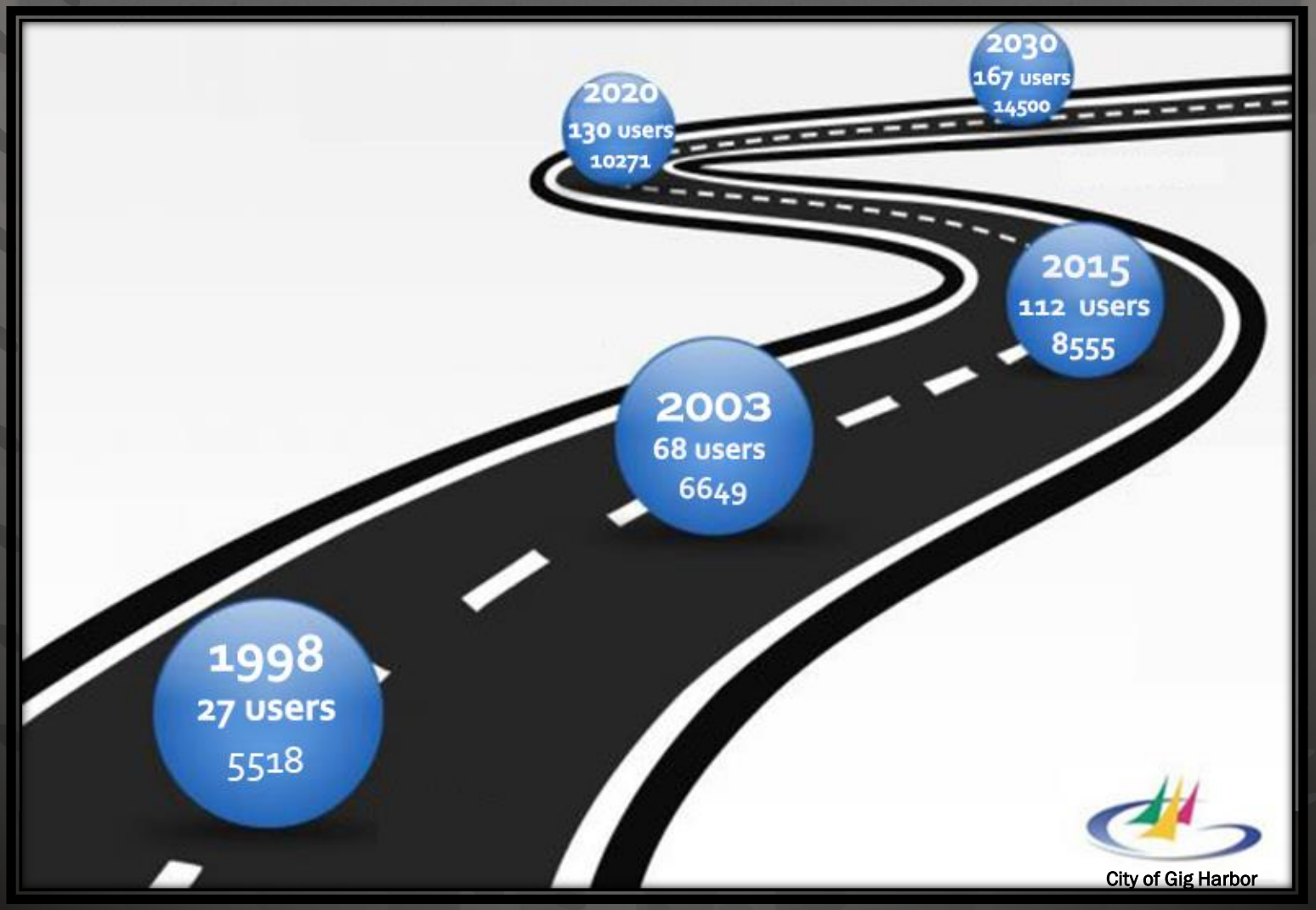
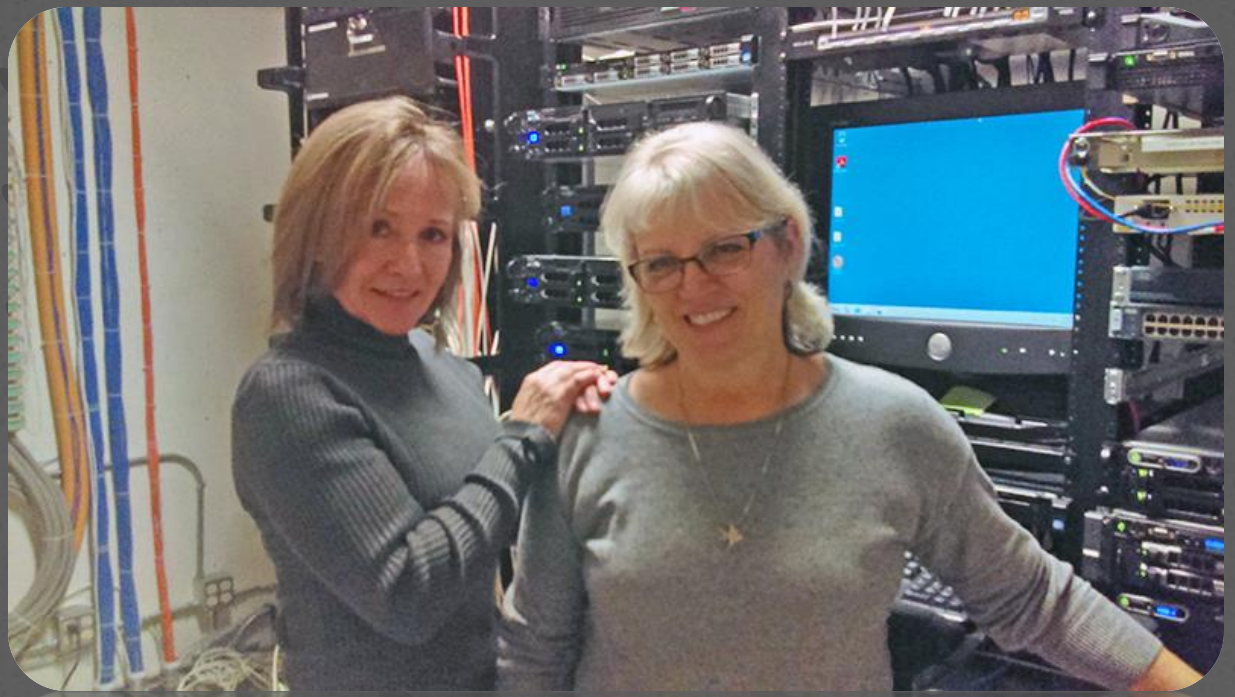
