

CERTIFICATION OF ENROLLMENT

HOUSE BILL 1049

Chapter 8, Laws of 2005

59th Legislature
2005 Regular Session

PUBLIC WORKS BOARD--PROJECT AUTHORIZATION

EFFECTIVE DATE: 3/28/05

Passed by the House January 26, 2005
Yeas 96 Nays 0

FRANK CHOPP

Speaker of the House of Representatives

Passed by the Senate March 23, 2005
Yeas 47 Nays 0

BRAD OWEN

President of the Senate

Approved March 28, 2005.

CHRISTINE GREGOIRE

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 1049** as passed by the House of Representatives and the Senate on the dates hereon set forth.

RICHARD NAFZIGER

Chief Clerk

FILED

March 28, 2005 - 2:42 p.m.

**Secretary of State
State of Washington**

HOUSE BILL 1049

Passed Legislature - 2005 Regular Session

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.

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

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

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

8 (1) Bainbridge Island--storm sewer project--construct a storm sewer
9 waste management facility including bins for storage of asphalt,
10 concrete, wood chips, rock, sand and gravel, and miscellaneous woody
11 debris; and test remaining soil and remove contaminated soils from the
12 Head of the Bay site \$782,000

13 (2) Bainbridge Island--sanitary sewer project--upgrade wastewater
14 treatment plant by upgrading the following: Headworks, biosolids,
15 oxidation ditch aeration basins, sludge holding basins, secondary
16 clarification, and sludge pumping and effluent outfall . . . \$3,618,000

17 (3) Battle Ground--sanitary sewer project--expand the capacity in
18 the shared use facilities by performing the design engineering and
19 construction for a parallel sewer line interceptor, 1 new transmission

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 district--sanitary 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 \$765,000

11 (5) Blaine--sanitary sewer project--construct 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 \$5,080,000

17 (6) Brewster--sanitary sewer project--retrofit 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 \$2,659,600

26 (7) Carnation--sanitary sewer project--eliminate 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 \$4,374,700

35 (8) Castle Rock--sanitary sewer project--upgrade 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 \$655,000

3 (9) Chinook water district--domestic water project--construct a new
4 package water filter plant \$1,425,000

5 (10) College Place--domestic water project--construct 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 \$2,975,000

11 (11) Douglas county--storm sewer project--construction 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 \$2,835,600

17 (12) Dupont--sanitary sewer project--replace 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 district--domestic 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) Eatonville--domestic water project--construct 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 \$807,500

30 (15) Edmonds--sanitary sewer project--lift 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 \$1,216,903

- 1 (16) Enumclaw--sanitary sewer project--upgrade 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 \$9,750,000
- 8 (17) Ephrata--sanitary sewer project--construction 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) Everett--sanitary sewer project--construct 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 district--domestic water project--solve 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 \$308,030
- 25 (20) Gig Harbor--sanitary sewer project--upgrade 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) Goldendale--road project--reconstruct 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 district--domestic water project--construct 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 \$573,750

1 (23) Ilwaco--sanitary sewer project--replace 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 \$774,000

6 (24) Jefferson County public utility district 1--domestic water
7 project--extend 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 \$2,000,000

13 (25) Jefferson County public utility district 1--sanitary sewer
14 project--replace 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) Kennewick--domestic water project--upgrade 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. 111--domestic 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 \$1,255,428

34 (28) King county water district No. 125--domestic 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

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 Park--sanitary sewer project--installation 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 \$4,656,000

12 (30) Leavenworth--domestic water project--reconstruct 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 alliance--sanitary sewer project--construct
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 \$4,278,404

22 (32) Malaga water district--domestic water project--construct 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 \$161,500

27 (33) Manchester water district--domestic water project--upgrade 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 \$970,870

36 (34) Mason county public utility district 1--domestic water
37 project--source improvements and system rehabilitation to the newly
38 acquired Arcadia Estates system. Project will include pump and

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 \$95,950

7 (35) Mason county public utility district 1--domestic water
8 project--rehabilitate 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 \$172,900

14 (36) Mason county public utility district 1--domestic water
15 project--address 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 1--domestic water
21 project--make 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 \$171,712

27 (38) Mason county public utility district 1--domestic water
28 project--make 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 \$217,550

34 (39) Northeast Sammamish sewer/water district--domestic water
35 project--construct 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

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 district--sanitary sewer project--install
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 \$814,634

10 (41) Northshore utility district--sanitary sewer project--install
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 \$113,334

17 (42) Oak Harbor--domestic water project--replace 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 Station--Whidbey . . .
23 \$834,700

24 (43) Orchard Avenue irrigation district number 6--domestic water
25 project--install 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 \$1,066,800

30 (44) Pierce County--road project--widen, 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) Pullman--sanitary sewer project--construct 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 \$1,912,000

8 (46) Pullman--domestic water project--construct 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 \$850,000

14 (47) Ridgefield--sanitary sewer project--construct 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) Ritzville--domestic water project--increase 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 \$845,000

25 (49) Ronald wastewater district--sanitary sewer project--sewer
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 district--sanitary sewer project--upgrade 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

1 (51) Seattle--storm sewer project--increase 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 \$3,400,000

9 (52) Seattle--storm sewer project--upgrade 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 \$450,500

14 (53) Seattle--storm sewer project--construct 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 \$1,832,600

20 (54) Skyway water/sewer district--domestic water project--replace
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) Spokane--domestic water project--replace 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 \$3,453,975

30 (56) Spokane--domestic water project--construct 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 \$2,232,950

35 (57) Spokane county--road project--construct 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 \$10,000,000

5 (58) Stanwood--domestic water project--construct 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 \$2,481,620

12 (59) Stevens County--solid waste project--expand 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 \$2,600,000

18 (60) Union Gap--sanitary sewer project--construct 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 \$676,429

22 (61) Washougal--sanitary sewer project--construct 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 Richland--sanitary sewer project--increase 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

1 meet their national pollution discharge elimination system permit
2 requirements \$4,000,000

3 (63) Witworth water district 2--domestic water project--The
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) Yakima--sanitary sewer project--The 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 \$2,307,000

20 NEW SECTION. **Sec. 2.** This act is necessary for the immediate
21 preservation of the public peace, health, or safety, or support of the
22 state government and its existing public institutions, and takes effect
23 immediately.

Passed by the House January 26, 2005.
Passed by the Senate March 23, 2005.
Approved by the Governor March 28, 2005.
Filed in Office of Secretary of State March 28, 2005.