

COUNTY OF LEAVENWORTH

Department of Public Works

300 Walnut, Suite 007
Leavenworth, Kansas 66048-2815
Phone (913) 684-0470
Fax (913) 684-0473

October 14, 2015

To: Residents of the 179th Street Road Improvement Benefit District

Re: Road Improvement Benefit District for the unimproved segment of 179th Street between Leavenworth Road and Donahoo Road

Dear Resident,

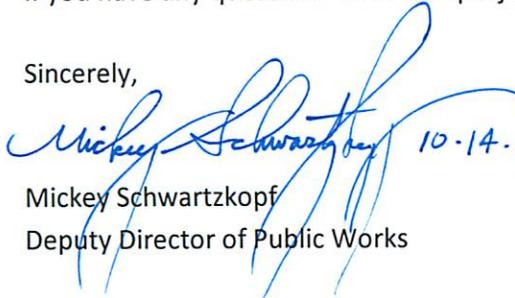
On Monday October 19, 2015 at 9:30am, the Leavenworth County Board of Commissioners will convene an informational meeting for the Road Improvement Benefit District for the unimproved segment of 179th Street between Leavenworth Road and Donahoo Road. Enclosed with this cover letter are preliminary cost estimates for three (3) possible funding scenarios.

A documents folder on the Leavenworth County Website at

<http://www.leavenworthcounty.org/pw/documents/Benefit%20Districts/179th%20Street%20%28Leavenworth%20Road%20to%20Donahoo%20Road%29/> has been created that contains digital copies of information related to the project.

If you have any questions about the project, please feel free to contact the Public Works Office at 913-684-0470.

Sincerely,

 10-14-15
Mickey Schwartzkopf
Deputy Director of Public Works

179th Street (from Donahoo Road to Leavenworth Road)

Cost estimate for road improvement benefit district - Based on recent projects in which the BOCC provided professional design servi

9/28/2015

3600 Linear Feet	80 road easement width
24 ' width	8 "depth
86400 s.f.	
9600.00 s.y.	57600.00 ft ³

Material Cost Data		Unit Cost*	Appl. Rates	Quantity	Cost
AB-3	Ton	\$15.00	170 lb/ft3	4896.00 ton	\$73,440.00
MC-250	gal	\$2.67	0.35 gal/s.y.	3360.00 gal	\$8,971.20
MC-800	gal	\$2.77	0.3 gal/s.y.	2880.00 gal	\$7,977.60
MC-3000	gal	\$2.77	0.3 gal/s.y.	2880.00 gal	\$7,977.60
CM-K	ton (3 Coats)	\$12.00	30 lbs/s.y.	432.00 ton	\$5,184.00
Engineering surveying	ea	\$0.00		1.00 ea	\$0.00
Construction surveying	ea	\$0.00		1.00 ea	\$0.00
Warning Siren relocation	ea	\$10,000.00		1.00 ea	\$10,000.00
Trees	ea	\$250.00		35.00 ea	\$8,750.00
Easements (Right-of-Way)	acres	\$10,000.00		4.96 acres	\$49,586.78
Private improvements	ea	\$500.00		3.00 ea	\$1,500.00
Engineering	lump sum	\$0.00		1.00 lump sum	\$0.00
Equipment	l.f.	\$0.00		3600.00 l.f.	\$0.00
Labor	l.f.	\$0.00		3600.00 l.f.	\$0.00
livestock fence + gate	l.f.	\$7.00		1850.00 l.f.	\$14,950.00
seed	acres	\$800.00		4.96 acres	\$3,966.94
mulch (bales)	ea	\$20.00	5 bales/acre	24.79 bales	\$495.87
mailboxes	ea	\$200.00		16.00 ea	\$3,200.00
lamp post relocation	ea	\$1,000.00		0.00 ea	\$0.00
utility relocation (GAS LINE)	l.f.	\$50.00		0.00 l.f.	\$0.00
utility relocation (COMM LINE)	l.f.	\$5.00		3600.00 l.f.	\$9,000.00
utility relocation (WATER LINE)	l.f.	\$10.00		3600.00 l.f.	\$18,000.00
utility relocation (POWER LINE)	l.f.	\$15.00		3600.00 l.f.	\$27,000.00
Driveway culverts	ea	\$330.00		20.00 ea	\$6,600.00
Cross-road culverts	ea	\$1,000.00		2.00 ea	\$2,000.00
Culvert end-sections	ea	\$500.00		4.00 ea	\$2,000.00
erosion control material	lump sum	\$20,000.00		1.00 lump sum	\$20,000.00
riprap	sq.yd.	\$25.00		35.00 sq.yd.	\$875.00
Sub-Total					\$281,474.99
Contingency (15%)					\$42,221.25
Total					\$323,696.23
Per foot (total)					\$89.92