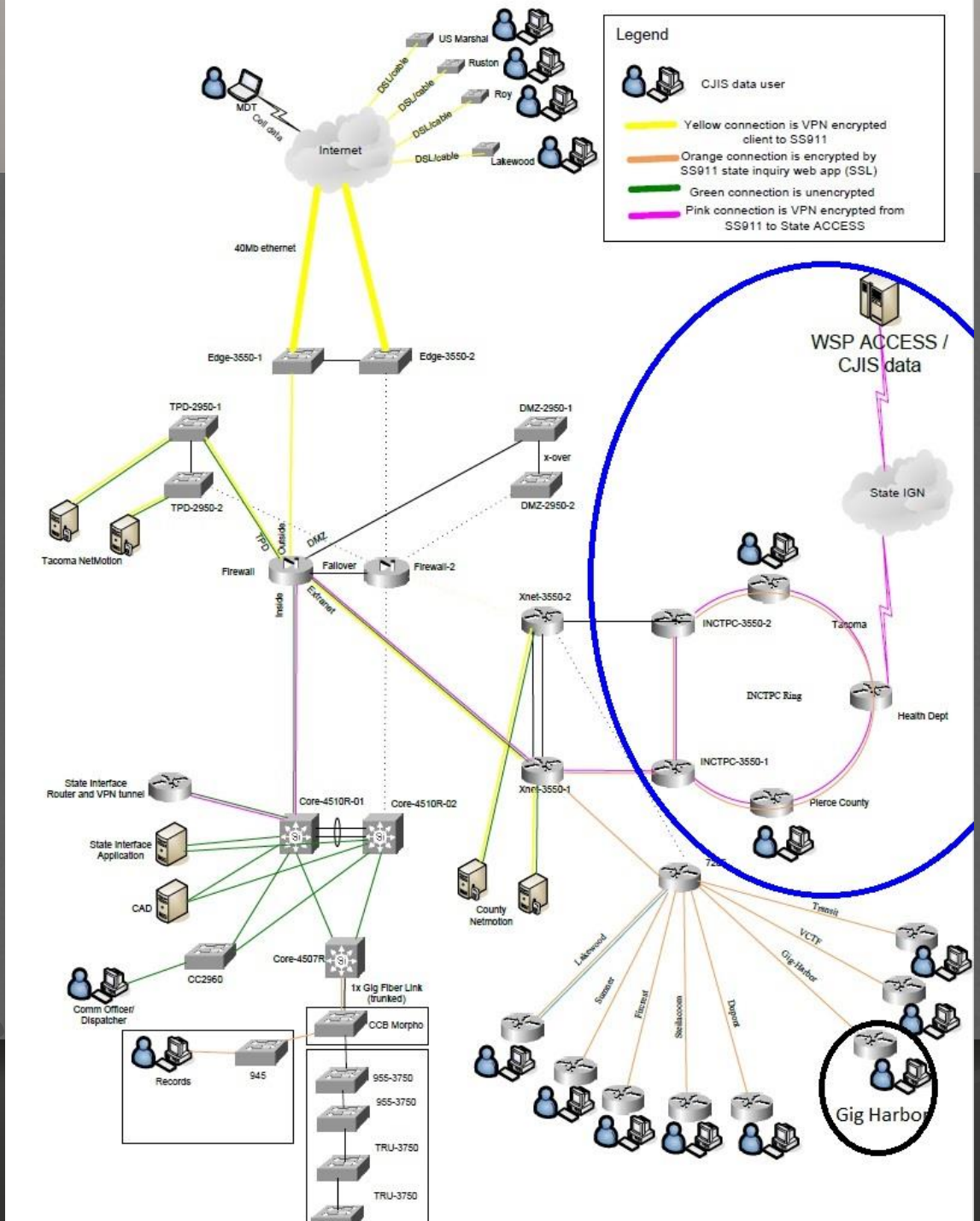
Impacts of Growth Information Technology



