Z-0240.1			

HOUSE BILL 1049

State of Washington 59th Legislature 2005 Regular Session

By Representatives Green, DeBolt, Upthegrove, Kilmer, Kessler, McCoy, Sells, Blake, Schual-Berke, Kenney, P. Sullivan, Jarrett, Kagi, Simpson, Wood, Lantz, Hudgins, Morrell, Hunt and Ormsby; by request of Public Works Board

Read first time 01/12/2005. Referred to Committee on Capital Budget.

- AN ACT Relating to authorization for projects recommended by the public works board; creating a new section; and declaring an emergency.
- 3 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

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- 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:

 - (2) Bainbridge Island--sanitary sewer project--upgrade wastewater treatment plant by upgrading the following: Headworks, biosolids, oxidation ditch aeration basins, sludge holding basins, secondary clarification, and sludge pumping and effluent outfall . . \$3,618,000
 - (3) Battle Ground--sanitary sewer project--expand the capacity in the shared use facilities by performing the design engineering and construction for a parallel sewer line interceptor, 1 new transmission

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1	pump station, an influent pressure main, and treatment plant
2	improvements to increase the capacity from 10.3 million gallons per day
3	to 16 million gallons per day \$10,000,000
4	(4) Birchbay water and sewer districtsanitary sewer project
5	extend the existing sanitary sewer system constructing approximately
6	10,000 feet of gravity sewer mains, including manholes, side sewers to
7	each lot, and other sewer appurtenances. The project will also include
8	temporary erosion and sedimentation control measures and other
9	public/private improvement restoration following sewer installation
10	
11	(5) Blainesanitary sewer projectconstruct a wastewater
12	pretreatment facility and a 700,000 gallon equalization storage
13	facilities along and underneath Marine Drive to prevent raw sewage
14	overflows into Drayton Harbor, construction of control structures
15	required to operate and maintain facilities, and reconstruction of
16	existing lift station number one
17	(6) Brewstersanitary sewer projectretrofit south lift station
18	and dry well/wet well system will be converted to a submersible pump
19	station, headworks structure will be enclosed, including electrical and
20	ventilation systems, replacement of chlorine gas disinfection system
21	with UV disinfection, construction of a plant water system, adding new
22	effluent flow meter and automatic sampler, replacement of activated
23	sludge pumps, retrofitting primary clarifier, installation of a new
24	dewatering facility, electrical, and control features and appurtenances
25	
26	(7) Carnationsanitary sewer projecteliminate current septic
27	tank/drainfield systems and replace them with a centralized sewer
28	collection system that will connect directly to the treatment facility
29	being built by King County, including approximately 26,000 feet of
30	vacuum sewer collector pipes, 3,000 feet of force main, approximately
31	700 side sewers and the associated abandonment of septic
32	tank/drainfield systems, relocation of 10,000 feet of water main,
33	telemetry system for new sewer facilities, and a vacuum/pump station
34	
35	(8) Castle Rocksanitary sewer projectupgrade wastewater
36	treatment plant by constructing a new treatment process, structures and
37	equipment, new oxidation ditch, modernized headworks, disinfecting with

1	ultraviolet, installation of a belt thickener, and press for solids and
2	secondary clarifiers
3	(9) Chinook water districtdomestic water projectconstruct a new
4	package water filter plant
5	(10) College Placedomestic water projectconstruct a 1.5 million
6	gallon water storage reservoir, install a booster station,
7	approximately 7,100 feet of 16 inch water transmission mains, three
8	pressure reducing valve stations, and a second booster station in the
9	Regency Park package system, telemetry improvements, and associated
10	appurtenances
11	(11) Douglas countystorm sewer projectconstruction of a
12	detention basin of approximately 35 acre feet, construction of an urban
13	conveyance and water quality project that consists of construction of
14	about 2,000 feet of closed conduit, 1,000 feet of open channel, and
15	construction of a water quality treatment facility, and all appropriate
16	appurtenances
17	(12) Dupontsanitary sewer projectreplace approximately 6,600
18	feet of sanitary sewer line with manholes, 103 side sewers, and
19	overlaying 4,200 feet of street. The city of DuPont will also purchase
20	capacity from Pierce County allowing the transfer of flows for
21	treatment to Pierce County \$1,985,600
22	(13) East Wenatchee water districtdomestic water project
23	increase capacity and remedy leaking mains by replacing approximately
24	one mile of 12 inch ductile iron transmission main \$490,875
25	(14) Eatonvilledomestic water projectconstruct a membrane
26	filtration system and use the existing disinfection system, install a
27	booster pump station, additional well sources, basin modifications, and
28	approximately 1,200 feet of transmission main to connect to the
29	existing system
30	(15) Edmondssanitary sewer projectlift station elimination and
31	rehabilitation project includes elimination of lift station seven,
32	demolish the facility and construct approximately 1,550 feet of gravity
33	sewer line, and install a new line from current location of lift
34	station seven to lift station eight. Replace lift station eight,
35	including upsizing of the wet well and replacement of all mechanical
36	and electrical equipment and replacement and upsizing of approximately
37	450 feet of force main

