

Fiscal Estimate - 2019 Session

Original
 Updated
 Corrected
 Supplemental

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|--|--|--------------------------|
| LRB Number 19-2726/1 | Introduction Number SB-365 | |
| Description generally prohibiting local units of government from excluding from consideration certain piping materials | | |
| Fiscal Effect | | |
| <p>State:</p> <p> <input type="checkbox"/> No State Fiscal Effect <input type="checkbox"/> Indeterminate <input type="checkbox"/> Increase Existing Appropriations <input type="checkbox"/> Decrease Existing Appropriations <input type="checkbox"/> Create New Appropriations <input type="checkbox"/> Increase Existing Revenues <input type="checkbox"/> Decrease Existing Revenues <input type="checkbox"/> Increase Costs - May be possible to absorb within agency's budget <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Decrease Costs </p> | | |
| <p>Local:</p> <p> <input type="checkbox"/> No Local Government Costs <input checked="" type="checkbox"/> Indeterminate 1. <input checked="" type="checkbox"/> Increase Costs <input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory 2. <input checked="" type="checkbox"/> Decrease Costs <input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory 3. <input type="checkbox"/> Increase Revenue <input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory 4. <input type="checkbox"/> Decrease Revenue <input type="checkbox"/> Permissive <input type="checkbox"/> Mandatory 5. Types of Local Government Units Affected <input checked="" type="checkbox"/> Towns <input type="checkbox"/> Counties <input type="checkbox"/> School Districts <input checked="" type="checkbox"/> Village <input type="checkbox"/> Others <input type="checkbox"/> WTCS Districts <input checked="" type="checkbox"/> Cities </p> | | |
| <p>Fund Sources Affected Affected Ch. 20 Appropriations</p> <p> <input type="checkbox"/> GPR <input type="checkbox"/> FED <input type="checkbox"/> PRO <input type="checkbox"/> PRS <input type="checkbox"/> SEG <input type="checkbox"/> SEGS </p> | | |
| Agency/Prepared By DNR/ Paul Neumann (608) 266-0818 | Authorized Signature Paul Neumann (608) 266-0818 | Date 10/7/2019 |

Fiscal Estimate Narratives
DNR 10/7/2019

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Assumptions Used in Arriving at Fiscal Estimate

The bill prohibits local units of government from excluding from consideration the use of piping materials that meet the project's standards, where required and as part of a public contract, unless there are sound engineering practices suggesting that a particular type of piping materials be used for that particular project.

Background Information

Different pipe materials are required on a project specific basis because they have, and are not limited to: different 'C-Factors' impacting the headloss and therefore pipe capacity; a variety of wall thicknesses to meet pressure ratings, which reduces interior diameters and therefore pipe capacity; different Modulus of Elasticity, which directly impacts the fatigue rating and ability to withstand reoccurring and occasional surge pressure tolerances for a given pressure rating; slip-joint or butt-fused joints, which dictates applicability for directional boring or other similar types of installations; different external load ratings/performance needed for shallow or deep bury depths, or heavy live loads such as roadways and railways; an ability to withstand vacuum pressures; an ability to withstand corrosive soil/groundwater environments; and an ability to withstand corrosive soil/groundwater environments.

Local Fiscal Effect

1. Expanding the types of piping materials (e.g., force main pipe, water supply pipe, etc.) that could be used for wastewater or drinking water infrastructure projects could result in construction cost savings to local governments. These cost savings are indeterminate.
2. Conversely, the expansion and potential use of inappropriate pipe material for a project may result in an increased life cycle cost, as the operation, maintenance and/or replacement costs may be accelerated. These cost increases are indeterminate.
3. There is likely no fiscal impact for gravity sanitary sewer installations, which comprise approximately 90-95% of sanitary sewer pipe length statewide. Most gravity sanitary sewer installations use PVC pipe, which is the least costly material for many pipe sizes. In locations where an alternative material is used, constructability or structural constraints would preclude use of PVC pipe.

Long-Range Fiscal Implications