

Business Opportunities

workshop for consultants

Michael Davis, Division Director

Human Resource and Service Equity Branch

Environmental Justice and Service Equity

Master of Ceremonies

Welcome

Linda De Boldt, Deputy Director

Project Delivery Branch

Strategic Business Plan

Terry Martin, Manager

Director's Office

Strategic Asset Management & Technical Services

What Is SPU's Strategic Business Plan?

Big Picture: The SBP will be the primary tool to set a six-year rate path for each of SPU's 4 lines of business. It will include recommendations on:

- Potential efficiencies in existing services
- Lower-priority existing services that may be reduced
- Prioritized new investment to respond to future needs.

This will be the basis for future budgets & rate proposals.

What Is SPU's Strategic Business Plan? (Continued)

Some More Detail. Five Major Task Areas:

- Define strategic direction
- Define baseline, or status quo, rate path
- Identify potential reductions to/efficiencies in baseline
- Identify potential additions to baseline
- Develop recommended and alternative rate paths for 4 lines of business

Why is SPU Doing a Strategic Business Plan?

The *primary goal* for the Strategic Business Plan is to set a transparent and integrated direction for all of SPU's lines of business that:

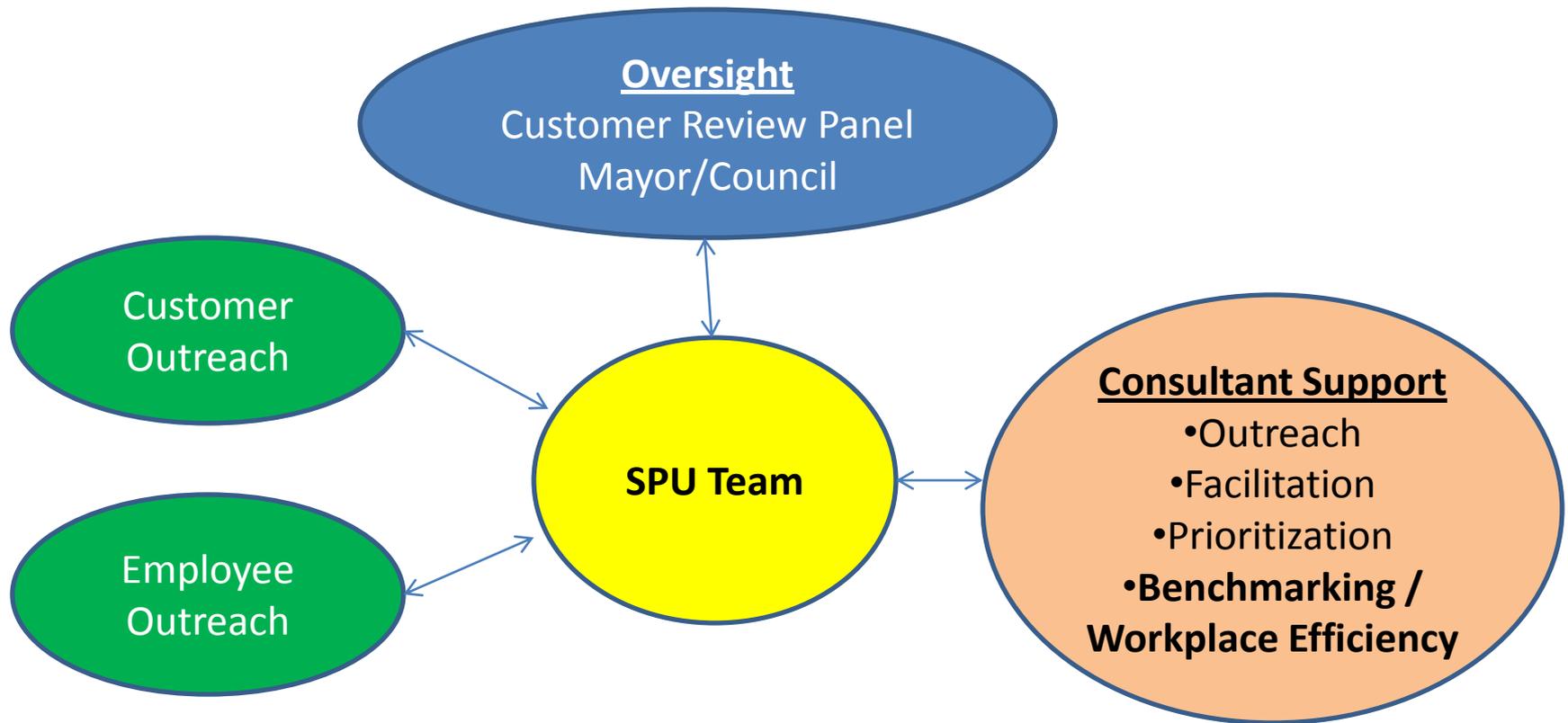
- reflects customer values
- provides rate predictability for utility customers
- results in best value for customer dollars

