b>

NOTE: MoDOT received informaton on the following projects "let by others" that have been completed: Project 1S0745 completed 4/1/2001, 5S0758 completed 2/14/2002, 6P1225 completed 6/6/1997 and 6I1226 completed 4/14/1997.

Estimate: Estimate is the sum of preliminary engineering, construction estimate, construction engineering, construction contingencies, right of way incidentals, right of way acquired, utilities and noncontractual costs.

Cost to Complete: Cost to complete is the actual cost spent on a project consisting of preliminary engineering, construction engineering, right of way incidentals and construction.

NOTE: This total has been reconciled to the financial statements prepared in conformity with accounting principles generally accepted in the United States of America. These financial statements have been audited by KPMG.

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 Report: Rpt quarterly to District with Details - Est Cost no details Tables: T:\Planning\History\Endsfy03\Alljobsendsfy03 (parent) Cnststap072203 Plan0603 T:\Planning\STAP\Data\Reasons