



Department of Commerce

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Public Works Board

2016 Construction Loan List Funding Recommendation

November 2014

Report to Legislature

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Executive Summary

Background

The purpose of this report is to fulfill the statutory requirements of RCW 43.155.070(5)(b), which requires the Public Works Board (Board) to submit to the appropriate fiscal committees of the Senate and House of Representatives a ranked list of qualified public works projects that have been evaluated by the Board and are recommended for funding by the Legislature. Also included, as per statute, is the numerical ranking of the projects that failed to score high enough to be included in the funding range. There are 49 projects requesting a total of \$170 million being recommended for funding by the legislature. These requests support an additional \$215 million investment by the communities, private entities, and various federal programs. *Please note that for the 2013-2015 biennium only, RCW 43.155.070(5)(b) replaces the submission process for the Board's recommended Construction Loan List as outlined in RCW 43.155.070(7).*

Highlights

The following list of projects recommended for funding reflects the Board's implementation of the 2013-2015 biennial proviso as directed by the Legislature. This implementation includes:

- ◆ Maximizing local government use of federally funded drinking water and clean water state revolving funds (SRFs) using a two pronged approach:
 - ⇒ Water and sewer projects must have been on the unfunded 2014 Construction Loan List and were otherwise not funded since that time.
 - * Projects submitted through this approach had to have *not* been funded in anyway (e.g., state or federal funding, private funding, etc.).
 - * Projects submitted through this approach could not have any expansion from the original 2014 list's scope of work. If the scope of work significantly changed between the 2014 funding cycle and the 2016 funding cycle, the project was *not* eligible for the program.
 - ⇒ Water and sewer projects that were not on the unfunded 2014 Construction Loan List could only access the 2016 Construction Loan cycle by first having sought funding from the Department of Health (Health) for the water projects, or the Department of Ecology (Ecology) for the sewer projects.
 - * This requirement was extensively publicized during the 2016 Construction Loan application cycle. It was mentioned in depth during six application workshops and three application webinars. Individual conversations between staff and potential applicants also outlined this requirement. Therefore, it is difficult to gauge how many applicants chose *not* to seek funding because they did not meet this requirement.

One application was submitted for funding that failed to meet either of these requirements. This application failed to meet the threshold requirements and was not reviewed for inclusion on the Board's funding recommendation list.

All water and sewer applications were reviewed by Health and Ecology to ensure that the above criteria were met.

Board staff have actively encouraged the water and sewer applicants on the recommended funding list to apply for funding through the appropriate SRF programs, which are accepting applications in the Fall of 2014. Any projects that receive funding through these programs will be removed from the 2016 Construction Loan List funding recommendation.

Highlights (continued)

In addition to maximizing local governments' use of federal funding resources, the Board updated its threshold, rate setting, and other factors used to create a numerically rated and ranked recommendation for funding in alignment with the proviso language.

Threshold criteria changes

In addition to the statutorily required threshold criteria (system type, client type, etc.), the Board adopted the following threshold criteria:

- ◇ Each applicant must have in place at time of application submittal (May 16, 2014) an adopted policy to reduce greenhouse gas emissions.
- ◇ Each applicant must submit a written acknowledgement of the need to maintain adequate revenue streams sufficient to provide debt service coverage, as well as system operation expenses, in the event that the applicant is awarded funding.
- ◇ The maximum amount of loan funding an applicant may receive is \$7 million in total. The applicant may submit more than one loan application, but the total loan amount recommended for funding cannot exceed \$7 million.

NOTE: This amount is less than the maximum loan amount of \$10 million identified in the proviso language.

Interest rate changes

The Board established a policy in February 2014 to enact the proviso direction of setting interest rates based on the average market rate for tax-exempt municipal bonds. Rates were initially established using the average daily market interest rate for tax-exempt municipal bonds as published in the Bond Buyer's Index between January 1, 2014, and February 28, 2014.

2016 Construction Loan Interest Rates and Terms	
<i>Non-Distressed Communities</i>	
Term	Rate
<5 years or less	1.28%
5 – 20 years	2.55%

- ◇ Applicants who are not fiscally distressed will have an interest rate of 2.55% with a repayment period of between 6 and 20 years.

2016 Construction Loan Interest Rates and Terms			
<i>Distressed Communities</i>			
		Rate Based System	Non-Rate Based System
Rate	Term	Affordability Index ¹	Debt Service Coverage Ratio ²
1.70%	Up to 25 years	1.51% to 2.5%	1.01% to 2%
1.28%	Up to 30 years	2.51% or higher	1% or less

- ◇ Applicants who are **fiscally distressed** will have an interest rate of 1.70% with a repayment period of between 6 and 25 years (not to exceed the life of the asset being financed).