How Will SPU Accomplish This Work?

The SPU Team

- Steering Committee
 - Nancy Ahern, Martin Baker, Melina Thung
- Core Members
 - Diane Clausen, Keith Hinman, Terry Martin, Karen Reed
- Subject Matter Experts
 - Executive Team, Leadership Team, Service Equity representative, etc.

How Will SPU Accomplish This Work? The Resources We Will Use



Benchmarking /Workplace Efficiency Track – Phasing

- Phase 1A – Benchmarking (4-6 months)
- Phase 1B - Implementation Plan (4-6 months)
- Phase 2 - Implementation Assistance (3-4 years)

Benchmarking /Workplace Efficiency Track RFP Schedule

- Request for Proposals (RFP) - March 8th?
- Short-Listed Firms Announced – Early April
- RFP Interviews – Mid to Late April
- Anticipated Contract Execution – Mid May

Drainage & Wastewater Projects

Andrew Lee, Manager
Utility Systems Management Branch
Capital Portfolio Management

Sanitary Sewer Overflow (SSO) Reduction Program Consultant Services

2013 Projects (Phased Engineering Services Contract)

- 14th Ave S and S Concord (Design in 2013)
- Pearl St SSO Reduction (Options Analysis in 2013)

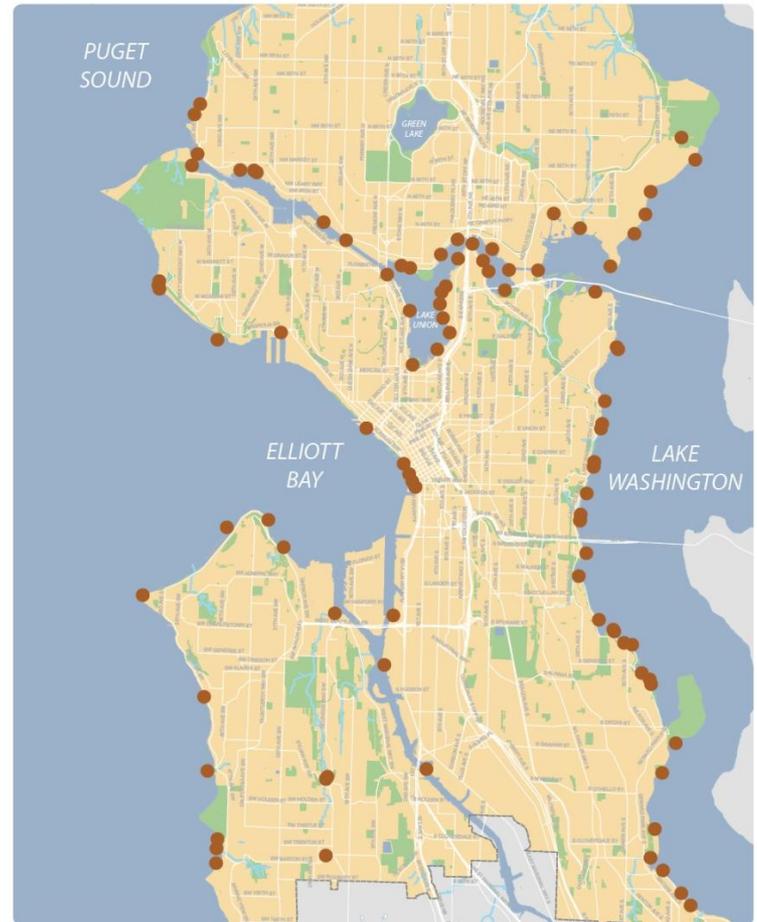
2014 Projects (Phased Engineering Services Contract)