About Us

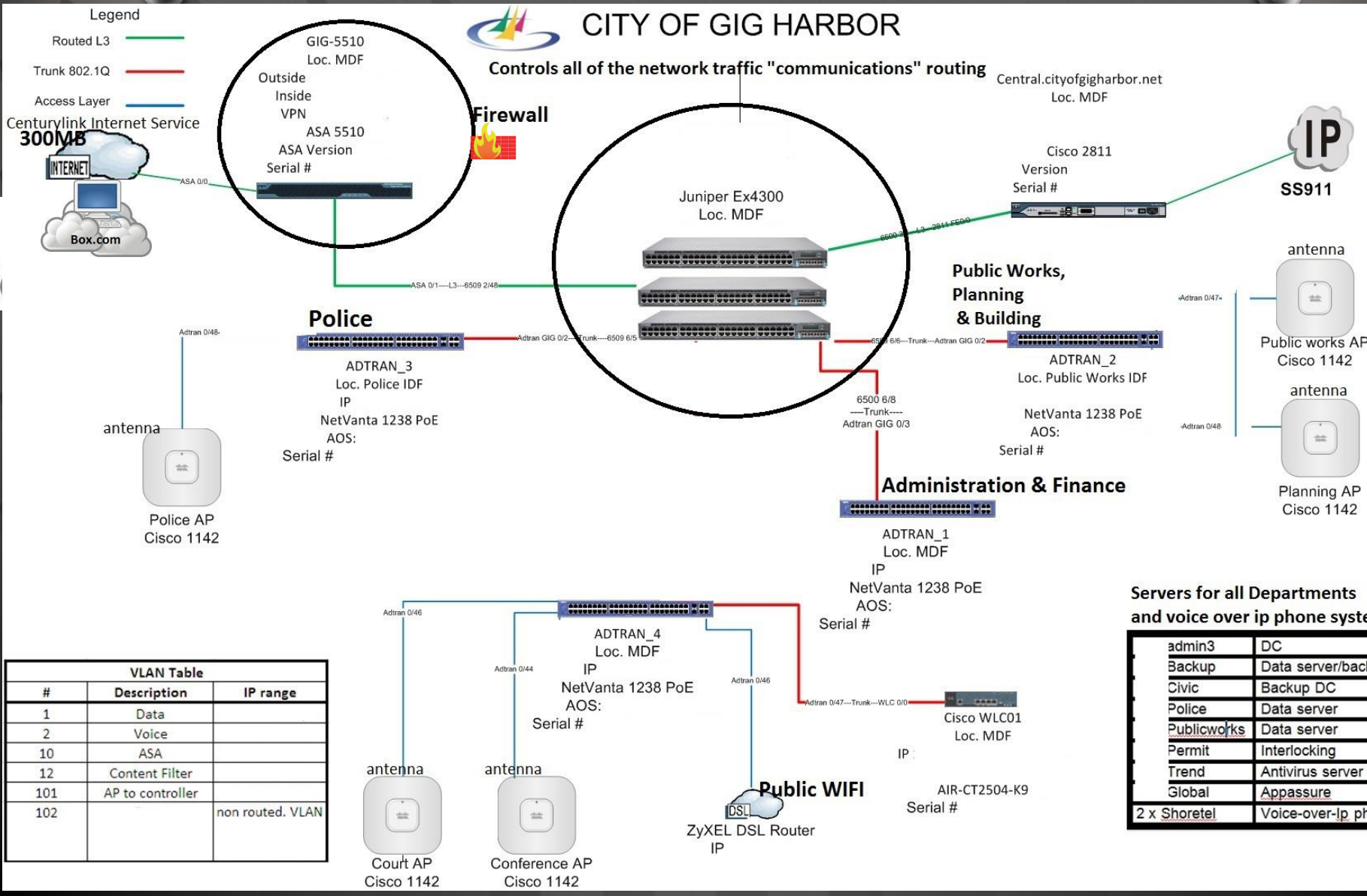


- ✓ Background Investigation
- ✓ Fingerprinting
- ✓ Polygraph
- ✓ Credit Check



TRUSTED NETWORK

City of Gig Harbor ~ Network Infrastructure



VLAN Table		
#	Description	IP range
1	Data	
2	Voice	
10	ASA	
12	Content Filter	
101	AP to controller	
102		non routed. VLAN

Servers for all Departments and voice over ip phone system

admin3	DC
Backup	Data server/backup/tape
Civic	Backup DC
Police	Data server
Publicworks	Data server
Permit	Interlocking
Trend	Antivirus server
Global	Appassure
2 x Shoretel	Voice-over-Ip phone sys

Impacts of Growth

1998

Population 5518

- 1 fte - 27 users
- 1 site

2003

Population 6649

- 2 fte - 68 users
- 3 sites

2015

Population 8555

- 2 fte -112 users
- 4 sites+ dock & park

Projections

Focus on negotiating contracts, managing IT vendors & service delivery providers rather than the technology itself.

2020

- 130 users
- Population 10,271
- Smarter Cities

2030

- 167 users
- Population 14,500