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1	(16) Enumclawsanitary sewer projectupgrade and expand the
2	existing wastewater treatment plant by constructing a new headworks,
3	install new extended aeration activated sludge basins, anaerobic/anoxic
4	basins, and two additional secondary clarifiers. The city will also
5	include construction of chemical facilities, enlarging laboratory area,
6	sludge dewatering, and stabilization facilities and related
7	appurtenances
8	(17) Ephratasanitary sewer projectconstruction of approximately
9	2,400 feet of sanitary sewer main, 200 feet of side sewer pipe, eight
10	manholes and appurtenances, and the rehabilitation of approximately one
11	mile of access roadway in the port of Ephrata \$289,000
12	(18) Everettsanitary sewer projectconstruct upgrades to the
13	wastewater treatment plant that include: A headworks grit system,
14	construction of two primary clarifiers, a new biofilter, new piping
15	arrangements, modifications to the trickling filter pump station,
16	installation of primary sludge grit removal equipment, sludge
17	dispersion equipment, flow metering, new hypochlorite generation
18	facilities, new scum collection and dewatering equipment, and minor
19	upgrade of the north effluent pump station \$10,000,000
20	(19) Freeland water districtdomestic water projectsolve the
21	source and storage needs by constructing a new reservoir, connection of
22	the new well to the new reservoir, connection of the new reservoir to
23	the system, rehabilitation of the existing well number one, and all
24	appropriate appurtenances
25	(20) Gig Harborsanitary sewer projectupgrade to the wastewater
26	treatment plant to improve its efficiency and effectiveness. In
27	addition, an outfall extension into Colvos Passage, including a
28	diffuser will be constructed. Project will result in a higher quality
29	effluent being discharged to Puget Sound \$10,000,000
30	(21) Goldendaleroad projectreconstruct approximately 2,700 feet
31	of East Collins Drive. This will include curb and gutters, storm
32	drainage facilities, sewer line repair and replacement, water line
33	replacement, and a 40 foot curb to curb road section consisting of two
34	eleven foot travel lanes and two nine foot parking areas \$827,316
35	(22) Highland water districtdomestic water projectconstruct a
36	0.5 million gallon steel water tank and foundation, appurtenances such
37	as water lines and valves, access road, and other site improvements as
38	needed

1	(23) Ilwacosanitary sewer projectreplace approximately 2,000
2	feet of sanitary sewer lines and 2,250 feet of storm sewer lines,
3	including contributing laterals. In addition, installation of new
4	manholes, catch basins, and other related improvements would be made as
5	part of the project
6	(24) Jefferson County public utility district 1domestic water
7	projectextend water system to service the entire Marrowstone Island.
8	Replacing individual wells with a public water supply. This will
9	include installation of approximately 150,000 feet of water mains with
10	accoutrements, a new 300,000 gallon storage tank, and expansion of
11	existing treatment facilities. This will ensure a consistent source of
12	potable water for the residents
13	(25) Jefferson County public utility district 1sanitary sewer
14	projectreplace approximately 80 individual septic systems with a new
15	community drainfield system, consisting of approximately 12 grinder
16	pump stations, twin booster pump stations, two dosing tanks, and other
17	components necessary to enable the system to function properly.
18	Completion of this project will virtually eliminate the release of any
19	untreated effluent into the wetland and Discovery Bay $\$948,924$
20	(26) Kennewickdomestic water projectupgrade the water treatment
21	plant with installation of a new membrane filtration at the Columbia
22	River plant and installation of an ultraviolet disinfection system at
23	the Ranney collector number five. Other related improvements will be
24	made to the system as part of the project. This project will bring the
25	city into compliance with the department of health's ground water under
26	the influence (GWI) requirements \$10,000,000
27	(27) King county water district No. 111domestic water project
28	construct four water treatment facilities. Each facility will include
29	chlorine generation systems, backwash recycling facilities, SCADA
30	systems at each plant, and any other related activities necessary to
31	complete the construction. This will enable the district to be in
32	compliance with iron and manganese MCLs and eliminate the hazards
33	associated with chlorine
34	(28) King county water district No. 125domestic water project
35	upgrade pressure zone 2 by installing two secondary source connections,
36	including pressure-reducing valves, valves, piping, and appurtenances
37	and approximately 150 feet of water main. The project will also

