

Kiamichi Service Improvement Projects - Ashdown Sub MP 752-702						Oklahoma Projects MP 700-751 // Arkansas Projects MP 751-756
Project	Units	Quantity	Unit Cost	Labor	Total Costs	Service Benefits
OOF Rail Relay	lin. ft	151,940	\$57.62	\$2,149,951.00	\$8,754,559	Relay 90/40# 1918 vintage rail with 115# between Ft Townson and Valinat OK to handle additional traffic from Weyerhauser and unit trains from AshGrove
Spot Rail Relays	lin. ft	10,560	\$57.62	\$149,424.00	\$608,452	Relay curve, DQE interchange and shipper connections to handle additional unit train traffic from AshGrove and Valant Paper
Arkinda Siding Ext	lin. ft	4,500	\$229.33	\$399,890.00	\$1,032,002	Extend and upgrade Arkinda siding handling/ staging of AshGrove Cement unit trains
Arkco Lead Relay	lin. ft	24,288	\$62.06	\$439,185.00	\$1,507,308	Required to handle AshGrove Cement unit trains
Install Cross Ties	Each	25,420	\$70.11	\$577,034.00	\$1,782,157	Improve track intergrety to handle additional unit train and interchange tonnage
Install Cross Ties	Each	8,380	\$70.11	\$190,226.00	\$587,509	Improve track intergrety to handle additional unit train and interchange tonnage
Ballast//Surfacing	Miles	9.3	\$21,106.34	\$196,289.00	\$196,289	Improve track intergrety to handle additional unit train and interchange tonnage
Ballast//Surfacing	Miles	41	\$21,106.34	\$865,360.00	\$865,360	Improve track intergrety to handle additional unit train and interchange tonnage
Road Crossings 45 ea	TrkFt	792	\$624.69	\$227,058.00	\$494,757	Improve track intergrety to handle additional unit train and interchange tonnage
Road Crossings 12 ea	TrkFt	448	\$624.69	\$128,437.00	\$279,862	Improve track intergrety to handle additional unit train and interchange tonnage
Bridge Up grades	Each	1	NA	\$7,500.00	\$25,000	Improve track intergrety to handle additional unit train and interchange tonnage
Bridge Up grades	Each	13	NA	\$125,850.00	\$419,500	Improve track intergrety to handle additional unit train and interchange tonnage
KRRR Total					\$16,552,755	

Totals by State	
Arkansas	\$4,236,423
Oklahoma	\$12,316,333
Total	\$16,552,755

**DGNO Summary of Improvements to McKinney Sub to accommodate 286K loadings and increased volume
State of Texas**

Improvement	Total Cost	Material Quantities	Man Hours*	Labor Cost
Rail Joint Elimination	\$186,228	350 Welds	3,685	\$112,770
Cross Tie Renewals	\$1,913,089	25700 Ties	19,763	\$604,778
Track Surfacing	\$208,725	30 Miles	7,477	\$228,813
Ballast for Surfacing	\$423,175	15,000 Tons	2,064	\$63,175
Turnout Up Grades	\$420,903	5, #10 Turnouts	2,696	\$82,500
Bridge Up Grades	\$452,000	10 Structures	4,431	\$135,600
		Man Hours	40,116	\$1,227,636
Totals	\$3,604,120			

* \$30.60 per hour used as average wage with additives

**DGNO Sherman-Greenville, Sherman-Garland 286K Up Grades for Lattimore and Fritz Industry Traffic Improvements.
State of Texas**

Project	Total Cost	Material Quantities	Man Hours*	Labor Cost
Rail Improvements	\$762,075	17,800 LF	5,115	\$156,530
Tie Renewals	\$6,479,010	91,800 Ties	66,805	\$2,044,244
Track Surfacing	\$386,354	91 miles	12,626	\$386,354
Ballast for Surfacing	\$223,200	9,300 Tons	2,095	\$64,111
Turnout Renewals	\$340,593	4, #10 Turnouts	874	\$52,680
		Total Man Hours	87,515	\$2,703,919
Total	\$8,191,231			

* \$30.60 per man hour used as average wage with additives

Kiamichi Service Improvement Projects

Ashdown Sub. MP 752-702 - Reduced Scope Option

Project	Costs	Manhours	Service Benefits
Spot Rail Relays	\$4,672,892	37,208	Relay curve, DQE interchange and shipper connections to handle additional unit train traffic from AGC
Arkinda Siding Ext	\$920,158	3,380	Extend and upgrade Arkinda siding handling/ staging of AshGrove Cement unit trains
Arco Lead Relay	\$1,256,304	11,287	Required to handle AshGrove Cement unit trains
Install Cross Ties	\$2,074,505	23,314	Improve track integrity to handle additional unit train and interchange tonnage
Ballast//Surfacing	\$1,061,649	8,094	Improve track integrity to handle additional unit train and interchange tonnage
Road Crossings	\$551,257	7,290	Improve track integrity to handle additional unit train and interchange tonnage
Bridge Up grades	\$444,500	5,000	Improve track integrity to handle additional unit train and interchange tonnage

KRRR Total

\$10,981,26795,573 manhours