- Computers Everywhere but Unseen
- Personal Fabricators

Reduce Costs and Respond

- Phase departments into cloud computing
  Court, Admin, Finance, Building and Police are in the cloud
- By increasing our presence in the cloud
  reduce costs in operations, storage, people costs, electricity

Visual Networking

Trends in government and business networking are driven largely by video, social media and advanced interactive applications.

- Streaming Video
- High Speed Networks
- Interactivity

… together to provide a richer experience

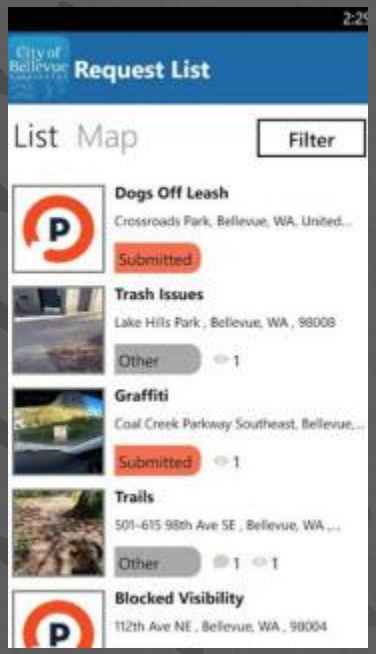
Smart Cities

The application of a wide range of technologies to communities and cities, transforming life and working environments and placing the emphasis on citizen engagement.

Smart Cities

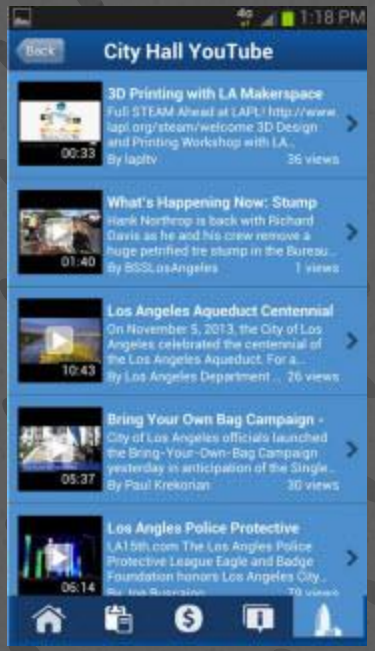
In 2014 Albany, Oregon became the first city in the U.S. to use Goodsnitch, an innovative mobile technology app that allows residents to provide real-time feedback about the city services they receive.

