STANDING COMMITTEE MINUTES
City of Spokane
Public Infrastructure, Environment, and Sustainability
December 11, 2017

Committee Members Present
Council Member Amber Waldref, Committee Chair
Council Member Mike Fagan, Vice Committee Chair
Council Member Breean Beggs
Council Member Lori Kinnear
Council Member Candace Mumm
Council Member Karen Stratton
Council President Ben Stuckart

Staff Present
Hannahlee Allers, Brandon Blankenagel, Steve Burns, Marcia Davis, Leroy Eadie, Anna Everano, Marlene Feist, Jacob Fraley, Raylene Gennett, Ken Gimpel, Joel Graff, Jacqui Halvorson, Kara Heatherly, Gary Kaesemeyer, Dan Kegley, Lisa Key, Ed Lukas, Brian McClatchey, Adam McDaniel, Katherine Miller, Katie Myers, Skyler Oberst, Melissa Owens, David Paine, Alex Reynolds, Rick Romero, Elizabeth Schoedel, Michael Sloon, Sally Stopher, Mike Taylor, Kyle Twohig

Guests Present
Paul Kropp

Council Member Waldref called the meeting to order at 10:30 a.m.

Review and Approval of Minutes
Council Member Waldref asked for a motion to approve the minutes of the November 27, 2017 meeting.

- Action Taken
- Council Member Fagan moved to approve the minutes of the November 27, 2017 meeting as presented; the motion was seconded by Council President Stuckart. The minutes were approved unanimously.

Consent Items (Briefing Papers only)
1. South University District Stormwater Study
2. Value Blanket Order Renewal for Traffic Signal Standards and Luminaire Standards
3. Trailer Mounted Medium Voltage Standby Generator
4. Amendment and extension of contract for quarterly preventative maintenance inspections and unscheduled service calls for HVAC systems at Waste to Energy

Discussion Items
A. Council Requests
   1. Change Order Requirements and Policies
Council Member Mumm began the discussion with a review of a recent administrative reserve increase for Monroe 2nd to Main Avenue project. Kyle Twohig gave an overview of the policy and guidance for increases to administrative reserve in regards to this project. He reviewed the current change orders and the outstanding payments. Council President asked if it was possible to have the increase request be as close to the exact amount needed and Kyle responded that it is possible and he would work to get that information to the council. Discussion was had on the change order process and the work performed. Kyle will provide a breakdown of the information before Council has to vote on the item.

B. Staff Requests

1. Public Works Apprentice Program – 2017 Update on administration and monitoring, review participation through 3Q and apprentice program community feedback

   Jason Sandobal gave an overview of the 2017 apprenticeship program through the 3rd quarter. This year’s focus was on implementation, refining bid language, increasing awareness and outreach, as well as improving monitoring of the program. There were over 20 projects during the first three quarters with about 17% participation and about 30,000 hours. This is 2% above the goal of 15%. The AGC is also working on a report on the impact of the apprentice ordinance has had on their programs. Discussion was had on the penalties and the circumstances that fees are imposed for less hours than required.

2. Downtown garbage and recycling receptacles

   Alex Reynolds presented the proposal to lease garbage and recycling receptacles for downtown areas. This would replace all current receptacles with the leased ones from Big Belly. The new cans are solar and Wi-Fi enabled to show when they are full. Compactors, foot pedals, and ashtrays are also included. The Big Belly’s come with message panels and they have begun to work with DSP for wayfinding and advertising. The software system is estimated to cost $71,000 annually with $41,000 in startup costs. There are several privately owned cans that will not be replaced. Most cans would need to be collected once a week or less. The cans would be reduced from 77 to 45 garbage and recycling receptacles. A cost savings will be seen by reducing the amount of liners used compared to normal garbage cans. Alex discussed the proposed locations that are less densely arranged throughout downtown. Riverfront Park is exploring the options. However, bond dollars cannot be spent on leasing equipment. Discussion was had on DSP reinvesting their savings of $30,000 from this program.

3. Cincinnati Greenway Public Outreach

   Brandon Blankenagel discussed the Cincinnati greenway project that will begin construction in 2019. To prepare for the construction community outreach process to envision the greenway can be and how it can best serve the community and the neighborhoods. The greenway will connect bike and
pedestrian facilities. The first meeting was held at the Logan Neighborhood last week, introducing the concept of the greenway and then in January and February staff will hold open public meetings for discussion. ICM is working with a team from Gonzaga for a feasibility study and options on treatments. The project includes Cincinnati Street between Spokane Falls Blvd and Euclid, coordinating with Central City Line and other planned projects.

Priority Strategies
Priority Strategy 1. Rapidly Accelerating Street Pavement Maintenance Projects
No report this meeting.