- ◇ Applicants who are **severely fiscally distressed**, or whose projects are in counties impacted by the SR 530 slide or wildfires, will have an interest rate of 1.28% with a repayment period of between 6 and 30 years (not to exceed the life of the asset being financed).

¹The Affordability Index is calculated as:

$$\frac{["\text{New Average Utility Rate"} \times 12 \text{ months}]}{\text{Median Household Income}}$$

²The Debt Service Coverage Ratio is used to determine the applicant's debt capacity availability to meet the debt service requirements of the proposed loan. It is calculated as:

$$\frac{\text{Net Operating Income}}{[\text{Principal Repayments} + \text{Interest Payments}]}$$

Principal and interest includes existing loans, anticipated loans from the Board, and loans from other sources for the applicant's project.

Overview

The following pages provide a list of construction projects for which local governments are seeking funding through the Public Works Board.

The meaning of the table column headers prefaces the sections describing those projects recommended for funding as well as those that are not recommended.

The first section showcases those projects that, using the numerical scoring and consideration criteria as identified in RCW 43.155, are being recommended by the Board for funding by the 2015 Legislature.

The second section identifies those projects, using the same criteria, that did not garner scores sufficient for funding recommendation.

Column Title Definitions

TITLE	USED FOR:
TOTAL SCORE (100 points)	Cumulative score comprised of Need, Effort, and the sub categories within Category and Readiness to Proceed . [RCW 43.155.070(5)(a)(x)(A-H)]
EFFORT (40 points)	Cumulative score consisting of sub categories that measure the applicant’s fiscal management, prior capital project accomplishments, planning management, and sustainability efforts. [RCW 43.155.070(5)(a)(v) and (viii)]
NEED (60 points)	Cumulative score consisting of sub categories that measure the severity of the issue that the project is supposed to resolve (or the opportunity that the project is supposed to develop) and the Category of project (size of impact to community) [RCW 43.155.070(5)(a)(i)]
R2P (19 points) - Contained within NEED	Readiness to Proceed (R2P) is a part of the total 60 points in Need ; This is an attempt to identify which projects are “shovel ready.” The responses to these questions are as of “time of application,” which was May 16, 2014. Construction Loan funding will not be available until July 1, 2015, at the earliest. Applicants with high R2P scores either are already started on a multi-phased project, or the majority of the questions asked in this section were not applicable to the project due to it being something not requiring a lot of earth moving (e.g., metering). [RCW 43.155.070(5)(a)(iii)]
CATEGORY (8) - Contained within NEED	The system part affected by the project (treatment, storage, trunk lines, telemetry, etc.); it is part of the 60 Need points. Water treatment will impact everyone on the system, so it scores high. Transmission mains will impact a portion of the overall system, so that scores lower. This is the application component that identifies “Whether the project is critical in nature and would affect the health and safety of a great number of citizens.” [RCW 43.155.070(5)(a)(i)]
APPLICANT	Name of entity applying for 2016 Construction Loan funding.
PROJECT TITLE	Name of the project for which the applicant is seeking funding.
DESCRIPTION	Identification of what the funding request will construct.
LOAN REQUEST	The amount of money for which applicants seek funding. Maximum amount of \$7 million. No minimum. [RCW 43.155.070(5)(b)]
TOTAL PROJECT COSTS	The total estimated cost of the project recommended for funding through the 2016 Construction Loan program.

Column Title Definitions (*continued*)

TITLE	USED FOR:
ESTIMATED INTEREST RATES	<p>The interest rate for the 2016 Construction Loan program is defined by RCW 43.155.070(14)(b). The Board, as authorized by this section, adopted a policy to review interest rate assumptions twice during the 2016 Construction Loan process:</p> <ol style="list-style-type: none"> Interest rates were initially established at the February 2014 Public Works Board meeting using the criteria identified above. Regardless of the interest rate, the repayment period will not exceed the life of the asset being constructed. The rates at this time are: <ul style="list-style-type: none"> 2.55% with a 20-year repayment period for <i>non-distressed</i> communities 1.70% with a 25-year repayment period for <i>distressed</i> communities 1.28% with a 30-year repayment period for <i>severely distressed</i> communities, including projects in counties that have been impacted by the Highway 530 slide and the wildfires (Snohomish, Adams, Benton, Chelan, Grant, Okanogan, and Walla Walla) Interest rates will be reviewed during May and June 2015, prior to contract issuance. If the average daily market rate for tax-exempt municipal bonds is lower than it was when the rates were established in February 2014, then the Board will contract at the lower rate. If the rates are higher, the Board will keep the original rates as identified above.
ESTIMATED LOAN TERMS	<p>Loan term criteria was set at the February 2014 Public Works Board meeting. The terms are as follows:</p> <ul style="list-style-type: none"> 20-year repayment period for non-distressed communities 25-year repayment period for distressed communities 30-year repayment period for severely distressed communities <p><i>Regardless of the community's distress level, the loan repayment period will not exceed the life of the asset being constructed.</i></p>
COUNTY	County in which the project is located.
UNEMPLOYMENT RATED AS OF 7/1/14	<p>This is the applicant's county unemployment rate for July 2014, the most recent month published by Employment Security Department. July's rates will be published at the end of August. Applicants with rates HIGHER than the statewide average are highlighted in purple. [RCW 43.155.070(5)(a)(iv)]</p>
SYSTEM TYPE	Dominant system for which funding is being sought.