- Holman Road (Options Analysis in 2014)
- Lake City Way (Options Analysis in 2014)
- Harvard & Roy (Options Analysis in 2014)

Combined Sewer Overflow (SSO) Reduction Program

Next set of projects (2015-2025) will be defined by the Long-Term Control Plan (LTCP) and the Integrated Plan (IP)

- LTCP will:
 - identify areas where CSO reduction projects are needed
 - Evaluate CSO reduction alternatives
 - Select a preferred solution for each affected area
 - Recommend a project schedule
 - Estimate program costs and rate impacts
 - Consider public and stakeholder input
- IP will identify stormwater projects with greater benefit to receiving waters



CSO LTCP Alternatives

**Alternative 1:
Neighborhood Solution**

**Alternative 2:
Shared Storage Solution**

**Alternative 3:
Shared Tunnel Solution**



Other DWW Capital Programs

- Localized Flooding Program
- Culvert Replacement Program
- Creek/Habitat Improvement Program
- Water Quality Projects

CSO Planning, Design & Construction

Ben Marre, Program Manager
Utility Systems Management Branch
Capital Portfolio Management

ben.marre@seattle.gov, - 206-684-7597

Phased Engineering Consultant Services

For CSO Planning, Design and Construction in 5
CSO Areas

- Duwamish (NPDES 111)
- Madison Park (NPDES 24 and 25)
- Montlake (NPDES 139 and 140)
- Magnolia (NPDES 60)
- Henderson (NPDES 49)

Project Update: Delridge CSO

- Integrated Team with Meaningful Work for WMBEs
- Proposal Approach Includes Mitigation of Impacts on Neighborhood (i.e., Landscape, Construction)
- WMBE Inclusion Goal = 22%
- Phase 1 Completed -- WMBE Spend = 28%
- Innovative Approach Resulting in Proposed Cost Savings – Over \$90 Million

