

# Highway Rail Safety Projects

## Program Estimates Compared to Costs of Projects Completed in SFY 2004

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	% Difference
Carroll	Var	2T0012	7/2003	Install active warning devices at County Road 307 (DOT # 005 302U) Burlington Northern Santa Fe near Carrollton.	\$174	\$174	0.00%
			<b>Reason(s):</b>	The project cost to complete was within +/- 10 percent of the estimate.			
Audrain		3T0009	4/2003	Upgrade the active warning devices at Morris Street (DOT # 293 344W) Kansas City Southern Railway Co. in Mexico.	\$158	\$201	27.22%
			<b>Reason(s):</b>	The cost estimate deviated from actual costs due to scope changes and redesign.			
Audrain	Var	3T0013	4/2003	Upgrade the active warning devices at Morris Street (DOT # 483 643D) Norfolk Southern Railway Co. in Mexico.	\$184	\$184	0.00%
			<b>Reason(s):</b>	The project cost to complete was within +/- 10 percent of the estimate.			
Audrain	Var	3T0022	9/2003	Install active warning devices at County Road 957/Moonglow Road (DOT # 483 650N) Norfolk Southern Railway Co. near Thompson.	\$118	\$118	0.00%
			<b>Reason(s):</b>	The project cost to complete was within +/- 10 percent of the estimate.			

# Highway Rail Safety Projects

## Program Estimates Compared to Costs of Projects Completed in SFY 2004

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	% Difference
Audrain	Var	3T0023	9/2003	Installing active warning devices County Road 957 (DOT# 293 351G) Kansas City Southern Railway Co. near Thompson.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$176	\$179	1.70%
Clark	Var	3T0015	1/2004	Install active warning devices at Santa Fe Street (DOT # 005 014A) Burlington Northern Santa Fe near Medill.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$251	\$251	0.00%
Cass	Var	4T0026	10/2003	Install active warning devices at Shimel Street (DOT # 442 003R) UP near Strasburg.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$177	\$177	0.00%
Clay	Var	4T0010	9/2003	Upgrading active warning devices at Italian Way (DOT # 375 400C) Iowa Chicago & Eastern Railroad Co. in Excelsior Springs.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$184	\$202	9.78%

# Highway Rail Safety Projects

## Program Estimates Compared to Costs of Projects Completed in SFY 2004

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	% Difference
Clay	Var	4T0011	2/2004	Upgrading active warning devices at Salem Road (DOT # 375 442R) Iowa Chicago & Eastern Railroad Co. near Excelsior Springs.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$178	\$178	0.00%
Clay	Var	4T0012	3/2004	Install active warning devices at 174th Street (DOT # 375 445L) near Lawson.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$160	\$160	0.00%
Jackson	7	4T0018	7/2003	Upgrade the active warning devices at Missouri Rte. 7 (DOT # 442 281G) Union Pacific in Independence.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$243	\$263	8.23%
Jackson	Var	4T0013	10/2003	Install active warning devices at Clinton Street (DOT # 293 572J) Kansas City Southern Railway Co. in Oak Grove.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$169	\$169	0.00%

# Highway Rail Safety Projects

## Program Estimates Compared to Costs of Projects Completed in SFY 2004

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	% Difference
Jackson	Var	4T0017	8/2003	Upgrade the active warning devices at 35th Street (DOT # 441 948K) Union Pacific in Independence.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$242	\$242	0.00%
Jackson	Var	4T0020	10/2003	Upgrade the active warning devices at Salem Street (DOT # 914 181H) Kansas City Southern Railway Co. in Oak Grove.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$169	\$169	0.00%
Ray	Var	4T0024	3/2004	Upgrading active warning devices at Moss Street (DOT # 375 446T) Iowa Chicago & Eastern Railroad Co. in Lawson.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$203	\$203	0.00%
Ray	Var	4T0027	7/2003	Install active warning devices at County Road 320/Sportsman Road (DOT # 005 347B) Burlington Northern Santa Fe near Camden.  <b>Reason(s):</b> The cost estimate deviated from the actual costs due to recent decreases in market prices for project components.	\$187	\$119	-36.36%