Priority Strategy 2. Repurposing Public Property to Stimulate Private Investment
• Infrastructure investment within PDA’s
  o Discussion on Freya Street Capital Project Status Update and Policy
    Katherine Miller began the discussion on Freya Street in the 2018-2023 Transportation Capital Program as a Roadway of Significance. Katherine discussed the process that allowed for identifying and selecting projects outside of the normal matrix scoring process when the project is deemed a priority from an economic perspective but didn’t score high enough to be selected. However, the strategy was not included in the comprehensive plan update. Katherine reviewed the options for Freya Street going forward that included removing the project form the program and reevaluating it or develop a new policy for transportation projects such as this one that are currently in the program. Discussion was had on the process and it was agreed that the inconsistency could be addressed by a resolution for Freya Street.

Priority Strategy 3. Smart Use of Water Resources for Economic Growth
No report this meeting.

Priority Strategy 4. Putting Our Renewable Energy Resources to Work in the Community
No report this meeting.

Executive Session
None.

Adjournment
The meeting adjourned at 11:56 a.m.

Prepared by:
Barbara Patrick, Administrative Specialist

Approved by:

Chair
SPECIAL MEETING NOTICE/AGENDA
SPOKANE CITY COUNCIL

Public Infrastructure, Environment and Sustainability Committee

Meeting Monday, December 11, 2017
10:30 a.m. – City Council Briefing Center, Lower Level, City Hall

A special meeting of the Spokane City Council will be held at **10:30 a.m. on Monday, December 11, 2017** in the City Council Briefing Center, Lower Level, City Hall, 808 West Spokane Falls Boulevard, Spokane, Washington.

The meeting will be conducted in a standing committee format for the Public Infrastructure, Environment and Sustainability Committee. Because a quorum of the City Council may be present, the standing committee meeting will be conducted as a committee of the whole council.

The meeting will be open to the public, with the possibility of moving into executive session only with the members of the City Council and the appropriate staff. No legislative action will be taken. No public testimony will be taken and discussion will be limited to appropriate officials and staff.

AGENDA

- Please note that this meeting has been rescheduled from the regular meeting scheduled for December 25, 2017 due to the holiday.

- Meeting Agenda attached

AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION: The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. The Council Briefing Center in the lower level of Spokane City Hall, 808 W. Spokane Falls Blvd., is wheelchair accessible and also is equipped with an infrared assistive listening system for persons with hearing loss. Headsets may be checked out (upon presentation of picture I.D.) through the meeting organizer. Individuals requesting reasonable accommodations or further information may call, write, or email Human Resources at 509.625.6363, 808 W. Spokane Falls Blvd, Spokane, WA, 99201; or msteinolfson@spokanecity.org. Persons who are deaf or hard of hearing may contact Human Resources through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.

Ben Stuckart
Council President

Terri Pfister
Spokane City Clerk
The Spokane City Council’s Public Infrastructure, Environment and Sustainability Committee meeting will be held at **10:30 a.m. on December 11, 2017** in Council Briefing Center, Lower Level, City Hall, 808 West Spokane Falls Boulevard, Spokane, Washington.

The meeting will be conducted in a standing committee format. Because a quorum of the City Council may be present, the standing committee meeting will be conducted as a committee of the whole council. The Public Infrastructure, Environment and Sustainability Committee meeting is regularly held every 4th Monday of each month at 1:15 p.m. unless otherwise posted.

The meeting will be open to the public, with the possibility of moving or reconvening into executive session only with the members of the City Council and the appropriate staff. No legislative action will be taken. No public testimony will be taken and discussion will be limited to appropriate officials and staff.

### AGENDA

**REVISED**

I. **Call to Order**

II. **Approval of minutes from November 27, 2017 meeting**

III. **Consent Items**

1. South University District Stormwater Study – Marcia Davis
2. Value Blanket Order Renewal for Traffic Signal Standards and Luminaire Standards – Gerald Okihara
3. Trailer Mounted Medium Voltage Standby Generator – Steve Burns
4. Amendment and extension of contract for quarterly preventative maintenance inspections and unscheduled service calls for HVAC systems at Waste to Energy – David Paine

IV. **Discussion Items**

A. Council Requests
   1. Change Order Requirements and Policies – Council Member Mumm (10 minutes)

B. Staff Requests
   1. Public Works Apprentice Program – 2017 Update on administration and monitoring, review participation through 3Q and apprentice program community feedback – Jason Sandobal (10 minutes)
   2. Downtown garbage and recycling receptacles – Alex Reynolds (10 minutes)
   3. Cincinnati Greenway Public Outreach – Brandon Blankenagel (10 minutes)

V. **Strategic Plan Session**

A. Priority Strategy 1: Rapidly Accelerating Street Paving Maintenance Projects
   - No report this meeting.

B. Priority Strategy 2: Repurposing Public Property to Stimulate Private Investment
   - Infrastructure investment within PDA’s
o Discussion on Freya Street Capital Project Status Update and Policy – Katherine Miller (15 minutes)

C. Priority Strategy 3: Smart Use of Water Resources for Economic Growth
   • No report this meeting.

D. Priority Strategy 4: Putting our Renewable Energy Resources to Work in the Community
   • No report this meeting.

VI. Executive Session
Executive Session may be held or reconvened during any Public Infrastructure, Environment, and Sustainability Committee meeting.