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1	include replacement of approximately 12,500 feet of undersized water
2	main, including all valves, fittings, hydrants, and appurtenances and
3	project area restoration as required \$1,088,850
4	(29) Lake Forest Parksanitary sewer projectinstallation of a
5	series of extensions to the city of Lake Forest Park's sanitary sewer
6	system to provide service to residential areas currently not serviced.
7	This will include construction of approximately 3.8 miles of sewer main
8	extension including gravity sewer, pressure piping, service connections
9	and side sewers, lift stations, grinder pump assemblies, surface
10	restoration, temporary erosion and sedimentation control, and related
11	work
12	(30) Leavenworthdomestic water projectreconstruct old reservoir
13	on existing site, including new structural walls, new roof, and related
14	appurtenances. Project will also include installation of a SCADA
15	monitoring/radio telemetry control system \$1,400,000
16	(31) LOTT wastewater alliancesanitary sewer projectconstruct
17	four secondary clarifier mechanisms, replacement of RAS pumps,
18	secondary scum pumping improvements, and motorized actuators. Upgrades
19	to equipment and mechanisms will enable LOTT to meet increasing loads
20	at the Budd Inlet wastewater treatment plant and improve the effluent
21	quality
22	(32) Malaga water districtdomestic water projectconstruct a new
23	52,000 gallon partially buried concrete reservoir and connecting piping
24	and install security fencing around tank. This project will enable the
25	district to ensure a continuous safe water supply to the homes and
26	businesses in the area
27	(33) Manchester water districtdomestic water projectupgrade a
28	wide range of the water system. Project will include installation of
29	a SCADA system with all hardware, software, and backup equipment.
30	Installation of a new flow meter at each wellhead and pump station.
31	Distribution/transmission piping replacements and upgrades to the Mile
32	Hill Road area, Yukon Harbor Drive and Southworth Drive. Installation
33	of two interties in the South Street and Garfield Road area.
34	Construction of two pressure-reducing stations located in the Beach
35	Drive and Harper Hill areas
36	(34) Mason county public utility district 1domestic water
37	projectsource improvements and system rehabilitation to the newly
38	acquired Arcadia Estates system. Project will include pump and

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1	controls for well number two, 24,000 gallon storage reservoir with
2	draft fire hydrant, three booster pumps, two pressure tanks,
3	pressure-reducing station, service meters, and three blow off
4	assemblies. This will remove the red operating permit and ensure a
5	safe and reliable source of potable water for the community
6	
7	(35) Mason county public utility district 1domestic water
8	projectrehabilitate the source of supply at the newly acquired Twanoh
9	Heights water system. This project will include rehabilitation of well
10	number one, installation of two pumps, abandonment of well number two
11	per department of ecology rules, service meters and air release valves.
12	This project will allow the community to have a continuous, safe and
13	reliable water source
14	(36) Mason county public utility district 1domestic water
15	projectaddress system needs for the Madrona Beach water system by
16	constructing a 11,500 gallon reservoir, booster station, site
17	work/plumbing, service meters, and a source meter. This will enable
18	the public utility district to comply with department of health
19	requirements and remove a blue operating permit \$171,000
20	(37) Mason county public utility district 1domestic water
21	projectmake improvements to the newly acquired Canal Beach water
22	system. The improvements include drilling and testing a new well
23	source, constructing a 20,000 gallon storage tank, piped system
24	intertie, fire service line and hydrant, water services with new
25	meters, and abandonment of existing well sources per department of
26	ecology rules
27	(38) Mason county public utility district 1domestic water
28	projectmake improvements to the Minerva Terrace water system that
29	will include drill and test well, integrate well into system, booster
30	station with all appurtenances, 35,200 gallon reservoir, and a draft
31	fire hydrant. This will enable the system to have the red operating
32	permit to be lifted and comply with department of health rules
33	
34	(39) Northeast Sammamish sewer/water districtdomestic water
35	projectconstruct a new water treatment plant, new 0.5 million gallon
36	reservoir and pump station, new transmission water main, and new
37	distribution main and associated minor improvements. The district will

