

City of Vancouver, WA

Elaine Huber, P.E. – May 3, 2019

“City of Vancouver’s Asset Management Program
– Community Stewards”

(How We Grew our Asset Management Program)

Summary -

- Why Does It Matter
- How We Started/What We Did
- What We Accomplished
- Next Steps

Community Stewards– Vancouver's Story:

- Oldest city in Washington
 - * settled in 1825, incorporated 1857, (statehood 1889)
- Infrastructure -
 - Streets – 1,900 lane miles
 - Sewer- 773 miles (est. 1890)
 - Water -1,051 miles
 - Surface Water – 609 miles
 - Streetlights -17,500
 - Traffic Signals - 240



Program Drivers -Some History:

Water/Sewer Funds:

1979- 1st ever Capital Improvement Plan; commission rate study

1982 – Council adopted first SDC's!

1982 – Council adopted 100% rate increase (Sewer \$3.25 ->\$6.50)

Mid 1990's – Multiple Bond issues for WWTP (& Some Water)

Mid 1990's - Strong growth with Sewer SDC's of \$7-\$8M year

2008 – Economic Recession – Sewer Debt \$13M year – Water Fund loan

Sewer Debt Service (2003-2010) -46%-31%, Water (2003-2010) – 4%

Transportation

Transportation – Debt Service (2002-2010) about 22%-28% of Revenues

2011 – Council Support for living within our means and prioritizing improvements –
“Pay as You Go”

Program Drivers - Growth -

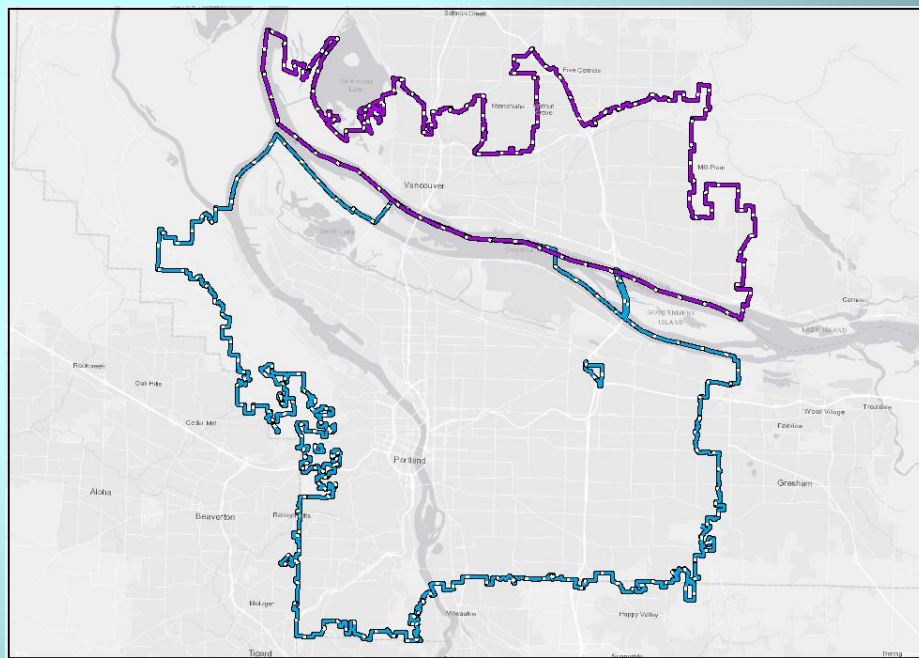
“Population 1990 – 2018”

Year- Population - 10 yr. rate

1990	46,380	8.3%
2000	143,560	209.5%
2010	161,791	12.7%

>>2018 (est.) 185,000 8.1%
(Water systems serves 248,000)

City Annexed 20 Sq. Miles in 1997 -
Now 52 square miles



2018 – City Limits – Portland vs. Vancouver

Strategic Support for Sustainability -

Vancouver PW was early adopter for Asset Management – practicing AM principles in utilities and pavement mgmt.