# Highway Rail Safety Projects

## Program Estimates Compared to Costs of Projects Completed in SFY 2004

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	% Difference
Cooper	Var	5T0009	7/2003	Install active warning devices at Game Drive (DOT # 442 168N) Union Pacific near Otterville.	\$147	\$116	-21.09%
			<b>Reason(s):</b>	The cost estimate deviated from the actual costs due to performing projects in combination.			
Moniteau	Var	5T0010	8/2003	Install active warning devices at Tower Road (DOT # 442 187T) UP near Tipton.	\$169	\$162	-4.14%
			<b>Reason(s):</b>	The project cost to complete was within +/- 10 percent of the estimate.			
Pettis	Var	5T0011	8/2003	Install active warning devices at East Prairie Grove Street (DOT # 442 086G) UP near Knob Noster.	\$177	\$110	-37.85%
			<b>Reason(s):</b>	The cost estimate deviated from the actual costs due to performing projects in combination.			
St Charles		6T0012	7/2003	Build grade separation overpass at T.R. Hughes Blvd. (DOT#917 024A) Norfolk Southern in O'Fallon.	\$1,000	\$1,000	0.00%
			<b>Reason(s):</b>	The project cost to complete was within +/- 10 percent of the estimate.			

# Highway Rail Safety Projects

## Program Estimates Compared to Costs of Projects Completed in SFY 2004

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	% Difference
Barton	KK	7T0022	7/2003	Upgrade active warning devices at Rte. KK (DOT# 669 001H) Burlington Northern and Santa Fe in Lamar.  <b>Reason(s):</b> The cost estimate deviated from the actual costs due to recent decreases in market prices for project components.	\$198	\$175	-11.62%
Jasper	96	7T0034	3/2003	Upgrade the active warning devices at Missouri Rte. 96 (DOT # 330 031J) Kansas City Southern Railway Co. near Waco.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$205	\$224	9.27%
McDonald	Var	7T0035	3/2003	Install active warning devices at Mill Road (DOT # 330 157R) Kansas City Southern Railway Co. in Anderson.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$216	\$216	0.00%
Greene	Var	8T0006	11/2003	Installing active warning devices at Scenic Avenue (DOT# 445 056A) Missouri and Northern Arkansas Railroad Company in  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$165	\$165	0.00%

# Highway Rail Safety Projects

## Program Estimates Compared to Costs of Projects Completed in SFY 2004

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	% Difference
Wright	Var	8T0009	12/2003	Upgrade active warning devices at High St. (DOT# 667 700B) Burlington Northern and Santa Fe in Mountain Grove.  <b>Reason(s):</b> The cost estimate deviated from the actual costs due to scope changes and redesigns.	\$161	\$195	21.12%
Howell	N	9T0011	7/2003	Upgrade active warning devices at Rte. N (DOT # 667 845M) Burlington Northern and Santa Fe in Pomona.  <b>Reason(s):</b> The project cost to complete was within +/- 10 percent of the estimate.	\$133	\$121	-9.02%
Scott	Var	0T0017	7/2003	Install active warning devices at County Road 204 (DOT # 789 133Y) Union Pacific near Scott City.  <b>Reason(s):</b> The cost estimate deviated from actual costs due to recent dereases in market prices for project components.	\$168	\$139	-17.26%
Stoddard	Var	0T0015	8/2003	Scoping for installing active warning devices at County Road 340 (DOT # 789 073S) Union Pacific near Bell City.  <b>Reason(s):</b> The cost estimate deviated from actual costs due to scope changes and redesign.	\$146	\$171	17.12%

# **Highway Rail Safety Projects** **Program Estimates Compared to Costs of Projects Completed in SFY 2004**

**RSMo.21.795.3.(6)**

*(Dollars in Thousands)*

County	Route	Job Number	SFY Award Date	Description of Improvement / Location	Estimate	Cost to Complete	% Difference
Number of Projects		28		Grand Total	\$5,858	\$5,783	-1.28%

Estimate: The sum of preliminary engineering, construction estimate, construction engineering, construction contingencies, right of way incidentals, right of way acquired, utilities and noncontractual costs. This is from the EST\_TOT field in the Alljobtn.dbf.

Cost to Complete: The ACTUAL cost spent on a project consisting of the construction, construction engineering, preliminary engineering (internal and external), right of way incidentals, utilities and noncontractuals. This is from the TOTAL field in the Planning.dbf file.

T:\Planning\otpm\Reports\Accountability\2004\Prog Est Comp to Costs of Proj Comp.mdb; Query: qry Prog Est Comp to Cost Proj Compl 2004 T projects  
 Report: Rpt Prog est vs Proj costs T projects; Tables: Alljobtn (parent), Cnststap0604, Plan0604 (Table: Tbl Completed SFY 2004 - Rail)