VII. Adjournment

Next Public Infrastructure, Environment, and Sustainability Committee Meeting
January 22, 2018 1:15 p.m. in Briefing Center

Page 2 of 2

AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION: The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. The Council Briefing Center in the lower level of Spokane City Hall, 808 W. Spokane Falls Blvd., is wheelchair accessible and also is equipped with an infrared assistive listening system for persons with hearing loss. Headsets may be checked out (upon presentation of picture I.D.) through the meeting organizer. Individuals requesting reasonable accommodations or further information may call, write, or email Human Resources at 509.625.6363, 808 W. Spokane Falls Blvd, Spokane, WA, 99201; or msteinolfson@spokanecity.org. Persons who are deaf or hard of hearing may contact Human Resources through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.
Briefing Papers
**Briefing Paper**

**Public Infrastructure, Environment, and Sustainability**

<table>
<thead>
<tr>
<th>Division &amp; Department:</th>
<th>PW / ICM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject:</strong></td>
<td>South U-District Stormwater Study</td>
</tr>
<tr>
<td><strong>Date:</strong></td>
<td>12/11/17</td>
</tr>
<tr>
<td><strong>Author (email &amp; phone):</strong></td>
<td>Marcia Davis <a href="mailto:mdavis@spokanecity.org">mdavis@spokanecity.org</a> 625-6398</td>
</tr>
<tr>
<td><strong>City Council Sponsor:</strong></td>
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<tr>
<td><strong>Executive Sponsor:</strong></td>
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<tr>
<td><strong>Committee(s) Impacted:</strong></td>
<td>PIES</td>
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<thead>
<tr>
<th><strong>Type of Agenda item:</strong></th>
<th>☑ Consent ☐ Discussion ☐ Strategic Initiative</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alignment:</strong> (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)</td>
<td>Comp Plan CFU 1 Adequate Public Facilities and Services, CFU 2 Concurrency, and CFU 3 Coordination</td>
</tr>
<tr>
<td><strong>Strategic Initiative:</strong></td>
<td>Stormwater Utilities in PDAs</td>
</tr>
<tr>
<td><strong>Deadline:</strong></td>
<td>May 2018</td>
</tr>
</tbody>
</table>

| **Outcome:** (deliverables, delivery duties, milestones to meet) | Report identifying potential stormwater sites and recommending best management practices for each site. |

**Background/History:**

Stormwater management in the University District is challenging because of shallow basalt, high groundwater, and historic site uses. ICM is currently developing the scope of next construction phase of Sprague Avenue, from Scott to Browne St. To effectively and efficiently manage runoff, a basin-wide area needs to be evaluated. To develop the scope for the next phase of Sprague Avenue, the stormwater study needs to include the southern portion of the University District.

**Executive Summary:**

- As part of the Sprague Ave, Scott St to Browne St scoping, we need to identify potential locations and best management practices that can be used for stormwater management.
- The study area will include from the Spokane River to Interstate 90 and from Bernard Street to Hamilton Street.
- Using the City’s A&E Roster Process, HDR Engineering, Inc. has been selected to perform stormwater analysis to identify potential stormwater sites and recommend best management practices for this area.

**Budget Impact:**

Approved in current year budget? ☑ Yes ☐ No

Annual/Reoccurring expenditure? ☐ Yes ☑ No

If new, specify funding source: 

Other budget impacts: (revenue generating, match requirements, etc.)

**Operations Impact:**

Consistent with current operations/policy? ☑ Yes ☐ No

Requires change in current operations/policy? ☐ Yes ☑ No

Specify changes required: 