Major Facility Projects

Fred Aigbe, Manager

Project Delivery Branch

Project Management and Engineering Division

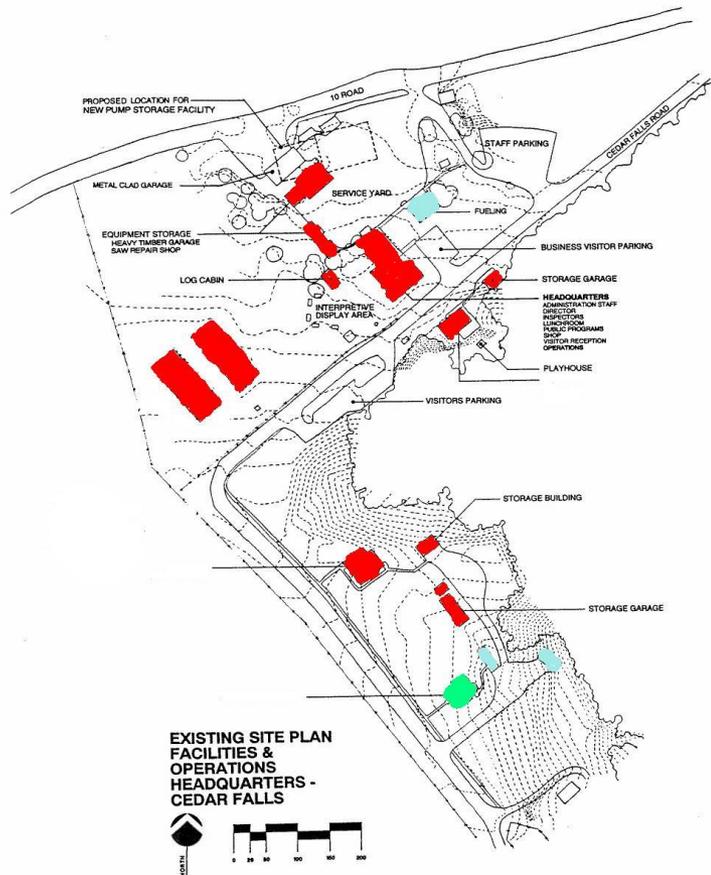
Project Updates

- North Transfer Station Project
- South Transfer Station, Phase 2
- Cedar Falls Facility Project.

Cedar River Watershed Facilities Development Project



Cedar Falls current status



Building Complex

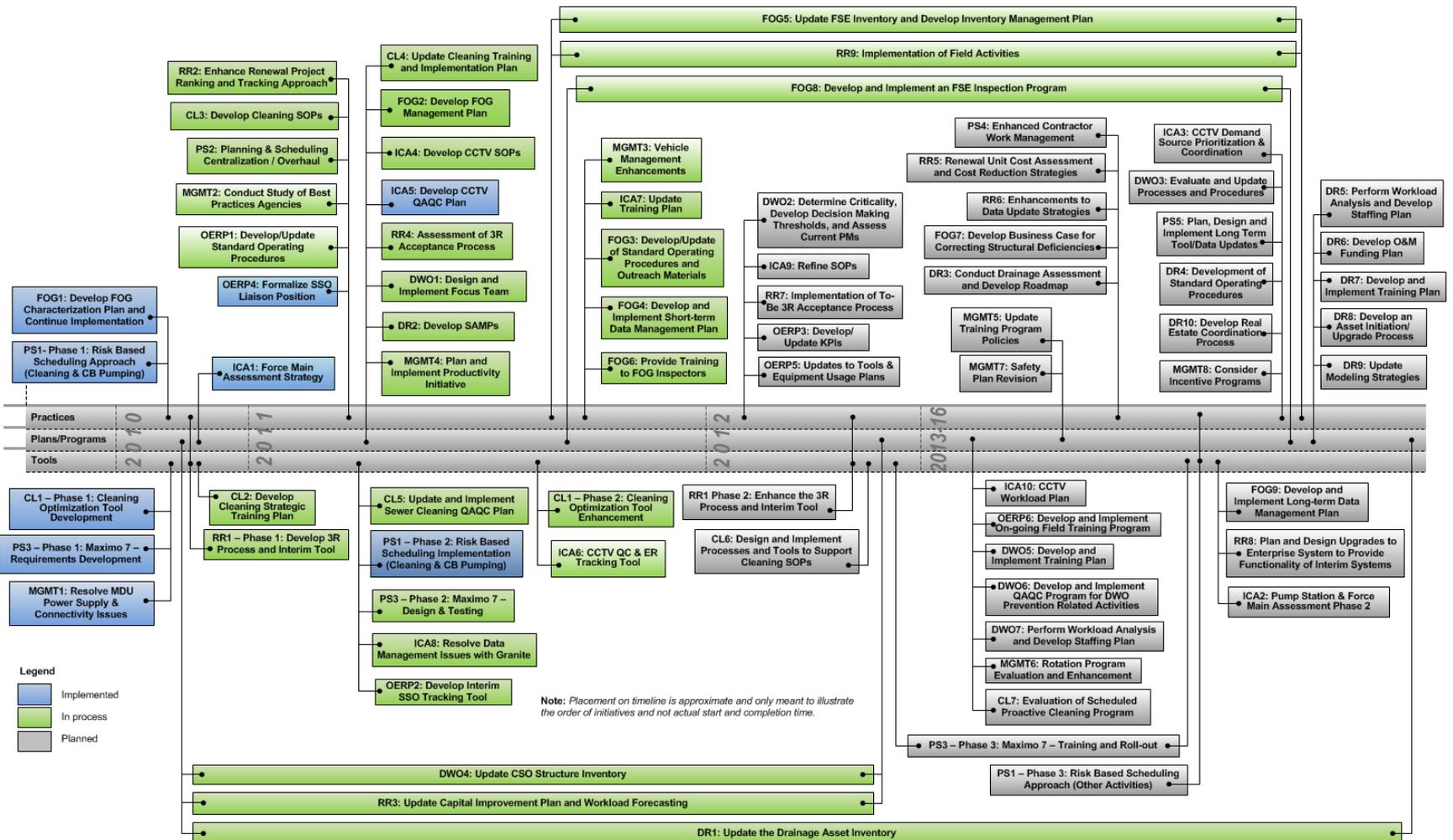
- Administrative Headquarters
- Buildings designed for Offices and Operations (crew quarters, shops, materials, equipment)
- Historic Houses repurposed to hold offices
- Temporary Modular Buildings house offices, equipment and materials
- Buildings no longer in use

