

Wastewater Capital Improvements Project
East Orchards Sewer Extension Phase 2
and 3

Project Identifier: 2c and 3e

Objective: To address high nitrate concerns and eliminate septic systems.

Potential Issues:

- Extending services to approximately 550 local home owners (for planning purposes included only cost to stub for ROW -- property owner to extend to home)
- Potential grant funding assistance should be explored
- Project could be implemented in phases.
- Final alignments to be determined during desing phase

Project Location:
East end of Lewiston south of Lindsay Creek Rd



Items	Unit	Unit Price	Estimated Quantity	Estimated Cost (2017)
8-inch Pipe - Excavation, Backfill	LF	\$ 62	29,939	\$ 1,856,218
Manholes - 48"	EA	\$ 3,000	86	\$ 256,800
Existing Utility Protection	LF	\$ 4	7,120	\$ 28,480
Half Lane Pavement Repair	LF	\$ 25	7,120	\$ 178,000
Miscellaneous Surface Repair	LF	\$ 5	22,819	\$ 114,095
Traffic Control - Without Flagging	LF	\$ 4	7,120	\$ 28,480
Service Stub to property line	EA	\$ 1,000	550	\$ 550,000
Smaller Lift Station	LS	\$ 450,000	1	\$ 450,000
Subtotal				\$ 3,462,073
Mobilization - Percent of Item Cost Sum	%	10%		\$ 346,207
Contingency - % of construction costs	%	30%		\$ 1,038,622
Total Construction Costs				\$ 4,846,902
Easement/Permitting Support	LS	\$ 12,500		\$ 12,500
Geotechnical Support	LS	\$ 10,000		\$ 10,000
Lift Station Site Purchase	LS	\$ 40,000		\$ 40,000
Engineering and CMS - % of construction costs	%	20%		\$ 969,380
Total Estimated Cost (rounded)				\$5,879,000

The cost estimate herein is based on our perception of current conditions at the project location. This estimate reflects our opinion of probable costs at this time and is subject to change as the project design matures. Keller Associates has no control over variances in the cost of labor, materials, equipment, services provided by others, contractor's methods of determining prices, competitive bidding or market conditions, practices or bidding strategies. Keller Associates cannot and does not warrant or guarantee that proposals, bids, or actual construction costs will not vary from the cost presented herein.