179th Street (from Donahoo Road to Leavenworth Road)

Cost estimate for road improvement benefit district - **Based on 50% maximum LVCO cost contribution per BOCC Charter Resolution 1**

9/28/2015

3600 Linear Feet	80 road easement width
24 ' width	8 "depth
86400 s.f.	
9600.00 s.y.	57600.00 ft ³

Material Cost Data	Unit Cost*	Appl. Rates	Quantity	Cost	
AB-3	Ton	\$15.00	170 lb/ft3	4896.00 ton	\$73,440.00
MC-250	gal	\$2.67	0.35 gal/s.y.	3360.00 gal	\$8,971.20
MC-800	gal	\$2.77	0.3 gal/s.y.	2880.00 gal	\$7,977.60
MC-3000	gal	\$2.77	0.3 gal/s.y.	2880.00 gal	\$7,977.60
CM-K	ton (3 Coats)	\$12.00	30 lbs/s.y.	432.00 ton	\$5,184.00
Engineering surveying	ea	\$8,500.00		1.00 ea	\$8,500.00
Construction surveying	ea	\$5,000.00		1.00 ea	\$5,000.00
Warning Siren relocation	ea	\$10,000.00		1.00 ea	\$10,000.00
Trees	ea	\$250.00		35.00 ea	\$8,750.00
Easements (Right-of-Way)	acres	\$10,000.00		4.96 acres	\$49,586.78
Private improvements	ea	\$500.00		3.00 ea	\$1,500.00
Engineering	lump sum	\$30,000.00		1.00 lump sum	\$30,000.00
Equipment	l.f.	\$30.00		3600.00 l.f.	\$108,000.00
Labor	l.f.	\$12.00		3600.00 l.f.	\$43,200.00
livestock fence + gate	l.f.	\$7.00		1850.00 l.f.	\$14,950.00
seed	acres	\$800.00		4.96 acres	\$3,966.94
mulch (bales)	ea	\$20.00	5 bales/acre	24.79 bales	\$495.87
mailboxes	ea	\$200.00		16.00 ea	\$3,200.00
lamp post relocation	ea	\$1,000.00		0.00 ea	\$0.00
utility relocation (GAS LINE)	l.f.	\$50.00		0.00 l.f.	\$0.00
utility relocation (COMM LINE)	l.f.	\$5.00		3600.00 l.f.	\$9,000.00
utility relocation (WATER LINE)	l.f.	\$10.00		3600.00 l.f.	\$18,000.00
utility relocation (POWER LINE)	l.f.	\$15.00		3600.00 l.f.	\$27,000.00
Driveway culverts	ea	\$330.00		20.00 ea	\$6,600.00
Cross-road culverts	ea	\$1,000.00		2.00 ea	\$2,000.00
Culvert end-sections	ea	\$500.00		4.00 ea	\$2,000.00
erosion control material	lump sum	\$20,000.00		1.00 lump sum	\$20,000.00
riprap	sq.yd.	\$25.00		35.00 sq.yd.	\$875.00
				Sub-Total 1	\$476,174.99
				Contingency (15%)	\$71,426.25
				Total	\$547,601.23
				50% County Contribution	\$273,800.62
				50% Landowner Contribution	\$273,800.62
				Per foot (total)	\$152.11

179th Street (from Donahoo Road to Leavenworth Road)

Cost estimate for road improvement benefit district - **Based on 100% landowner cost responsibility.**

9/24/2015

3600 Linear Feet	80 road easement width
24' width	8" depth
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9600.00 s.y.	57600.00 ft ³

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lamp post relocation	ea	\$1,000.00		0.00 ea	\$0.00
utility relocation (GAS LINE)	l.f.	\$50.00		0.00 l.f.	\$0.00
utility relocation (COMM LINE)	l.f.	\$5.00		3600.00 l.f.	\$9,000.00
utility relocation (WATER LINE)	l.f.	\$10.00		3600.00 l.f.	\$18,000.00
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