CERTIFICATION OF ENROLLMENT

**HOUSE BILL 2544**

59th Legislature
2006 Regular Session

Passed by the House March 4, 2006
Yeas 97 Nays 0

**Speaker of the House of Representatives**

Passed by the Senate February 28, 2006
Yeas 45 Nays 0

**President of the Senate**

Approved

**Governor of the State of Washington**

CERTIFICATE

I, Richard Nafziger, Chief Clerk of the House of Representatives of the State of Washington, do hereby certify that the attached is **HOUSE BILL 2544** as passed by the House of Representatives and the Senate on the dates hereon set forth.

**Chief Clerk**

FILED

**Secretary of State**
**State of Washington**

# HOUSE BILL 2544

AS AMENDED BY THE SENATE

Passed Legislature - 2006 Regular Session

**State of Washington 59th Legislature 2006 Regular Session**

**By** Representatives P. Sullivan, Jarrett, Green, Dunshee, Upthegrove, McCoy, Ericks, Simpson, Schual-Berke, Lantz, Ormsby, Springer, Kilmer and Kagi; by request of Department of Community, Trade, and Economic Development

Read first time 01/10/2006. Referred to Committee on Capital Budget.

AN ACT Relating to authorization for projects recommended by the public works board; creating new sections; and declaring an emergency.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

NEW SECTION. **Sec. 1.** Pursuant to chapter 43.155 RCW, the following project loans recommended by the public works board are authorized to be made with funds appropriated from the public works assistance account:

(1) Alderwood water and wastewater district--sanitary sewer project--upgrade the picnic point wastewater treatment facility and increase the maximum month flow capacity from three million gallons per day to six million gallons per day by improving the fine screening, vortex grit removal, membrane bioreactor, and ultraviolet disinfection . . . . . $7,000,000

(2) Arlington--sanitary sewer project--improve the solids handling capacity of the wastewater treatment plant, expand the capacity of both the solids processing and liquid treatment portions of the plant, and alter the type of treatment process . . . . . $7,000,000

(3) Bainbridge Island--sanitary sewer project--construct an enclosed building to house the headworks equipment, construct a new

building to house solid handling equipment, convert aeration for both basins from surface aeration to diffused air, add solid storage basins, upgrade two existing clarifiers and associated return activated sludge pumps, construct vactor decanting station, and replace existing electrical system . . . . . $3,564,500

(4) Bellingham--domestic water project--remove an aging diversion dam and replace its function with a withdrawal structure built into the river that will not impede the natural flow of the river to restore runs of two endangered species to the upper reaches of the middle fork of the Nooksack river and connect it with the existing system . . . . . $3,400,000

(5) Birch Bay water and sewer district--sanitary sewer project--replace the sanitary sewer force main from pump station number 3 to the wastewater treatment plant and divert a portion of the districts sewer flow around pump station number 4 directly to pump station number 3 resulting in a twenty-six percent increase in sanitary sewer conveyance capacity . . . . . $2,305,625

(6) Buckley--sanitary sewer project--construction of a dewatering building to house a belt filter press sludge dewatering machine, rebuild and expand the wastewater treatment plant to provide nutrient removal and accommodate the wastewater from Rainier school and anticipated growth over the next twenty years, and construction of a gravity interceptor. Improvements to the plant include enclosed headworks with fine screens, grit removal, flow measurement and sampling, biological nutrient removal activated sludge process with new anaerobic basins, anoxic basins, and aeration basins, activated sludge clarifiers, and return sludge pumping, followed by ultraviolet light disinfection . . . . . $7,000,000

(7) Enumclaw--sanitary sewer project--upgrade and expand the existing wastewater treatment plant including new headworks, new extended aeration activated sludge basins, new anaerobic/anoxic basins for phosphorus removal and denitrification, two additional secondary clarifiers, chemical facilities for additional phosphorus removal in the existing secondary clarifiers, sludge dewatering and stabilization facilities, enlarged laboratory area, increasing capacity to accommodate projected urban growth through 2022 . . . . . $5,700,000

(8) Everett--sanitary sewer project--limit biochemical oxygen demand loads of the wastewater flowing into the aeration ponds to less

than 20,000 pounds per day by construction of a new treatment process in the wastewater stream by constructing the primary clarifiers that will feed up to 21,000,000 gallons per day to the trickling filters for additional treatment, eliminate the use of chlorine gas and replace it with a twelve percent sodium hypochlorite solution, construct a new 4.8 acre solids handling area to process biosolids, and modifications to the laboratory and operations room . . . . . $7,000,000

(9) Holmes Harbor sewer district--sanitary sewer project--modify the existing wastewater treatment plant and related systems to include 1,500,000 gallons of storage for incompletely treated effluent, including appurtenant pumping, piping, and control systems . . . . . $950,000