2016 Construction Projects Recommended for Funding

The following list of projects are recommended by the Public Works Board for funding.

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TOTAL SCORE (100)	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	DESCRIPTION
86	35	51	17	6	Omak	Sewer System Improvements	Project replaces 50+ year old, failing sewer components including interceptor, trunk, and collector sewers, manholes, and coal tar impregnated wood fiber side sewers.
85	25	60	8	8	Port Townsend	LT2ESWTR Water Treatment Facility	Project constructs a low pressure membrane filtration and chlorination water treatment facility.
81.5	25.5	56	18	8	Port Angeles	Landfill Cell Stabilization	Project includes installation of new landfill cover systems, mechanically reinforcing the earth wall system, modifications to the existing seawall and access road, as well as restoration and/or improvements to the landfill gas, leachate, and stormwater
80.5	30.5	50	15	2	King County	North Beach CSO	Project constructs a combined sewer/stormwater overflow storage tank and pumping facilities.
76.5	20.5	56	3	8	Bellingham	Cornwall Avenue Landfill	Construction of an upland low permeability cap with stormwater controls and shoreline protection/stabilization and in-water enhanced natural recover with a thin layer sediment cap. Project required as part of a Consent Decree between the Department of Ecology and the community, a clean up order pursuant to the Model Toxics Control Act.
75	31	44	14	6	Othello	SR 24 Industrial Area Sewer System Improvements	Project constructs a new sewer system to replace 36 existing septic systems.
71	25	46	7	6	Ferndale	Sewer Collection System Improvements	Replacement of failing sewer mains in alignment with the Sewer Comprehensive Plan.

APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT COSTS	ESTIMATED INTEREST RATES	ESTIMATED LOAN TERMS	COUNTY	UNEMPLOYMENT RATE AS OF 7/1/14	SYSTEM TYPE
Omak	Sewer System Improvements	\$3,706,000	\$4,009,000	1.28%	30	Okanogan	4.7%	Sanitary Sewer
Port Townsend	LT2ESWTR Water Treatment Facility	\$5,000,000	\$17,000,000	1.70%	25	Jefferson	6.5%	Drinking Water
Port Angeles	Landfill Cell Stabilization	\$7,000,000	\$19,982,677	2.55%	20	Clallam	6.9%	Solid Waste
King County	North Beach CSO	\$7,000,000	\$14,905,928	2.55%	20	King	4.9%	Sanitary Sewer
Bellingham	Cornwall Avenue Landfill	\$4,000,000	\$9,099,231	2.55%	20	Whatcom	5.3%	Solid Waste
Othello	SR 24 Industrial Area Sewer System	\$3,000,000	\$3,000,000	1.28%	30	Adams	6.1%	Sanitary Sewer
Ferndale	Sewer Collection System Improvements	\$1,600,000	\$1,820,000	1.70%	25	Whatcom	5.3%	Sanitary Sewer

TOTAL SCORE (100)	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	DESCRIPTION
69	15	54	8	8	Bonney Lake	SR 410 - 214th Ave E Intersection Improvements	Project adds left turn lanes, curbs, gutters, sidewalks, and bike lanes on SR 410 and 214th Avenue. Project spans 214th Avenue from 96th Street to 101st Street, and SR410 from 211th Avenue through 216th Avenue.
67.5	32.5	35	16	8	Wenatchee	Storm System Rehabilitation	Project will rehabilitate existing stormwater pipe through the use of "trenchless" technology to line the existing pipe and installation of a sediment and treatment processes.
66.5	28.5	38	12	8	Everett	Water Pollution Control Facility Expansion Phase C	Project is to expand capacity to existing wastewater treatment facility that is at capacity.
64.5	28.5	36	16	6	Lakehaven Utility District	Federal Way Sewer	Project replaces undersized, elderly sewer trunk with a size commensurate with the area's high density zoning.
64.5	27.5	37	13	2	Kelso	Yew Street Reconstruction	Replacement of a failed street; project will include street improvements including bike lanes, sidewalks and stormwater management; project aligns with Growth Management.
64.5	13.5	51	6	6	Warden	Well #8 and Well #9	Project includes creation of a new well, decommissioning of an existing well, and the conversion of two wells for new purposes (irrigation and potable water).
64	26	38	11	6	Lexington Flood Control District	S Fork (McCorkle) Creek Stormwater Detention Facility	Project expands the capacity of the existing stormwater detention facility including wetland and stream mitigation.

APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT COSTS	ESTIMATED INTEREST RATES	ESTIMATED LOAN TERMS	COUNTY	UNEMPLOYMENT RATE AS OF 7/1/14	SYSTEM TYPE
Bonney Lake	SR 410 - 214th Ave E Intersection Improvements	\$5,200,000	\$5,904,000	2.55%	20	Pierce	5.9%	Street
Wenatchee	Storm System Rehabilitation	\$1,762,000	\$1,762,000	1.28%	30	Chelan	4.7%	Storm Water
Everett	Water Pollution Control Facility Expansion Phase C	\$7,000,000	\$76,300,000	1.28%	30	Snohomish	5.3%	Sanitary Sewer
Lakehaven Utility District	Federal Way Sewer	\$2,000,000	\$4,800,000	2.55%	20	King	4.9%	Sanitary Sewer
Kelso	Yew Street Reconstruction	\$1,410,464	\$1,590,464	2.55%	20	Cowlitz	7.0%	Street
Warden	Well #8 and Well #9	\$1,800,000	\$4,300,000	1.28%	30	Grant	5.6%	Drinking Water
Lexington Flood Control District	S Fork (McCorkle) Creek Stormwater Detention Facility	\$4,600,000	\$5,143,000	2.55%	20	Cowlitz	7.0%	Storm Water

TOTAL SCORE (100)	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	DESCRIPTION
62.5	31.5	31	13	1	Walla Walla	AMI Water Meter Replacement	Installation of an Advanced Metering Infrastructure system.
62.5	22.5	40	4	1	Point Roberts Water District #4	Water Main Replacement	Project replaces 50+ year old failing and undersized water mains.
61.5	23.5	38	11	8	Lakehaven Utility District	Lakota Digester Mixer Project	Project is to expand capacity to existing wastewater treatment facility that is at capacity.
61.5	19.5	42	7	1	Lake Forest Park Water District	Priority Steel Pipe Replacements 2014-2017	Project replaces 60+ year old failing and undersized water mains.
60	27	33	8	4	Ferndale	Sewer Pump Station Improvements	Repair and rehabilitation of 35+ year old sewage pump stations in alignment with the Sewer Comprehensive Plan.
60	23	37	11	8	Longview	Washington Way Bridge Replacement	Project replaces timber bridge built in 1935 with one built to modern load and design standards.
59.5	28.5	31	15	1	Sunland Water District	Water Metering	Installation of water meters on all service connections including meter reading, accounting, recording, billing, and financial hardware and software.

APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT COSTS	ESTIMATED INTEREST RATES	ESTIMATED LOAN TERMS	COUNTY	UNEMPLOYMENT RATE AS OF 7/1/14	SYSTEM TYPE
Walla Walla	AMI Water Meter Replacement	\$5,926,746	\$5,926,746	1.28%	30	Walla Walla	4.9%	Drinking Water
Point Roberts Water District #4	Water Main Replacement	\$4,732,125	\$4,732,125	2.55%	20	Whatcom	5.3%	Drinking Water
Lakehaven Utility District	Lakota Digester Mixer Project	\$5,000,000	\$6,000,000	2.55%	20	King	4.9%	Sanitary Sewer
Lake Forest Park Water District	Priority Steel Pipe Replacements 2014-2017	\$1,700,000	\$1,856,504	2.55%	20	King	4.9%	Drinking Water
Ferndale	Sewer Pump Station Improvements	\$3,800,000	\$4,220,000	1.70%	25	Whatcom	5.3%	Sanitary Sewer
Longview	Washington Way Bridge Replacement	\$1,380,084	\$6,549,060	2.55%	20	Cowlitz	7.0%	Bridge
Sunland Water District	Water Metering	\$325,000	\$325,000	2.55%	20	Clallam	6.9%	Drinking Water