Known challenges/barriers:
<table>
<thead>
<tr>
<th>Division &amp; Department:</th>
<th>Street Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject:</td>
<td>Value Blanket Order Renewal for Traffic Signal Standards and Luminaire Standards price not to exceed $150,152</td>
</tr>
<tr>
<td>Date:</td>
<td>12/11/2017</td>
</tr>
<tr>
<td>Contact (email &amp; phone):</td>
<td>Gerald Okihara (<a href="mailto:gokihara@spokanecity.org">gokihara@spokanecity.org</a> 232-8842)</td>
</tr>
<tr>
<td>City Council Sponsor:</td>
<td></td>
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<tr>
<td>Executive Sponsor:</td>
<td>Scott Simmons</td>
</tr>
<tr>
<td>Committee(s) Impacted:</td>
<td>Public Infrastructure &amp; Environmental Sustainability</td>
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<tr>
<td>Type of Agenda item:</td>
<td>X  Consent</td>
</tr>
<tr>
<td>Alignment:</td>
<td>6 year Street Plan</td>
</tr>
<tr>
<td>Strategic Initiative:</td>
<td></td>
</tr>
<tr>
<td>Deadline:</td>
<td>Current Contract expires 12/31/2017</td>
</tr>
<tr>
<td>Outcome:</td>
<td>Provides a streamlined means of ordering signal standards for street projects and maintenance replacements where vehicles damage or knock down signal standards.</td>
</tr>
<tr>
<td>Background/History:</td>
<td>This is the second of a 4 year extension of this contract with Valmont Industries.</td>
</tr>
</tbody>
</table>

**Executive Summary:**
- **Renews the existing request for bids #4173-15 awarded to Valmont Industries as a value blanket contract for one year.**
- **Two more years of renewal remain on the contract.**
- **Valmont Industries has been a reliable supplier of this material meeting delivery timelines laid out in the bid.**
- **Allows the ordering of signal standard up to a cumulative amount of $146,042 including tax for 2018.**
- **Signal Standards are paid for by project dollars or street maintenance dollars already budgeted.**

**Budget Impact:**
- Approved in current year budget? X Yes □ No □ N/A
- Annual/Reoccurring expenditure? □ Yes X No □ N/A
- Other budget impacts: (revenue generating, match requirements, etc.)

**Operations Impact:**
- Consistent with current operations/policy? Yes X No □ N/A
- Requires change in current operations/policy? □ Yes X No □ N/A
- Specify changes required: □
- Known challenges/barriers:
**Briefing Paper**

**Public Infrastructure, Environment, and Sustainability Committee**

<table>
<thead>
<tr>
<th>Division &amp; Department:</th>
<th>Public Works Division, 4100 Water &amp; Hydroelectric Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject:</strong></td>
<td>Trailer Mounted Medium Voltage Standby Generator (Rebid)</td>
</tr>
<tr>
<td><strong>Date:</strong></td>
<td>12/11/2017</td>
</tr>
<tr>
<td><strong>Author (email &amp; phone):</strong></td>
<td>Steve Burns, <a href="mailto:sburns@spokanecity.org">sburns@spokanecity.org</a> x8154</td>
</tr>
<tr>
<td><strong>City Council Sponsor:</strong></td>
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<tr>
<td><strong>Executive Sponsor:</strong></td>
<td>Scott Simmons, Public Works Director</td>
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<tr>
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<td>PIES</td>
</tr>
<tr>
<td><strong>Type of Agenda item:</strong></td>
<td>☑ Consent  ❑ Discussion  ❑ Strategic Initiative</td>
</tr>
<tr>
<td><strong>Alignment:</strong> (link agenda item to guiding document – i.e., Master Plan, Budget , Comp Plan, Policy, Charter, Strategic Plan)</td>
<td>Funding for this purchase has been allocated from the Water Division Six Year Capital Plan.</td>
</tr>
<tr>
<td><strong>Strategic Initiative:</strong></td>
<td>Safe &amp; Healthy, Innovative Infrastructure</td>
</tr>
<tr>
<td><strong>Deadline:</strong></td>
<td>This product has a long lead time – 14+ weeks</td>
</tr>
<tr>
<td><strong>Outcome:</strong> (deliverables, delivery duties, milestones to meet)</td>
<td>This order supports procurement of a standby generator unit which will be used to provide emergency power to water system booster stations during power outages. Additional units to be purchased in the future as budget allows.</td>
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</table>

**Background/History:** *Purchase of a Trailer Mounted Medium Voltage Standby Generator from Western States Equipment Company (Meridian, ID) for $128,398.14 including tax.*

*Sealed bids were solicited on bid request #4425-17 for opening on Monday, December 4, 2017 to support this purchase. Twenty-eight (28) contacts were directly solicited and six (6) bids were received. Award of this business is recommended to Western States Equipment Company as the low bidder meeting specifications.*

**Executive Summary:**

- *Purchase of One (1) Trailer Mounted Medium Voltage Standby Generator from Western States Equipment Company as the low bidder meeting specifications*
- *Purchase price: $128,398.14 including tax*
- *Original estimate: $160,000.00 including tax*
- *Bid# 4425-17 Trailer Mounted Medium Voltage Standby Generator (Rebid)*
- *Purchase of goods, no contract*

**Budget Impact:**

- Approved in current year budget? ☑ Yes  ❑ No
- Annual/Reoccurring expenditure?  ❑ Yes  ☑ No
- If new, specify funding source: Water Division Six Year Capital Plan
- Other budget impacts: N/A