CMOM Implementation Phase 2

Frank McDonald, Manager
Field Operations and Maintenance Branch
Planning and Systems Support Division

CMOM = Capacity Management Operation & Maintenance 6-Year Roadmap

CMOM Roadmap



Work Order Scheduling Improvements Using Maximo, AVL, and GIS

The screenshot displays the 'Field Operations Mapping System' web application. The interface includes a navigation menu with options like 'Use Large Font', 'BACK', 'Crew Status Report', 'Crew Status By Date', and 'Help'. The main area shows a map of Seattle with various streets and landmarks. A pop-up window provides detailed information for a specific vehicle:

Vehicle#: 45521 - JET TRUCK

Description: 2004 PETE 320 SEWER CLEANER - 5400(GVWR)

Radio Call ID: TR-052

Assigned To: BLUMEL

Vehicle Speed: 0 mph

Vehicle Direction: 0 degrees (North)

Date/Time: 9/21/2010 10:44:32 AM (1 minute ago)

Work Orders (WO#, Status, Priority, Type, Activity Code, Address):

- 2416240, RECEIVED, 8, SUP, 405, 1901 4TH AVE N
- 2475907, STARTED, 4, PM, 439, 203 W THOMAS ST
- 2472736, RECEIVED, 4, PM, 402, 19 W HARRISON ST
- 2476524, RECEIVED, 4, PM, 439, 19 W REPUBLICAN ST
- 2472871, INTRPT, 4, PM, 402, 223 W REPUBLICAN ST
- 2472880, RECEIVED, 4, PM, 402, 223 W REPUBLICAN ST
- 2472700, RECEIVED, 4, PM, 402, 500 QUEEN ANNE AVE N
- 2476500, RECEIVED, 4, PM, 439, 500 ELLIOTT AVE W

(Workorders marked with a * cannot be zoomed to.)

Buttons: Zoom to WO Location, Open Maximo WO

The taskbar at the bottom shows several open applications, including 'MAXIMO - OR...', 'Inbox - Micro...', 'SPU Water GI...', 'DWW Mainte...', 'Field Operat...', and 'Microsoft Pow...'. The system clock shows 10:46 AM.