(10) King county water district number 54--domestic water project--replace and dispose of an eight-inch water distribution line and an abandoned six-inch water line as part of a project to replace a fill and box culvert with a bridge across Des Moines creek that will improve fish migration and alleviate excess pooling and flooding, provide a temporary line during construction, and install a permanent twelve-inch line under the new bridge . . . . . $150,300

(11) Kitsap county sewer district number 7--sanitary sewer project--upgrade and add capacity to the wastewater treatment plant by adding a second aeration basin, changing the existing aeration from a floating aerator to fine bubble diffusers, add a third clarifier, change influent screening from bars to a fine screen, add a second bank of ultraviolet lights, add a third return activated sludge pump, add a second sludge digester, and construct a utility building to house the equipment . . . . . $1,288,000

(12) Lake Stevens--sanitary sewer project--construction of a membrane bioreactor tertiary wastewater treatment plant outside the flood plain, construction of an interceptor line and pump station to intercept and redirect existing flows to the new plant, and associated easement acquisition, permit fees, construction management services, and startup and operation and maintenance manuals . . . . . $7,000,000

(13) Lakehaven utility district--sanitary sewer project--remove/replace and/or line approximately 1,030 feet of the existing outfall pipe starting from 100 feet inland to the end of the existing outfall, and extend the existing/new outfall from the previous

end point approximately 800 feet further into Puget Sound to ensure the protection of shellfish beds in the area . . . . . $2,400,000

(14) Malaga water district--domestic water project--design and construction of two pump stations, an approximately 60,000 gallon reservoir, approximately 11,000 feet of transmission/distribution main, a pressure reducing station, and other water system appurtenances . . . . . $1,064,950

(15) Mercer Island--sanitary sewer project--install approximately 16,000 feet of eight to sixteen-inch sewer main and 7,000 feet of six-inch side sewer laterals in Lake Washington along the north and northwest shoreline, replace and modify two pump stations, extend and connect side sewer laterals to the new main, finalize easements with approximately seventy-five property owners, install approximately ten maintenance manholes and cleanouts, and environmental mitigation . . . . . $7,000,000

(16) Mill Creek--road project--replace existing culverts carrying Penny creek under Mill Creek Road with a new bridge structure in a different location by drilling piers along the outer edge of the alignment, installing pipe caps and precast concrete bridge deck panels, excavating under the panels, installing timber lagging as the excavation progresses, and constructing concrete walls over the lagging, reroute the streambed with some wetland mitigation work, relocate existing water line, and plugging and abandoning the existing culvert . . . . . $921,500

(17) Mount Vernon--sanitary sewer project--construction of the phase one improvements for the wastewater treatment facility including a new pretreatment (grit and debris screening) facility, two additional primary clarifiers, upgrade of the existing aeration basins, two additional secondary clarifiers, an ultraviolet disinfection system for the effluent (replacing chlorine gas system), and an extensive odor control system . . . . . $7,000,000

(18) Moxee--sanitary sewer project--construct approximately 13,500 feet of wastewater conveyance piping and appurtenances along state route number 24 from Moxee to Riverside Road, discharging to a new lift station owned and operated by the Terrace Heights sewer district . . . . . $2,000,000

(19) Mukilteo--storm sewer project--construct approximately 16,500 feet of new eighteen to forty-eight inch storm water conveyance

pipeline to transfer high storm water flows from Smugglers Gulch and Big Gulch stream channels, restoring the stream channel, associated fish and wildlife habitat, and adjacent infrastructure, as well as provide mitigation for disturbed wetlands . . . . . $3,587,200

(20) North Bend--domestic water project--drilling, testing, and development of a new municipal supply well for the perfection of a new water right application with the department of ecology to supply the city and urban growth area with needed additional water, construction of approximately 21,200 lineal foot twelve-inch diversion pipeline from the south fork Tolt river reservoir to the north fork Snoqualmie river . . . . . $3,474,675

(21) North Bonneville--sanitary sewer project--install a new headworks screen in the existing headworks structure, install a new clarifier, including piping modifications, in the existing sewer treatment plant, and painting existing metal surfaces in the existing treatment plant unit . . . . . $450,000

(22) Oak Harbor--domestic water project--design and construction of approximately 5,700 feet of twenty-four inch diameter ductile iron water transmission main along highway 20 between Pass Lake and Sharpe's Corner as a replacement for existing water transmission main being destroyed as a result of planned highway construction . . . $2,694,500

(23) Okanogan county--sanitary sewer project--construction, right of way acquisition and engineering for gravity and pressure pipe, lift stations, telemetry, treatment plant improvements, and associated facilities, water system improvements including supply main, fire hydrants, air/vac facilities, storage, booster pumping, telemetry, and applicable appurtenances . . . . . $7,000,000