**Operations Impact:**

- Consistent with current operations/policy? ☑ Yes  ❑ No
- Requires change in current operations/policy?  ☑ Yes  ❑ No
- Specify changes required: None
- Known challenges/barriers: None
### Background/History:
The WTE is currently on the 2nd of 4 extensions of the contract with Divco Inc., of Spokane, WA for quarterly preventative maintenance inspections and unscheduled service calls for HVAC systems. Recent inspections and unanticipated repairs will exceed the approved funding under the approved informal bid in the 2017 budget year. Divco Inc., has been advised the City is required to put the contract through the formal bid process. To allow for payment for the most recent repairs, anticipating one more event for the remainder of the 2017 budget year, we are requesting an amendment to the 2017 contract extension as well as 2 month contingency through February 2018 from the 2018 budget to continue the services with Divco Inc., during the formal bidding process.

### Executive Summary:
- Exceedance of the informal bid process limit
- Re-bid the services through the formal bid process
- Additional funding approval required for 2017 - $15,000.00
- Approval to fund two month extension into 2018 to support formal bid process - $10,000.00
- Formal bid process is in progress
- Total excluding taxes $25,000.00

### Budget Impact:
- Approved in current year budget?  x Yes  □ No
- Annual/Reoccurring expenditure? □ Yes  x No
- Other budget impacts: (revenue generating, match requirements, etc.)

### Operations Impact:
- Consistent with current operations/policy?  x Yes  □ No
- Requires change in current operations/policy? □ Yes  x No
- Specify changes required:
- Known challenges/barriers:
# Briefing Paper

**Public Infrastructure, Environment, and Sustainability**

<table>
<thead>
<tr>
<th>Division &amp; Department:</th>
<th>Neighborhood and Business Services</th>
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</thead>
<tbody>
<tr>
<td>Subject:</td>
<td>Contract with BigBelly Solar, Inc.</td>
</tr>
<tr>
<td>Date:</td>
<td>December 11, 2017</td>
</tr>
<tr>
<td>Author (email &amp; phone):</td>
<td>Alex Reynolds (<a href="mailto:areynolds@spokanecity.org">areynolds@spokanecity.org</a> 6147)</td>
</tr>
<tr>
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<td>Lori Kinnear</td>
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<td>Theresa Sanders</td>
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<td>Strategic Plan</td>
</tr>
<tr>
<td>Strategic Initiative:</td>
<td>Smart City Technology and Systems</td>
</tr>
<tr>
<td>Deadline:</td>
<td>January 8, 2018</td>
</tr>
<tr>
<td>Outcome: (deliverables, delivery duties, milestones to meet)</td>
<td>Improve quality of trash and recycling service in the downtown BID and Riverfront Park. Utilization of the BigBelly “Clean Technology” software for collection management, reporting with the ability to add Wi-Fi routers throughout downtown and Riverfront Park</td>
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## Background/History:

Starting in late August, Neighborhood and Business Services conducted several surveys of the current waste collection system, as it pertains to receptacles, for downtown sidewalks. Some of the surveys were unaccompanied, and others were done in conjunction with the Downtown Spokane Partnership’s (DSP) Clean Team.

Throughout the surveys the objective was to assess the current situation of the pedestrian waste collection system in the BID, and simultaneously identify friction points for the implementation of a new waste collection system.

The current waste collection system is old, low capacity, uncoordinated and inefficient. Some receptacles are 42 years old, others are only able to hold 10 gallons, and there are receptacles that are rusted and falling apart. There is immense variety of the types of cans used for collection, and even though there are recycling containers, the bins used for recycling are emptied into one rolling bin and mixed with the trash. There is no recycling of any waste collected by DSP’s Clean Team. Every receptacle is emptied each day, aside from the few far flung containers on the Business Improvement District’s (BID) perimeter.

Once the DSP BID analysis was complete, it was decided that the BigBelly Solar application would also be the best fit for the Riverfront Park renovation. The same work that went into the DSP BID is now underway with RFP officials to determine locations and number of units (20-30 double stations for the south bank of the Park up to 45 total units when construction is complete). The BigBelly Solar application in the Park will greatly improve the availability and ability to recycle.

This myriad of issues necessitates an improved system. The following recommendation will increase the overall waste capacity of the street waste collection system, reduce collections, and provide a uniform system throughout Spokane’s BID and Riverfront Park.
Executive Summary:
- Introduce Smart City technology into the DSP BID and Riverfront Park.
- Ability to provide Wi-Fi throughout downtown and Riverfront Park.
- Utilize Clean Technology software for collection management, reporting, monitoring and addition of Wi-Fi capacity.
- Remove 77 assorted trash cans in the DSP BID area and replace them with 43 BigBelly solar trash compactors and 23 recycling stations.
- Remove 75 assorted trash cans in Riverfront Park and replace them with up to 45 BigBelly solar trash compactors and 45 recycling stations.
- Collection service in both areas will now be provided by the Solid Waste Collection department utilizing the Clean Technology Software.
- The contract with BigBelly is a 60 month Lease whereby BigBelly will own and maintain the units with the City’s full use of advertising panels and/or vinyl theme wraps.
- The annual lease amount for the DSP BID is approximately $72,000.
- The annual lease for Riverfront Park will be similar once the Park is fully deployed after construction.
- Funding will be provided by the Solid Waste Collection department.
- Recycling in the DSP BID and Riverfront Park will be greatly improved and increased.