CADD Standards

Tim Reese, Supervisor

Project Delivery Branch

Project Support Division

SPU CADD Standards

Project Support Division

Land Survey Team: Gary Gervelis

Technical Resources Team:

- Design & Record Drafting
- CADD Support Resources
- Engineering Records Center:
Dean Huber, Josh Jones & Tim Reese

SPU CADD Standards

On-line Documentation and CADD Support Files

www.seattle.gov/util/Engineering

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GO

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SEATTLE PUBLIC UTILITIES Reliable water, sewer, drainage & solid waste services.
Ray Hoffman, Director

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[New transfer stations](#)
[Water system projects](#)
[Drainage system projects](#)

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SPU CADD Standards

On-line Documentation & CADD Support Files

www.seattle.gov/util/Engineering/CAD_Resources

The screenshot shows the Seattle Public Utilities website. At the top left is the Seattle.gov logo. A navigation bar includes links for Home, My Services, Environment & Conservation, Engineering (highlighted), For Businesses, Documents, Help & FAQs, Translations, and About Us. Below this is a secondary navigation bar with Utility Services, Land Survey, Records Vault, CADD Resources (highlighted), Consulting Resources, Standard Plans & Specs, and Projects. The main content area is titled 'CADD Resources' and features a 'Software Upgrade Notice' section. To the right of the notice is a 'Select Language' dropdown and a 'Customer Service' contact box with the phone number (206) 684-3000. A right-hand sidebar lists various resources under three categories: Documentation (CAD Manual, CAD Manual Appendices, Sample Drawings), Templates (AutoCAD 2012 Template, AutoCAD Civil 3D 2012 Templates, AutoCAD Civil 3D 2012 Sheet Set Manager Template & Support Files), and Support Files (Pipes Catalog, CTBs, Fonts, Linetypes, Standard Blocks, Reference Drawings That Can Be Used To Match Properties In AutoCAD, Object Classification, AutoCAD Civil 3D 2012 Survey Database).

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SEATTLE PUBLIC UTILITIES Reliable water, sewer, drainage & solid waste services.
Ray Hoffman, Director

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CADD Resources

Software Upgrade Notice

SPU & SDOT have been upgraded to AutoCAD 2012 and AutoCAD Civil 3D 2012. New documentation, templates and support files are available below.

The resources listed below are for CAD users in Seattle Public Utilities (SPU) and Seattle Department of Transportation (SDOT), as well as consultants who are working on projects for SPU or SDOT.

We put together these supporting files and the CAD Manual in an effort to provide as much assistance as possible to the users. Since there are many ways to configure AutoCAD, we also tried to make the files as generic as possible. Should you have any problems or questions using these files or our CAD Standards in general, please contact the SPU CAD Manager, Dean Huber at 233-7805 or Dean.Huber@Seattle.gov.

On May 1st, 2012 SPU and SDOT updated our CAD standards to reflect our recent upgrade to Autodesk 2012 software products (AutoCAD, AutoCAD Civil 3D and AutoCAD Map 3D). These CAD Standards have been formally approved by Peter Hahn, SDOT Director and Ray Hoffman, SPU Director. All projects that started after May 1st, 2012 must use this new CAD and software standard. All projects that are currently in process must convert to the new standards as soon as reasonably possible because we will no longer support projects that are not using the new 2012 CAD and software standards.

Documentation

- [CAD Manual \(pdf\)](#)
- [CAD Manual Appendices \(pdf\)](#)
- [Sample Drawings \(dwt\)](#)

Templates

- [AutoCAD 2012 Template \(zip\)](#)
- [AutoCAD Civil 3D 2012 Templates \(zip\)](#)
- [AutoCAD Civil 3D 2012 Sheet Set Manager Template & Support Files \(zip\)](#)

Support Files

- [Pipes Catalog \(zip\)](#)
- [CTBs \(zip\)](#)
- [Fonts \(zip\)](#)
- [Linetypes \(zip\)](#)
- [Standard Blocks \(zip\)](#)
- [Reference Drawings That Can Be Used To Match Properties In AutoCAD \(zip\)](#)
- [Object Classification \(zip\)](#)
- [AutoCAD Civil 3D 2012 Survey Database \(zip\)](#)

CADD Drawing Requirements

- Autodesk AutoCAD or AutoCAD Civil 3D 2012 format.
- Drawings must comply with SPU/SDOT CADD and presentation standards, available online.
- Coordination, review and compliance with CADD standards is consultant responsibility.
- CADD and PDF files must be submitted for electronic review at 30%, 60%, 90% design completion.
- Final CADD files, PDF's and Civil 3D data submitted at time of advertisement.