Smart Cities



Residents of Bellevue, Washington can use this app to connect directly with city hall to resolve issues in their community. In addition to submitting service requests when they see something that needs to be fixed, they can receive urgent messages from the city and check out the latest community news and events.

Smart Cities



Los Angeles, CA
In addition to requesting city services like bulk item pickup or graffiti removal, Los Angeles residents can use this app to find the closest parks, libraries, fire and police stations, golf courses, public pools, tennis courts, golf courses and parking lots. They can also keep up with news from city hall by browsing the city's Facebook, Twitter and YouTube feeds. It also allows users to pay their Los Angeles Water and Power bill right from their mobile device.

7/1/2008 Prior to layoffs

	City or County	Approx. Population	Approx. Total Number of users	Number of IT Staff	Number of GIS Staff	Number of Web Staff	Utilities	Police	Court	Jail	Fire	Phones	Centralized Purchasing Yes/No	Average Number of Employees Per IT Staff
1	City of Arlington	16,900	153	2.0	2.0	0.5	☑	☑	☐	☐	☑	☑	Yes	76.5
2	City of Battle Ground	17,000	83	1.0		-	☑	☑	☑	☐	☐	☑	No	83.0
3	City of Bellingham	75,500	915	22.0	-	1.5	☑	☑	☑	☐	☑	☑	No	41.6
4	City of Bellevue	118,100	1,338	56.0	4.0	6.0	☑	☑	☐	☐	☑	☑	Yes	23.9
5	City of Bonney Lake	15,000	130	2.0	1.0	-	☑	☑	☑	☐	☐	☑	Yes	65.0
6	City of Bremerton	39,000	370	5.0			☑	☑	☑	☐	☑	☐	Yes	74.0
7	City of Edmonds	39,515	323	3.0			☐	☐	☐	☐	☐	☐	Yes	107.7
8	City of Everett	96,000	1,100	13.0			☐	☐	☐	☐	☐	☐	Yes	84.6
9	City of Federal Way	89,000	440	6.5	2.5	1.0	☐	☑	☑	☐	☐	☑	Yes	67.7
10	City of Gig Harbor	7,012	108	2.0			☑	☑	☑	☐	☐	☑	No	54.0
11	City of Kent	85,000	772	19.0			☐	☐	☐	☐	☐	☐	Yes	40.6
12	City of Kirkland	46,630	428	15.0			☐	☐	☐	☐	☐	☐	Yes	28.5
13	City of Lacey	35,870	250	9.0	1.0	1.0	☑	☑	☐	☐	☐	☑	Yes	27.8
14	City of Lakewood	58,950	270	4.6	2.6	0.5	☐	☑	☑	☐	☐	☑	Yes	58.7
15	City of Lynnwood	37,000	515	10.0	-	1.0	☑	☑	☑	☑	☑	☑	Yes	51.5
16	City of Marysville	37,000	395	5.2	2.0	0.5	☑	☑	☑	☑	☑	☑	Yes	76.0
17	City of Mercer Island	22,350	185	2.0	2.0	-	☑	☑	☑	☐	☑	☑	Yes	92.5
18	City of Moses Lake	17,440	180	2.0			☑	☑	☑	☑	☑	☑	Yes	90.0
19	City of Olympia	44,460	625	17.5	1.0	1.0	☑	☑	☑	☑	☑	☑	Yes	35.7
20	City of Pasco	50,000	300	4.0	0.8	-	☑	☑	☑	☐	☑	☑	No	75.0
21	City of Renton	76,600	639	16.5			☑	☑	☑	☑	☑	☑	Yes	38.7
22	City of Seattle	563,000	10,000	600.0			☐	☐	☐	☐	☐	☐	Yes	16.7
23	City of Shoreline	53,900	145	5.0	1.0	1.0	☐	☐	☐	☐	☐	☑	Yes	29.0
24	City of Tacoma	200,000	3,700	90.0			☐	☐	☐	☐	☐	☐	Yes	41.1
25	City of Tumwater	16,000	175	4.0			☑	☑	☑	☐	☑	☑	Yes	43.8
26	City of University Pla	32,000	69	2.0	-	1.0	☐	☐	☐	☐	☐	☑	Yes	34.5
27	City of Wenatchee	35,000	250	4.0	1.0	-	☑	☑	☐	☐	☑	☑	Yes	62.5
28	City of Walla Walla	31,000	275	6.0	3.0	-	☑	☑	☐	☐	☑	☑	Yes	45.8
	City Average:	**69,830**	**862**	**33**										**55.89**

QUESTIONS?