**Budget Impact:**
- Approved in current year budget?  Yes
- Annual/Reoccurring expenditure?  Yes
- If new, specify funding source: Solid Waste Collection department will fund this project as a community enhancement program.
- Other budget impacts: (revenue generating, match requirements, etc.)

**Operations Impact:**
- Consistent with current operations/policy?  Yes
- Requires change in current operations/policy?  Yes
- Specify changes required: Change collection system from DSP in the BID and Parks in the Park to the Solid Waste Collection department, which has capacity on their night routes.
- Known challenges/barriers: Only remaining challenge is collection in the Park. Solid Waste crews will have to use carts to roll in and out of the Park for servicing trash and recycling.
Similar sized cities that have implemented the Bigbelly network have seen substantial increases in operational efficiency, litter reduction by as much as 70%, and collections frequency decrease. Also, through use of the Clean Technology software, operations managers will be able to identified high foot traffic volume using data from disposal frequency rather than anecdotal evidence. Recycling will increase tremendously and the Clean Technology software calculates the recycling diversion rate and reflects that rate on the system dashboard.

**DSP BID Transition Results**

<table>
<thead>
<tr>
<th>Traditional Waste Operations</th>
<th>Waste Operations with Bigbelly</th>
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<tbody>
<tr>
<td>77 traditional bin locations</td>
<td>45 Bigbelly locations</td>
</tr>
<tr>
<td>1,925 gallons</td>
<td>6,750 gallons (+1100 recycling gal.)</td>
</tr>
<tr>
<td>5-6 per week per bin</td>
<td>2 per week per station</td>
</tr>
<tr>
<td>22 - 26 collections per month</td>
<td>9 collections per month</td>
</tr>
<tr>
<td>1,694 bags per month</td>
<td>405 bags per month</td>
</tr>
<tr>
<td>152 hours per month</td>
<td>60 hours per month</td>
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</tbody>
</table>

The same results will be recognized in Riverfront Park
## Cincinnati Greenway Public Outreach

**Background/History:**
The Cincinnati Greenway project is programmed for construction in 2019. Project budget includes a federal transportation grant as well as an allotment of TBD dollars.

The project will convert Cincinnati St into a neighborhood greenway between Spokane Falls Blvd and Euclid Avenue to prioritize pedestrian and bicycle use. Intersection crossings, sidewalk infill, landscaping and wayfinding will be used. A Gonzaga University senior project team is working with ICM staff to scope this project. This student team’s faculty mentor is Rhonda Young, who is also a member of the Bicycle Advisory Board.

**Executive Summary:**
- Public input beginning for the Cincinnati Greenway
- Logan Neighborhood 11/29/17, East Central and Nevada Heights to come
- Next steps to include alternatives review in public meeting and neighborhood councils early spring of 2018

**Budget Impact:**
- Approved in current year budget? Yes
- Annual/Reoccurring expenditure? Yes
- Other budget impacts: (revenue generating, match requirements, etc.)

**Operations Impact:**
- Requires change in current operations/policy? Yes
- Known challenges required:

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<table>
<thead>
<tr>
<th><strong>Division &amp; Department:</strong></th>
<th>Public Works – Integrated Capital Management</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject:</strong></td>
<td>Cincinnati Greenway Public Outreach</td>
</tr>
<tr>
<td><strong>Date:</strong></td>
<td>12-11-17</td>
</tr>
<tr>
<td><strong>Author (email &amp; phone):</strong></td>
<td>Brandon Blankenagel (<a href="mailto:bblankenagel@spokanecity.org">bblankenagel@spokanecity.org</a>  509-625-6419)</td>
</tr>
<tr>
<td><strong>City Council Sponsor:</strong></td>
<td>Scott Simmons</td>
</tr>
<tr>
<td><strong>Committee(s) Impacted:</strong></td>
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- **Type of Agenda item:**
  - Consents
  - Discussion
  - Strategic Initiative

- **Alignment:** (link agenda item to guiding document – i.e., Master Plan, Budget, Comp Plan, Policy, Charter, Strategic Plan)
  - Comprehensive Plan, Pedestrian Master Plan, Master Bike Plan