Council gives consistent formal support for city AM strategy

2012 - Financial (& Asset Mgmt.) Policies

2013 - Comprehensive (Long Range) Plan Asset Mgmt. Policy

2015 - Streets Funding Initiative

2016 - City Strategic Plan 2016-2021



Implementing Sustainability into Practice -

- Comprehensive Financial Policies (Adopted 2012)

- * Updated & strategic commitments for long term fiscal sustainability

- *12 new policies for Capital Planning and Asset Mgmt.

.....*Setting a Course for Financial Sustainability;*



Implementing Sustainability into Practice -- Council (& PWD) consistently supporting program -

***Streets Funding Initiative (Council adoption 2015)**

Provides dedicated revenue stream for sustainable streets and capital program (2018 -\$4M/yr. – 2023 \$10M/yr.)

*Vehicle License fee- \$40/yr.

*Utility tax - 1.5%

*Bus. License Surcharge -\$20/yr.

*General Fund and Debt service - \$1M/yr. +

***Enterprise Funds (Water/Sewer/Surface Water)-
Council support for consistent rate increases**

*..”Take Care of What We Have”
& “Pay-As-You-Go”*



Adopting a Strategic Vision -

- **City of Vancouver Strategic Plan (Adopted 2016)**

“What’s Next Vancouver” 2016 – 2021

“Vancouver is a safe, welcoming, vibrant and prosperous city” ;

Vision Statements including core values of :
Leadership, Stewardship, Accountability,
Collaboration and Integrity

*.....Strategy & Vision for City-wide
Livability & Connectivity.....*



Strategic Choice for Leadership/Culture

Council Support for Asset Management MLT Steering (oversight) Committee (2012) -

MLT Steering Committee includes decision makers from across Public Works, Finance and Emergency Services

.....City-wide perspective



Implementing Sustainability into Practice -

- Public Works (CPFAM) Asset Mgt. (est. 2012)
- GIS (began W/S AutoCAD conversion in 2008, now 7 FTE)
- Steady support for staff & resources across PW
- 2012 MLT AM Steering Committee
- Working on EPA's 5 Questions and 10 Steps....

(1-State of assets; 2- LOS; 3 - Criticality; 4- Asset Strategy ; 5 - Funding)



Implementation –CPFAM Projects

- 2012 – EPA ‘s “Tom’s Bad Day” Training – 75 staff
- 2013 GAP Analysis - C of V AM program priorities
- 2014 – Strategic Enterprise Asset Management Plan
- #1 priority is relationship building, ongoing training & growing asset knowledge.



Program Growth and Diversity –

- **Networking and education has built strong PW staff support ; Some outcomes:**

6 year (Utilities) CIP and budget process

Robust GIS Strategy

Pavement Management

INFOR CMMS

City Facilities Investment Plan

Building AM Knowledge throughout PW

....Building a strong foundation



Program Growth of Asset Stewardship –

- PW Staff Asset Management Program Initiatives (Since 2012)-
 - GIS- Enhanced inventory & attribute data, CMMS and work order information, story maps, condition assessment programs, Infomaster models
 - Water – Asset Inventory for Production sites
 - Sewer – Lift Station Condition assessment , NASSCO CCTV, Interceptor Condition Assessment
 - Surface Water - Asset Inventory and condition for culverts and treatment facilities
 - Transportation – Pavement Management, Inventory/ Condition Assessment for Curb Ramps & Sidewalks, Streetlights

Collaborating to build our AM program...



Collaboration and Stewardship - RESULTS

City of Vancouver – We've successfully:

- Adopted Asset management as our business strategy
- Built Elected support for rates and sustainable renewal
- Enhanced asset knowledge/ CIP priority setting
- Built Staff Knowledge and buy in
- Improved risk assessment and mitigation.



Vancouver's Asset Management Program – What's Next.....

City of Vancouver – We're still working through:

- AM for natural assets (Greenway, streams, trees)
- Asset Analysis – Model Building for W/S CIP
- IT Support for GIS/CMMS Integration – Reports, PM's, Asset attributes
- Asset Mgmt. Staff – Limited resources
- Risk Approach- Improved risk assessment

....Building new work processes



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QUESTIONS.....?

Thank you!

Elaine Huber, P.E.
Asset Management
City of Vancouver

360-487-7196
Elaine.Huber@cityofvancouver.us