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1	then be able to meet the federal arsenic level regulations and ensure
2	a safe source of potable water for the community $$4,154,970$
3	(40) Northshore utility districtsanitary sewer projectinstall
4	approximately 2,445 feet of gravity sewer main, manholes, connection to
5	the sanitary sewer system, and related restoration and appurtenances.
6	In addition, the district will replace approximately 2,400 feet of
7	asbestos concrete water mains. This will resolve the negative
8	environmental and health impacts of the failing septic systems in the
9	area
10	(41) Northshore utility districtsanitary sewer projectinstall
11	approximately 300 feet of gravity sewer main, manholes, connection to
12	the sanitary sewer system, and related restoration and appurtenances.
13	In addition, the district will replace approximately 300 feet of
14	asbestos concrete water mains. This will resolve the negative
15	environmental and health impacts of the failing septic systems in the
16	area
17	(42) Oak Harbordomestic water projectreplace existing water
18	transmission mains being destroyed due to a highway project. The
19	project includes construction of approximately 4,000 feet of
20	transmission mains along Highway 20 just south of Deception Pass state
21	park. Project will meet the city's foreseeable water requirements and
22	provide sufficient capacity for the Naval Air StationWhidbey
23	
24	(43) Orchard Avenue irrigation district number 6domestic water
25	projectinstall approximately 19,100 feet of PVC pipe. Approximately
26	210 buried meter boxes, reconnect approximately 400 existing services,
27	and all required valves and other fittings. Project will eliminate
28	public health concern over potential lead contamination from lead joint
29	pipe
30	(44) Pierce Countyroad projectwiden, reconstruct, and overlay
31	the intersection of Canyon Road E and 176th Street E, which includes
32	additional travel lanes in each direction and left and right turn lanes
33	at the intersection, a new traffic signal system, traffic signal
34	interconnect system, street lights, median, curb and gutter, concrete
35	sidewalks, landscaping, undergrounding of utilities, storm drainage
36	conveyance, storage, and treatment facilities. Project will increase
37	carrying capacity and allow for economic development \$2,942,000

1	(45) Pullmansanitary sewer projectconstruct a new variable
2	volume digester at the wastewater treatment plant, with an approximate
3	capacity of 350,000 gallons. The work includes site preparation and
4	construction of the digester, necessary piping modifications, and
5	modifications to the existing plant control system. Project will
6	enable the city to meet the environmental protection agency's SRT
7	requirements
8	(46) Pullmandomestic water projectconstruct a well to replace
9	well number 3. Included in the project will be the drilling of the
10	replacement well, well pump, motor, controls, disinfection equipment,
11	fluoride injection equipment, a swell and chemical storage house,
12	connection of transmission lines, and other related miscellaneous items
13	and site work
14	(47) Ridgefieldsanitary sewer projectconstruct a new pump
15	station, install approximately 3,000 feet of force main, which will
16	discharge directly into the treatment plant, and construct
17	approximately 3,000 feet of gravity interceptor sewer. This project
18	will enable the city to open up service to an area that is currently
19	not served and allow for economic development \$1,718,000
20	(48) Ritzvilledomestic water projectincrease the city's water
21	capacity from 1,200 to 2,000 gallons per minute by drilling a new well.
22	This will also include installing the necessary pump and connections to
23	the storage tank and construct a well house to protect the equipment
24	
25	(49) Ronald wastewater districtsanitary sewer projectsewer
26	extension to unsewered areas includes installation of approximately
27	2,700 feet PVC sewer main and approximately 2,000 feet PVC sewers in
28	three separate areas of the district. All associated appurtenances
29	will also be instilled, such as manholes and side sewer stubs.
30	Approximately 1,100 sewer trunk main will be repaired. The streets and
31	other public improvements that are disturbed during construction will
32	be restored to city of Shoreline's standards \$1,021,700
33	(50) Samish water districtsanitary sewer projectupgrade its
34	system by replacing pumps and controls at six sewage pump stations,
35	replace controls at one sewage pump station, upgrade SCADA, and replace
36	inline valves on existing sewer force main. This will ensure that the
37	system operates within regulations \$1,083,000