- **Strategic Initiative:**

- **Deadline:**

- **Outcome:** (deliverables, delivery duties, milestones to meet)
  - Informational

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### Briefing Paper
**Public Infrastructure, Environment, and Sustainability**

<table>
<thead>
<tr>
<th>Division &amp; Department:</th>
<th>Public Works: ICM</th>
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<tbody>
<tr>
<td>Subject:</td>
<td>Freya Street from Garland to Francis</td>
</tr>
<tr>
<td>Date:</td>
<td>December 11, 2017</td>
</tr>
<tr>
<td>Author (email &amp; phone):</td>
<td>Katherine Miller</td>
</tr>
<tr>
<td>City Council Sponsor:</td>
<td></td>
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<tr>
<td>Executive Sponsor:</td>
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<td>Committee(s) Impacted:</td>
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<td>![Consent] ![Discussion] ![Strategic Initiative]</td>
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**Background/History:**
Freya Street from Garland to Francis was placed in the 2018-2023 Transportation Capital Program based on the “roadways of significance” strategy. The strategy was created specifically to have a process that allows for selecting projects outside of the normal “matrix” scoring process when a project is deemed a priority from an economic perspective, yet does not score high enough thru the matrix scoring process to be selected. When the matrix scoring process was developed by the Plan Commission’s Transportation Subcommittee, the need for some type of process to allow for projects to be elevated was identified and for flexibility that would also not create an unintended backdoor to the process, i.e. any strategy created would need to severely limit the number of projects that could use this strategy yet provide some flexibility to allow those projects that the community deems important not to be restricted or held back due to an inflexible system. This strategy however was ultimately removed during the approval of Comprehensive Plan update. Without this strategy, the current Freya Street project is not consistent with the City’s Comprehensive Plan and action is needed. Two actions are being recommended:

1. **Remove the current project from the Program and reevaluate a revised project that is consistent with the Comp Plan.** Project costs would be increased to reflect the needed ROW and full buildout. This new project would go through the Council’s Transportation subcommittee for review and project selection based on the matrix selection process. The previous time this project was considered through the matrix selection process, it did not score high enough to be considered. A policy to address this issue would both maintain the integrity of the matrix selection process and create a well-defined process to follow outside the matrix.

2. **Develop a new policy to allow for transportation projects, such as the Freya Project currently in the Program, to be allowed when economic interests create the need to elevate a project outside the normal matrix scoring process.** This action will create a well-defined process that allows projects that while they may not score well within the matrix selection process, they can elevate to the 6-yr program when they meet the economic criteria that would be established by this policy.
Executive Summary:
- There are two issues that need to be addressed: 1) The Freya Street project from Garland to Francis is NOT consistent with the Comprehensive Plan; 2) When the matrix selection project was developed by the Plan Commission’s Transportation Subcommittee, the need for flexibility was identified based on the knowledge that no selection process would ever be perfect and the need to select projects outside the matrix would be needed. Without both the flexibility and control a policy would create, the matrix will lose its integrity as the Freya project conundrum is illustrating.
- The Freya Street project from Garland to Francis was approved in the 6-yr Program based on the “Roadways of Significance” (ROS) strategy.
- Council ultimately did not approve the ROS strategy during the recent Comprehensive Plan update.
- The Freya Street project as shown in the current Program (2018-2023) is NOT consistent with the Comprehensive Plan and needs to be removed, however it does not score high enough through the matrix process to be considered without some process or policy in place.
- A policy is needed that will create a well-defined process that allows projects that while they may not score well within the matrix selection process, they can elevate to the 6-yr program when they meet the economic criteria that would be established by this policy.

Budget Impact:
- Approved in current year budget? □ Yes □ No
- Annual/Reoccurring expenditure? □ Yes □ No
- If new, specify funding source:
- Other budget impacts: (revenue generating, match requirements, etc.)

Operations Impact:
- Consistent with current operations/policy? □ Yes □ No
- Requires change in current operations/policy? □ Yes □ No
- Specify changes required:
- Known challenges/barriers:
Presentations
Apprenticeship Program
Article X

City of Spokane
Jason Sandobal
Contract Compliance/Business Standards Officer
Apprenticeship Program Ordinance SMC
Article X

• Summary
  • Enacted in 2015

• Previous Status
  • 5% in 2015, 10% in 2016

• Current Status
  • 15% in 2017 on Public Works Contracts > 600k and on sub contracts > 100k
Implementation

• Updated Forms – Acknowledgement, Reporting, etc.
• Updated Bid/Contract Language both internal and external
• Increased awareness
• Outreach
  • General/Sub contractors
  • Trade Apprenticeship Programs
Monitoring

- Monthly Reporting by job
- Required Job-specific forms
- Quarterly Review all projects
- Perform Quarterly Audit on Selected Projects.
  - Verify Apprentice Monthly Reports against Certified Payrolls, Daily Reports, Invoicing.
  - Projects selected judgmental based upon risk, dollar amount, history, new contractor, etc.
Apprentice Participation through 3rd Quarter