Construction Recycling and Waste Program

Gabriella Uhlar-Heffner

Utility Systems Management Branch

Solid Waste Division

Community Advisory Committees

Sheryl Shapiro, Program Manager

Utility Systems Management
Policy, Planning and Regulatory

Community Advisory Committees

- **Creeks, Drainage and Wastewater**
addresses topics such as: stormwater management, water quality, pollution prevention, creeks, wastewater systems
- **Solid Waste**
addresses topics such as: waste management systems policy: recycling, food/yard waste, collection contracts, transfer stations, garbage systems, waste prevention)
- **Water Systems**
addresses topics such as: drinking water system, water conservation, supply/demand, Cedar and Tolt Watersheds management (sources of our drinking water)

Purpose of Advisory Committees

- Make sure programs and services are serving all Seattle communities.
- Provide your opinion and analysis for the business.
- Review and help shape SPU's programs, policies and services.
- Learn more about your water, sewer, drainage and solid waste systems.

Committee Membership

- Applications accepted on a rolling basis.
- Commitment: Monthly meetings; two year term, with option to reapply for a final term, each with approval by the SPU Director.
- For more information please contact:
Sheryl Shapiro, Program Manager
(206) 615-1443 sheryl.shapiro@seattle.gov.
Teresa Rayburn, Program Support Staff
(206) 684-4622 teresa.rayburn@seattle.gov
- For an application, current work items and meeting notes, visit www.seattle.gov/util/cac

Consultant Contracts with SPU

Steve Johnson, Manager

Finance and Administration Branch

Finance Division, Grants & Contracts

Advertisement

- Daily Journal of Commerce
- Ebid – ebidexchange.com
- The Consultant Connection

Pre-submittal Meeting

- Description of the project provided.
- Q&A for project & contracting process.
- Prime/sub-consultant networking.

Selection Process

- Proposals Received
- Scored based on published criteria.
- Apparent successful Proposer selected.
- Contract negotiations begin.

Contracting Requirements

- Insurance
- City of Seattle Business License
- State UBI Number
- Federal Tax ID Number
- Equal Benefits (EB)
- Inclusion Plan

Business Tools

- Consultant Roster
- Business Registration (VCR)
- Consultant Opportunities (RSS Feed)

WMBE Business Outreach

Vicky Schiantarelli, Strategic Advisor

Human Resource and Service Equity Branch

Environmental Justice and Service Equity

SPU Priorities and Goals

- Treat all customers fairly and equitably by working closely with
 - community business partners,
 - community members, and
 - other City stakeholders.
- Ensure equitable inclusion of WMBE business participation in contracting processes and contracts.
- Honor City's commitments as described in:
 - SMC CH. 20.42
 - Mayor's Executive Order 2010-05
 - Race & Social Justice Initiative

WMBE Goals & Spend (Consultant)

SPU Department Goals

2013

- Prime Consultant Aspirational Goal = 12%
- 2012 SPU Spend = \$26,475,791.98
- 2012 WMBE Spend = \$2,098,217.42 (7.93%)

NEW

- Subconsultant Aspirational Goal = 16.5%

WMBE Goals & Spend (Consultant)

2012 Consultant Contracts (over \$260,000)

\$21,520,638.84 - Total Spend

\$996,475.64 – 4.63% WMBE Spend

2012 Consultant Rosters (under \$260,000)

\$4,955,153.14 – Total Spend

\$1,101,741.78 – 22.23% WMBE Spend

Note: Does not include sub-consultant spend