(24) Othello--road project--reconstruct 1,850 lineal feet of arterial truck route (Broadway Avenue), to include surface, subsurface, and impacted utilities, improved to heavy truck traffic standards, retaining the existing sidewalks, curbs, and gutters . . . . $555,000

(25) Pullman--sanitary sewer project--construction of a new, approximately 500,000 gallon, variable volume digester at the wastewater treatment plant including site preparation, construction of the digester, necessary piping modifications, upgrades to the existing digesters as required to facilitate the new digester, and modifications to the plant's existing electrical and supervisory control system . . . . . $1,870,000

(26) Sammamish Plateau water and sewer district--domestic water project--design and construction of a new approximately 6.2 million gallon per day water treatment facility to remove arsenic, hydrogen sulfide, iron and manganese, and silica . . . . . $2,843,250

(27) Sedro-Woolley--sanitary sewer project--construction of approximately 29,700 linear feet of eight to thirty-inch pipes, and the design of two sewer pump stations . . . . . $7,000,000

(28) Stanwood--domestic water project--prepare a feasibility study, well desktop treatment study, and a preliminary engineering report to determine the most cost-effective water system improvements, the most effective well treatment methods, and outlining the principal design criteria for all planned facilities, conduct a pilot plant study to confirm effectiveness of treatment and provide/confirm design criteria, obtain all necessary permits, prepare plans, specifications, and cost estimates for all improvements, construct a new treatment plant for the removal of arsenic, manganese, and hydrogen sulfide, construct approximately 500 lineal feet of new transmission water main, and approximately 1,500 linear feet of new distribution water mains to connect to the existing system . . . . . $3,194,733

(29) Stanwood--sanitary sewer project--parallel existing sewer alignment with approximately 4,000 lineal feet of thirty-inch sewer pipe in the same right of way corridor as the existing fourteen-inch interceptor and have a flow capacity of 6.5 million gallons a day sufficient to handle the projected 5.8 million gallons a day build outflow, and the replacement of the existing eight and twelve-inch water mains . . . . . $2,031,500

(30) Tenino--sanitary sewer project--construction of a new wastewater treatment plant and collection system with a membrane bioreactor treatment plant with a capacity of 360,000 gallons per day that will produce Class A reclaimed water, and approximately 68,516 lineal feet of one and one-half to six-inch diameter pipe and 784 individual grinder pumps . . . . . $7,000,000

(31) Terrace Heights sewer district--sanitary sewer project--construct a new lift station with a capacity of approximately 4,400 gallon per minute, approximately 11,700 feet of twelve-inch diameter force mains from the new lift station to the Yakima regional wastewater treatment facility, and approximately 4,200 feet of eight-inch diameter gravity sewer main . . . . . $3,655,000

(32) Union Gap--sanitary sewer project--replace approximately 3,800 feet of sewer line, institute hydrogen sulfide control measures at the master lift station to reduce corrosion problems, complete eight sewer pipeline point repairs, replace seven manholes, install manhole shields on forty-five manholes located in areas of potential flooding, investigate sixteen side sewer connections, conduct an inflow evaluation during the next flooding event, and visually inspect previously uninspected portions of the system . . . . . $1,037,000

(33) Val Vue sewer district--sanitary sewer project--replace approximately 11,000 linear feet of pipe and associated side sewers, construction of approximately 1,900 linear feet of replacement main line sewers, construction of approximately 1,600 linear feet of sewer main replacement, replacement of approximately 300 linear feet of main, replacement of approximately 120 side sewer stubs, and improvements to a pump station by the addition of an emergency power generator . . . . . $3,554,700

(34) Whitworth water district number 2--domestic water project--install approximately 11,900 feet of sixteen-inch water pipe, 22,440 feet of twelve-inch water pipe, 4,140 feet of eight-inch water pipe together with valves, fire hydrants, and other appurtenances, and construct an approximately two million gallon ground level steel water reservoir, complete with access road, valving, level controls, and other appurtenances . . . . . $3,496,600

(35) Zillah--sanitary sewer project--construct wastewater facility improvements including a new screening system, construct a new aeration basin of approximately 159,000 gallons, install baffles in both clarifiers and replace the 28-year-old mechanical components of clarifier number 1, install a positive displacement pump in the aerobic digester building for automated daily sludge wasting, replace the existing ultraviolet system with a new and larger system, construct an effluent pump station to accommodate design peak hour flow, replace the submerged turbine aerators with fine bubble diffusers, and provide 480 volt service to all process electrical equipment, and eliminate dual voltage system now found at the plant . . . . . $2,295,000

(36) Auburn--sanitary sewer project--replace approximately 13,100 linear feet of 10, 12, and 15 inch concrete pipes with 24, 27, and 36 inch sewer pipes to handle existing and future wastewater flows.