TOTAL SCORE (100)	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	DESCRIPTION
59	18	41	6	1	Long Beach	Seaview Water Distribution System Improvements	Project replaces 60+ year old failing and undersized water mains.
57	30	27	12	1	Alderwood Water & Wastewater District	Pressure Reduction & Overflow Management	Project jointly constructs a sewer pipeline and a water pipeline taking advantage of joint alignment within 196th St SE including trenchless crossing of SR 527 and Silver Creek.
57	19	38	12	8	Kennewick	Southridge Area Infrastructure Development	Project widens Hildebrand Boulevard and Sherman Street, constructs a roundabout, and realigns as well as widens Ridgeline Drive.
56	23	33	7	8	Camas	NW 6th Ave Rehabilitation	Project reconstructs NW 6th Avenue, the primary entrance to Camas and the Georgia Pacific mill, from Norwood Street to Adams Street. This includes taking advantage of the road construction to replace a 56 year old water main.
56	23	33	6	8	Duvall	SR 203 Safety Improvements & Road Reconstruction Coe Clemens Creek	Reconstruction of SR 203 between Valley and Kennedy streets. Project includes surfacing improvements, bike lanes, curb, gutter, and sidewalk installation.
55.5	24.5	31	7	1	Ilwaco	Sahalee Water System Improvements	Replacement of asbestos cement water pipe and installation of a water main and a pressure reducing valve that will create reliability and a system loop.
55	24	31	6	1	Lakewood Water District	Replacement of water mains & service lines	Project replaces 60+ year old failing and undersized water mains.

APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT COSTS	ESTIMATED INTEREST RATES	ESTIMATED LOAN TERMS	COUNTY	UNEMPLOYMENT RATE AS OF 7/1/14	SYSTEM TYPE
Long Beach	Seaview Water Distribution System Improvements	\$1,130,000	\$1,130,000	1.70%	25	Pacific	7.2%	Drinking Water
Alderwood Water & Wastewater District	Pressure Reduction & Overflow Management	\$7,000,000	\$10,426,000	1.28%	30	Snohomish	5.3%	Drinking Water
Kennewick	Southridge Area Infrastructure Development	\$7,000,000	\$7,674,600	1.28%	30	Benton	5.6%	Street
Camas	NW 6th Ave Rehabilitation	\$1,900,000	\$1,909,600	2.55%	20	Clark	6.3%	Street
Duvall	SR 203 Safety Improvements & Road Reconstruction Coe Clemens Creek	\$1,500,000	\$3,542,318	2.55%	20	King	4.9%	Street
Ilwaco	Sahalee Water System Improvements	\$1,257,900	\$1,257,900	1.70%	25	Pacific	7.2%	Drinking Water
Lakewood Water District	Replacement of Water Mains & Service Lines	\$3,850,000	\$6,000,000	2.55%	20	Pierce	5.9%	Drinking Water

TOTAL SCORE (100)	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	DESCRIPTION
55	18	37	4	6	Birch Bay Water and Sewer District	PS #3 to PS #4 Sewer Capacity Increase including waterline work	Construction of transmission line to expand sewer capacity as system is at the end of its current capacity configuration. Opportunistic concurrent water line replacement while the roads are dug up for the sewer line work.
55	18	37	2	6	Clark Regional Wastewater District	North Junction Sewer Collection System	Project is to build a T-10 trunk sewer, pump station, and force main to connect with the Discovery Corridor Wastewater Transmission system at Pioneer Canyon Pump Station.
55	13	42	0	8	Waitsburg	Main Street Bridge Replacement	Project replaces bridge built in 1925 with one built to modern load and design standards. City paying 35% of project costs. Army Corps of Engineers covering the remaining 65%.
54.5	26.5	28	7	8	Clark County	NE 10th Ave (154th to 164th St.)	Project is to build a multi-modal bridge and modernize a 7/10ths of a mile stretch of 10th Avenue in alignment with the area's growth management planning.
54.5	16.5	38	12	8	Des Moines	S 216th St Segment 1-A	Project is the final step in the Transportation Gateway Project. Project includes all things necessary to widen S 216th from 24th Avenue South and SR 99.
53.5	21.5	32	6	1	La Conner	AC Water Transmission Main Replacement - North Segment	Project replaces failing 50 year old water mains from Young Road to Downey Road.
53.5	15.5	38	4	8	Kitsap County Sewer District #7	Replace Digester #1	Replacement of a corroded digester, installation of a sludge overflow diversion wall, and replacement of pavement subject to heavy truck traffic.

APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT COSTS	ESTIMATED INTEREST RATES	ESTIMATED LOAN TERMS	COUNTY	UNEMPLOYMENT RATE AS OF 7/1/14	SYSTEM TYPE
Birch Bay Water and Sewer District	PS #3 to PS #4 Sewer Capacity Increase including waterline work	\$2,500,000	\$2,500,000	2.55%	20	Whatcom	5.3%	Sanitary Sewer
Clark Regional Wastewater District	North Junction Sewer Collection System	\$3,500,000	\$3,610,000	2.55%	20	Clark	6.3%	Sanitary Sewer
Waitsburg	Main Street Bridge Replacement	\$600,000	\$1,786,000	1.28%	30	Walla Walla	4.9%	Bridge
Clark County	NE 10th Ave (154th to 164th St.)	\$7,000,000	\$23,629,000	2.55%	20	Clark	6.3%	Street
Des Moines	S 216th St Segment 1-A	\$3,000,000	\$8,149,100	2.55%	20	King	4.9%	Street
La Conner	AC Water Transmission Main Replacement - North Segment	\$827,000	\$927,000	2.55%	20	Skagit	5.8%	Drinking Water
Kitsap County Sewer District #7	Replace Digester #1	\$650,000	\$720,000	2.55%	20	Kitsap	5.1%	Sanitary Sewer

TOTAL SCORE (100)	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	DESCRIPTION
53	33	20	15	8	Washougal	Phase 2 Wastewater Treatment Plant Improvements	Project is to expand capacity to existing wastewater treatment facility that is at capacity.
52.5	22.5	30	3	1	Lake Forest Park	Lyon Creek Flood Reduction Project	Project includes increasing the size of culverts, stream channel improvements, and wetland enhancements to Lyon Creek from 44th avenue to Lake Washington.
52	24	28	7	6	Skyway Water and Sewer District	Skyway Park North Phase 1 Sewer Replacement	Project replaces 60+ year old failing and undersized sewer main system. Project is being completed in conjunction with water project to take advantage of roads already being dug up.
51	21	30	4	1	Skyway Water and Sewer District	2 to 4 Inch Water Main Replacement Project	Project replaces 50+ year old failing and undersized water mains. Project is being completed in conjunction with water project to take advantage of roads already being dug up..
50.5	23.5	27	7	6	Toppenish	Sewer Collection System Improvements	Replacement of the Penny Street lift station and 6,000 linear feet of sewer mains.
50	23	27	6	6	Cross Valley Water District	Echo Lake Area Water System Improvements	Construction of new well, including pumps, piping, controls, telemetry, and structure; replacement of undersized stand pipe; and installation of new pressure reducing valves.
50	19	31	8	8	Redmond	Redmond Way & Cleveland Street Couplet Conversion	Project reconstructs downtown street core to modern multi-modal specifications including ADA compliance, a westbound Business Access to Transit (BAT) lane, and energy efficient lighting.

APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT COSTS	ESTIMATED INTEREST RATES	ESTIMATED LOAN TERMS	COUNTY	UNEMPLOYMENT RATE AS OF 7/1/14	SYSTEM TYPE
Washougal	Phase 2 Wastewater Treatment Plant Improvements	\$7,000,000	\$16,053,360	2.55%	20	Clark	6.3%	Sanitary Sewer
Lake Forest Park	Lyon Creek Flood Reduction Project	\$1,598,040	\$5,833,079	2.55%	20	King	4.9%	Storm Water
Skyway Water and Sewer District	Skyway Park North Phase 1 Sewer Replacement	\$4,121,575	\$4,562,075	2.55%	20	King	4.9%	Sanitary Sewer
Skyway Water and Sewer District	2 to 4 Inch Water Main Replacement Project	\$2,874,000	\$2,874,000	2.55%	20	King	4.9%	Drinking Water
Toppenish	Sewer Collection System Improvements	\$1,000,000	\$1,000,000	1.28%	30	Yakima	5.8%	Sanitary Sewer
Cross Valley Water District	Echo Lake Area Water System Improvements	\$3,235,000	\$3,235,000	2.55%	20	Snohomish	5.3%	Drinking Water
Redmond	Redmond Way & Cleveland Street Couplet Conversion	\$7,000,000	\$25,680,000	2.55%	20	King	4.9%	Street

TOTAL SCORE (100)	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	DESCRIPTION
50	16	34	3	8	Sammamish	Inglewood Stormwater Improvements	Project constructs a new storm water collection system, trunk line conveyance, and outfall to Lake Sammamish.
49.5	25.5	24	11	1	Concrete	Water System Improvements	Project is to replace wood stave pipes with modern plumbing suitable for drinking water and the addition of metering the town well and the service users.
49	25	24	12	4	Southwest Suburban Sewer District	Pump Station #14 Rehabilitation & Pump Station #15 Elimination	Project rehabilitates and upgrades pump station #14, eliminating the need for pump station 15, a failing, poorly located pump station.
48.5	15.5	33	9	8	Quincy	Wastewater Discharge Pipeline & Reuse Project	This project is to improve the quality of treated wastewater to Class A standards available for industrial use as well as to build a new effluent pipeline route that discharges to injection wells and/or reuse water storage.
48.5	12.5	36	3	6	Mountlake Terrace	Main Street Project	Project reconstructs downtown street core to modern multi-modal specifications including ADA compliance, bike lanes, parking, stormwater management, and energy efficient lighting.
48	25	23	8	6	La Conner	Caledonia Stormwater Pump Station Replacement	Reconstruction of a failing stormwater pump station to modern standards and demands.

APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT COSTS	ESTIMATED INTEREST RATES	ESTIMATED LOAN TERMS	COUNTY	UNEMPLOYMENT RATE AS OF 7/1/14	SYSTEM TYPE
Sammamish	Inglewood Stormwater Improvements	\$3,385,000	\$3,385,000	2.55%	20	King	4.9%	Storm Water
Concrete	Water System Improvements	\$1,096,500	\$1,096,500	2.55%	20	Skagit	5.8%	Drinking Water
Southwest Suburban Sewer District	Pump Station #14 Rehabilitation & Pump Station #15 Elimination	\$1,730,000	\$2,200,000	2.55%	20	King	4.9%	Sanitary Sewer
Quincy	Wastewater Discharge Pipeline & Reuse Project	\$7,000,000	\$16,475,000	1.28%	30	Grant	5.6%	Sanitary Sewer
Mountlake Terrace	Main Street Project	\$5,400,000	\$18,025,169	1.28%	30	Snohomish	5.3%	Street
La Conner	Caledonia Stormwater Pump Station Replacement	\$711,000	\$711,000	2.55%	20	Skagit	5.8%	Storm Water
TOTAL AMOUNT REQUESTED: <u>\$170,206,434</u>				TOTAL PROJECT COSTS: <u>\$385,825,436</u>				

2016

Non-Recommended

Loan Applicants

The following list of projects are not recommended for funding by the Public Works Board.

NOT RECOMMENDED PROJECTS

TOTAL SCORE	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT	COUNTY	SYSTEM TYPE
46	26	20	11	8	Bellevue	NE 4th St Extension/116th to 120th Ave NE	\$2,100,000	\$34,274,500	King	Street
46.5	25.5	21	12	1	Birch Bay Water and Sewer District	Automated Meter Reading Program	\$1,500,000	\$1,500,000	Whatcom	Drinking Water
44	22	22	9	2	Black Diamond	0.5 MG Water Tank Repainting	\$170,000	\$199,000	King	Drinking
45	9	36	2	6	Bonney Lake	VMD/Angeline Rd Intersection	\$1,780,000	\$1,877,000	Pierce	Street
42.5	23.5	19	9	8	Clark Public Utilities	Paradise Point Water Supply System	\$7,000,000	\$7,000,000	Clark	Drinking Water
27.5	13.5	14	0	1	Duvall	Tolt 2 Supply Line Replacement	\$1,750,000	\$1,850,000	King	Drinking Water
45.5	18.5	27	4	1	Ferndale	Brown Road Culvert Replacement	\$300,000	\$300,000	Whatcom	Storm Water
42	29	13	11	1	Ferndale	Thornton to Newkirk Watermain Improvements	\$300,000	\$300,000	Whatcom	Drinking Water
47	26	21	10	1	Gig Harbor	50th St Improvements	\$745,000	\$820,000	Pierce	Street
40.5	21.5	19	4	1	Ilwaco	System-wide SCADA Improvements	\$1,751,200	\$1,751,200	Pacific	Drinking Water
39.5	18.5	21	4	1	Kelso	Chestnut St Reconstruction	\$2,472,931	\$2,822,931	Cowlitz	Street
33.5	10.5	23	0	8	Kent	South 228th St Grade Separation	\$7,000,000	\$25,000,000	King	Bridge
35	21	14	5	1	King County Water District #90	744 Pressure Zone	\$2,204,000	\$2,204,000	King	Drinking Water
42.5	21.5	21	3	4	Lynden	Pepin Creek Re-Alignment	\$3,000,000	\$5,371,289	Whatcom	Storm Water
48	16	32	9	2	Mabton	Water System Improvements (Water Main & Reservoir)	\$3,253,000	\$3,253,000	Yakima	Drinking Water