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1	(51) Seattlestorm sewer projectincrease capacity of the
2	drainage system by installing approximately 1,760 feet of storm drain
3	along South Trenton Street, 3rd Avenue South, and 4th Avenue South.
4	Install 2,380 feet of storm drain along South Director Street and 7th
5	Avenue South. The last part of the project will construct a new storm
6	drain system on 8th Avenue South. These new drainage pipes will reduce
7	flows to the combined sewer system and reduce the number of overflows
8	
9	(52) Seattlestorm sewer projectupgrade two culverts in the
10	lower reaches of Taylor Creek to remove fish barriers and construct a
11	fish ladder to improve fish passage and control sediment
12	transportation. Other related improvements will be made to the area as
13	part of the project
14	(53) Seattlestorm sewer projectconstruct two ponds that will
15	include a 4 acre feet sediment collection pond, 2 acre feet decant
16	pond, 750 feet of access road, 750 of decant piping, a gravel pump and
17	its housing and controls, and 4,000 feet of landscaping around the new
18	ponds. Additional related upgrades will be done to complete the
19	project
20	(54) Skyway water/sewer districtdomestic water projectreplace
21	and upsize the supply meter from the city of Seattle system and replace
22	approximately 6,350 feet of asbestos water supply line. In addition,
23	four new pressure zones interties will be installed to improve flow
24	between pressure zones within the water/sewer district \$1,130,526
25	(55) Spokanedomestic water projectreplace about 3,500 feet of
26	riveted steel water transmission mains with ductile iron pipe. In
27	addition, project will include all valves, connections, blowoffs, air
28	valves, railroad crossing, and pavement restoration and traffic control
29	
30	(56) Spokanedomestic water projectconstruct a 2 million gallon
31	elevated steel tank with an accompanying booster station. This will
32	include all piping, valves, telemetry, instrumentation, excavation and
33	site preparation including landscaping, paving, and fencing
34	
35	(57) Spokane countyroad projectconstruct a total of 8.3 miles
36	of roadway from Havana Street to Forker Road and from Forker Road from
37	Bigelow Gulch Road to Wellesley Road. The construction will provide
38	for expanding the road to four traveled lanes plus eight foot shoulders

1	to improve safety and traffic capacity. A center turn lane will be
2	added at locations where vehicles routinely make left turns. Eight
3	foot shoulders will be added to provide for safety of pedestrians and
4	bicycles
5	(58) Stanwooddomestic water projectconstruct a 1 million gallon
6	elevated water tank, water main, appurtenances, and equipment necessary
7	to connect the new water tank to the existing system. Project will
8	also install telemetry and control systems compatible with existing
9	system, construction of a Cedarhome booster pump station for filling
10	the Cedarhome reservoir, and improvements to the sites such as grading,
11	fencing, and landscaping
12	(59) Stevens Countysolid waste projectexpand municipal solid
13	waste site by construction of an 11 acre lateral expansion,
14	environmentally protective landfill lining and leachate collection
15	system and construction of ancillary facilities such as perimeter
16	roads. Leachate facilities will consist of piping, collection and
17	conveyance facilities
18	(60) Union Gapsanitary sewer projectconstruct approximately
19	3,400 feet of sewer interceptor and 1,800 feet of sewer laterals in
20	conjunction with new roadways in the Valley Mall Boulevard area
21	
22	(61) Washougalsanitary sewer projectconstruct a redundant
23	secondary clarifier adjacent to existing secondary clarifier, including
24	piping connections to the existing clarifier distribution structure,
25	scum pump station, and RAS/WAS pump room. Additional work will include
26	RAS/WAS pump room modifications for installation of dedicated return
27	and waste-activated sludge pumps, sidewalks, and site grading and all
28	necessary electrical hardware and SCADA control modifications. Project
29	will enable the city to meet their national pollution discharge
30	elimination system permit requirements \$794,000
31	(62) West Richlandsanitary sewer projectincrease capacity by
32	constructing a one million gallons per day biolac wastewater treatment
33	facility, approximately 2,700 feet of sanitary sewer pipe, lift
34	station, miscellaneous roadway patching, and site restoration. If
35	additional funds are available, improvements to the facilities outfall
36	structure will be designed along with facilities for sludge handling
37	from the sewer maintenance program. Project will enable the city to

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1	meet their national pollution discharge elimination system permit
2	requirements
3	(63) Witworth water district 2domestic water projectThe
4	district will solve the area problems by installing approximately
5	27,090 of water lines together with valves and appurtenances,
6	connection to the existing system, 15 hydrants, pavement repair, and
7	other surface restoration. In addition, installation of a two million
8	gallon steel reservoir and a 1,700 gallons per minute booster pump
9	station and various piping, appurtenances, pumps, controls, security,
10	electrical, and connection to existing system \$2,502,300
11	(64) Yakimasanitary sewer projectThe project will be done in
12	two phases. Phase I will install approximately 6,640 feet of sewer
13	main trunk line in River Road from North 16th Avenue to North 40th
14	Avenue. Phase II will install 5,500 feet of sewer main trunk line in
15	River Road from North 6th Avenue to North 16th Avenue if public works
16	trust fund loan funds remain and private development proceeds. The
17	project will help prevent further loss of major employers by providing
18	the transportation and utility infrastructure necessary to maintain
19	competitive operations

<u>NEW SECTION.</u> **Sec. 2.** 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.

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