

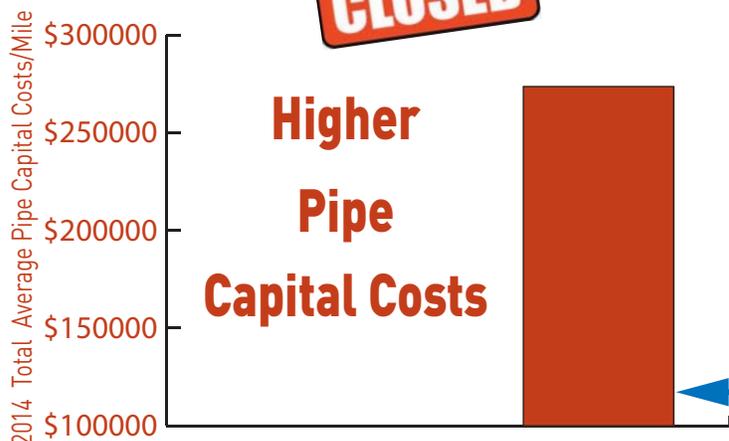
Ohio Study Reveals Cost Savings

Closed Bids - Higher Costs

Open Bids - Lower Costs

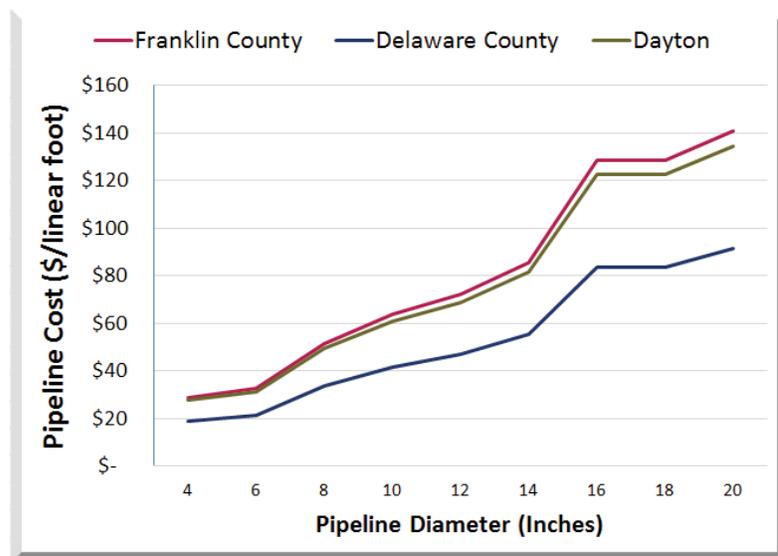
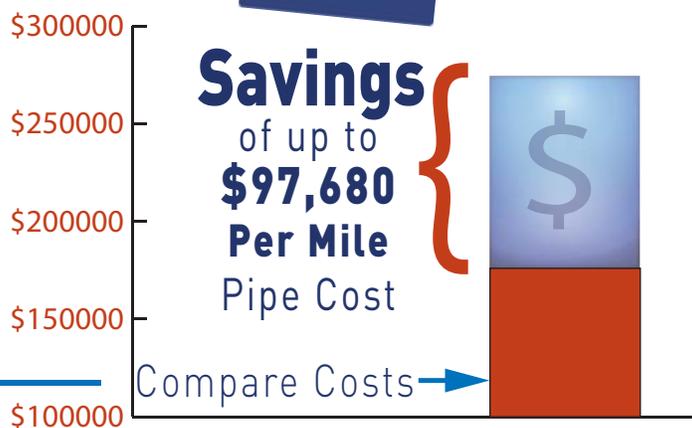
Closed Bids

Franklin County, OH (Columbus)



Open Bids

Delaware County, OH



Estimated Pipeline Capital Costs by Pipeline Diameter, for Franklin County, OH (Columbus), Delaware County, and the City of Dayton. Source: BCC Research

- Delaware County, OH with OPEN BIDDING does not restrict pipeline bidders to a particular material and enjoys the lower cost, on average, for pipeline capital costs.
- On average, for pipe capital costs alone in the jurisdiction that allowed OPEN BIDDING, Delaware County, OH saved 32% to 35% compared to Franklin County, OH (Columbus) with CLOSED BIDDING.
- Overall total pipeline construction costs in a jurisdiction with OPEN BIDDING, Delaware County, OH saved 13.6%, on average, compared to overall total pipeline construction costs in the jurisdiction with CLOSED BIDDING Franklin County, OH (Columbus).
- For 8-12" pipe installed in Franklin County, OH (Columbus) with CLOSED BIDDING the average pipeline capital costs reached \$51.83 per foot while in Delaware County, OH with OPEN BIDDING the average pipeline capital cost was \$33.33 per foot, a difference of \$18.50 (35.6%) per foot, saving **\$97,680 per mile (5,280 feet) for capital costs alone.**
- For every ten miles of pipeline a jurisdiction with OPEN BIDDING could **save nearly \$1,000,000 in pipe capital costs alone.**