NOT RECOMMENDED PROJECTS

TOTAL SCORE	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT	COUNTY	SYSTEM TYPE
48	20	28	8	8	Mukilteo Water & Wastewater District	Secondary Clarifier, Splitter Box, & Aerobic Digester	\$7,000,000	\$8,476,000	Snohomish	Sanitary Sewer
42.5	21.5	21	5	1	Northshore Utility District	451 Pressure Zone Regional Vault	\$1,233,730	\$1,233,730	King	Drinking Water
41	20	21	5	1	Northshore Utility District	425 and 450 Pressure Zone Modifications	\$442,650	\$442,650	King	Drinking Water
47	32	15	14	1	Othello	SR 24 Industrial Area Water System Improvements	\$1,800,000	\$1,800,000	Adams	Drinking Water
37.5	19.5	18	7	1	Royal City	Camellia Street Water Line Replacement	\$500,000	\$500,000	Grant	Drinking Water
42	21	21	5	4	Shoreline	Stormwater Pipe Repair & Replacement Project	\$4,255,195	\$4,840,000	King	Storm Water
35	17	18	4	1	Snoqualmie	Water Facility Generators	\$1,500,000	\$1,500,000	King	Drinking Water
43.5	25.5	18	11	1	Spokane	Steel Transmission Main Replacements	\$4,460,000	\$7,784,000	Spokane	Drinking Water
42.5	24.5	18	11	1	Spokane	Top System Transmission Main Replacement	\$4,128,000	\$9,677,000	Spokane	Drinking Water
45.5	34.5	11	19	1	Thurston County PUD 1	Meter Replacement	\$122,850	\$122,850	Thurston	Drinking Water
44.5	23.5	21	8	1	Thurston County PUD 1	Tanglewilde-Thompson Place Isolation Valve Project	\$202,312	\$202,312	Thurston	Drinking Water
45.5	24.5	21	12	1	Tukwila	Andover Park East Water Main Replacement	\$3,131,000	\$5,478,445	King	Drinking Water
45	19	26	3	2	Tumwater	Kirsop Road Grade Modification and Reconstruction	\$1,600,000	\$1,745,000	Thurston	Street

NOT RECOMMENDED PROJECTS

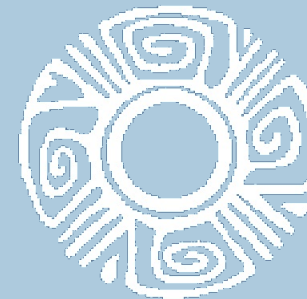
TOTAL SCORE (100)	EFFORT (40)	NEED (60)	R2P (19)	CATEGORY (8)	APPLICANT	PROJECT TITLE	LOAN REQUEST	TOTAL PROJECT	COUNTY	SYSTEM TYPE
31.5	8.5	23	2	6	Wenatchee	Street Pavement Preservation	\$4,500,000	\$6,500,000	Chelan	Street
38	16	22	4	8	West Richland	2013 Water System Improvements (Well #10)	\$1,000,000	\$1,000,000	Benton	Drinking Water
41	15	26	4	6	Westport	South Wellfield - Deep Well	\$677,000	\$677,000	Grays Harbor	Drinking Water
37	16	21	8	1	Westport	Sewage Pump Station Control Panel Upgrades	\$238,310	\$238,310	Grays Harbor	Sanitary Sewer
37	13	24	5	4	Westport	Sewage Pump Station #11 Upgrade	\$436,000	\$436,000	Grays Harbor	Sanitary Sewer
36.5	13.5	23	4	1	Westport	Citywide Chip Seal Resurfacing Program	\$280,400	\$280,400	Grays Harbor	Street
26	18	8	4	2	Yarrow Point	92nd Ave NE Pathway Extension	\$865,000	\$865,000	King	Street

Total Unfunded Loan Requests: \$73,698,578

Total Unfunded Projects Cost: \$142,321,617

Board Member**Membership type**

Stan Finkelstein	General Public
Janet (JC) Baldwin	General Public
Ted Carlson	City
Pam Carter	Water and Sewer District
Jerry Cummins	City
Mary Margaret Haugen	General Public
Ed Hildreth	City
Scott Hutsell	County
Diane Pottinger	Water and Sewer District
Matthew Rasmussen	County
Mark Scott	Public Utility District
Lisa Wellman	General Public

**Board Staff***Management Team*

Kendee Yamaguchi	Assistant Director—Department of Commerce Executive Director—Public Works Board
Cecilia Gardener	Managing Director—Program and Policy Development Unit
Bruce Lund	Managing Director—Technical and Impact Assistance

Board Staff

Ann Campbell	Program and Policy Development Specialist	Steve Dunk	Regional Service Coordinator
Cindy Chavez	Budget Analyst	Chris Gagnon	Regional Service Coordinator
Mike Copeland	Fund Manager and Underwriter	Isaac Huang	Regional Service Coordinator
Rodney Orr	Information Services	Lynn Kohn	Regional Service Coordinator
Barbara Smith	Board Liaison	Jacki Skaught	Regional Service Coordinator

Please visit <http://www.pwb.wa.gov/public-works-board/board-staff/Pages/default.aspx> for contact information.