Removal of eight pressure reducing valves on a water transmission line and storm system revisions . . . . . $3,500,000

(37) Battle Ground--sanitary sewer project--upgrades at Salmon Creek treatment plant to achieve added capacity and security. Construction of the new Klineline sewer pump station and approximately five miles of force main system to accommodate future pumping capacity needs

. . . . . $4,000,000

(38) Bellevue--road project--improve a section of NE 24th Street including widening the roadway to add five-foot bike lanes, constructing curb, gutter, and sidewalk, and introduce calming elements. The project is designed to improve safety by reducing areas of conflict between vehicular and nonmotorized traffic by reducing overall speeds . . . . . $750,000

(39) Burien--storm sewer project--construct approximately 1,450 linear feet of 30 to 42 inch and approximately 300 linear feet of 24 inch storm water trunk lines to eliminate flooding in downtown Burien during a 25-year storm event. Modify and expand the Ambaum regional detention pond to accommodate peak flows and to control the release of storm water in order to protect downstream habitat . . . . $1,547,000

(40) Clark public utilities--domestic water project--construct a 1,000 gallon per minute water supply well, construct and paint an approximately 300,000 gallon reservoir, install a 500 gallon per minute booster station, and replace approximately 90,000 feet of undersized and deteriorated water line. These projects will increase fire flow and generally improve the performance and reliability of the system

. . . . . $5,087,250

(41) Edmonds--road project--provide the necessary slope stability and improve the integrity of approximately 300 feet of roadway section that has been slowly moving down the hill toward a house due to slope failure . . . . . $624,750

(42) Franklin County--road project--pave approximately 30 miles of gravel roads throughout the county to save wear and tear on the public's vehicles and savings in annual costs for maintenance

. . . . . $4,500,000

(43) Ilwaco--sanitary sewer project--replace a sewage pump station and renovate another sewage pump station, both of which are 35 years

old to meet the department of ecology's requirements and save approximately $13,000 every three years . . . . . $237,960

(44) Lakewood--sanitary sewer project--construct three pump stations, approximately 17,200 linear feet of force main, approximately 13,500 linear feet of gravity collector pipeline, and approximately 320 side sewer stubs to eliminate septic systems in the American Lake gardens and Tillicum neighborhoods . . . . . $5,000,000

(45) Olympus terrace sewer district--sanitary sewer project--construction of approximately 8,000 linear feet of trunk pipeline and approximately 16,500 linear feet of storm water conveyance pipeline to prevent high storm water flows from further eroding stream channels . . . . . $7,000,000

(46) Seattle--storm sewer project--install approximately 2,860 feet of storm drain and approximately 6,800 feet of pipe to alleviate chronic flooding problems for at least 38 businesses and several residences in South Park . . . . . $5,000,000

(47) Southwest suburban sewer district--sanitary sewer project--replace/rehabilitate approximately 16,700 linear feet of sewer mains to reduce environmental and public health issues associated with sewer backups . . . . . $3,910,000

(48) Stevenson--domestic water project--replace a failing, unsafe, and hazardous pump station to address fire flow requirements, convert the vacated pump station into additional water reservoir storage, and install approximately 6,250 feet of transmission main to eliminate leaks . . . . . $795,000

(49) Tacoma--domestic water project--construction of an ozonation treatment plant capable of treating approximately 168 million gallons per day that will provide disinfection and taste and odor compound control . . . . . $7,000,000

(50) Vancouver--road project--widen approximately 5,000 linear feet of NE 138th Street to four lanes with center left turn lane, bike lanes, sidewalks, street lighting, and landscaping to increase capacity and safety, and upgrade traffic control . . . . . $2,200,000

(51) Washougal--sanitary sewer project--replace a pump station with approximately 6,250 linear feet of force and gravity mains, extending approximately 2,200 linear feet of gravity sewer, and extension of approximately 2,000 linear feet of interceptor sewer. The improvements

protect the water quality of the Washougal River and serve the projected 20-year growth of the area . . . . . $2,070,000

NEW SECTION. **Sec. 2.** For any project on the proposed public works board recommended project list in section 1 of this act that replaces a water line over a creek, and where the project need and timeline are being determined by a state agency and the city within its boundaries, the jurisdiction may be reimbursed for expenses incurred prior to the execution of the loan agreement.

NEW SECTION. **Sec. 3.** This act is necessary for the immediate preservation of the public peace, health, or safety, or support of the state government and its existing public institutions, and takes effect immediately.

**--- END ---**