- Over 20 projects including:
  - CSO projects, 37th Ave Rehab, Riverfront Ice Rink, Loof Carousel, University Pedestrian Bridge and IO3 Control Facility to name a few.
- Contracts valued at over 100M
- City Wide Participation rate of 17%
  - 2% above targeted goal of 15%
  - XXX Journeyman Hours and XXX Apprentice Hours
Community Feedback

- ‘You dispelled a lot of the myths around the Apprentice Program.’ Northwest Laborers-Employers
- Positive Feedback from Spokane Alliance.
- Overall Positive Feedback from Apprentice Coordinators in Spokane.
  - Actions are a positive step in the right direction.
  - Responsible for employing 30 plus apprentices through AGC NW and they recorded an increase in calls and interest in 2017.
Opportunities/Questions
DOWNTOWN CORE RECYCLING AND WASTE RECEPTACLE REPLACEMENT DISCUSSION
Alex Reynolds, Community Programs Coordinator
Neighborhood and Business Services
NOVEMBER 30, 2017
Objective: Establish recycling collection on Downtown sidewalks, increase waste collection efficiency, create a coordinated system that is a visual hallmark of the City, and increase capacity of Downtown Spokane Partnership (DSP)

- Replacement of all pedestrian waste receptacles with a networked waste container system
- Increase recycling stations, decrease waste stations
- Collection transfer: DSP → Solid Waste Collections
- DSP capacity increase
- Increase productivity, reduction of collections, overflow and windblown litter
- Attractive base to leverage initiatives
**PROPOSED RECEPTACLES**

**Solar Bubble**
Designed to withstand 20lb sledgehammer blows without compromising integrity or damage to solar panel.

**Frame Construction**
Galvanized structural frame is repairable in the event of a vehicle strike.

**Plastic Side Skins**
Designed to withstand everyday dents and scratches. Anti-stick properties enable easy cleaning. Easy to replace if damaged.

**Doors and Rear Panels**
Galvanized and powder coated panels. All exposed metal is stainless steel or anodized aluminum.

**Foot Pedal**
Patent pending foot pedal. Opens hopper in a controlled manner, eliminating the risk of dangerous bodily impact.

**Bigbelly Engineered Hopper**
Intrinsically safe, mechanically impossible to get hand or arm in compactor. Zero injuries in 14 years.

**Vandal Resistant**
Designed & proven to be street tough. No pry points or external fasteners. Can handle excessive hammer blows to latch & lock.

**Door Latch and Lock**
Designed, tested and proven to handle rough operations for 1,000s of cycles. Automatically locks when closed.

**Compactor**
High Capacity models feature durable built-in compactor with up to 5:1 compression ratio.
CUMSTIMIZATION OPTIONS: FOOT PEDAL, ASH TRAY, AND MESSAGING PANELS

Foot Pedal  Ash Tray  Messaging Panels
WRAP ART IN PHILADELPHIA
DSP

CURRENT COLLECTION METHOD

• DSP dispatches two “Clean Team” groups of two to three people on foot with a large rolling bin, and other various equipment

• Clean Team sweeps side walks, conducts graffiti abatement, and collects waste from sidewalk receptacles

• No recycling is conducted

• Almost every waste bin is emptied regardless of how full it is

• The routes take from approximately 8:00 A.M. to 3:00 P.M. depending on conditions
• The Solid Waste Collection department will absorb the collection from networked containers by responding to full containers as a part of their night routes Downtown

• Solid Waste will utilize the software associated with the procured system, reducing collections

• It is anticipated that any smart trash can collections (1-10 stations per night) would be done with no resulting increase in Solid Waste’s current capacity
### THE NUMBERS

<table>
<thead>
<tr>
<th>Traditional Waste Operations</th>
<th>Waste Operations with Bigbelly</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>77 traditional bin locations</strong></td>
<td><strong>45 Bigbelly locations</strong></td>
</tr>
<tr>
<td>1,925 gallons</td>
<td>6,750 gallons (+1100 recycling gal.)</td>
</tr>
<tr>
<td>5-6 per week per bin</td>
<td>2 per week per station</td>
</tr>
<tr>
<td>22 - 26 collections per month</td>
<td>9 collections per month</td>
</tr>
<tr>
<td><strong>1,694 bags per month</strong></td>
<td><strong>405 bags per month</strong></td>
</tr>
<tr>
<td><strong>152 hours per month</strong></td>
<td><strong>60 hours per month</strong></td>
</tr>
</tbody>
</table>

92 Hours of Labor Savings per Month to Reallocate Towards More Meaningful Work
THE NUMBERS

• Current annual cost to DSP: $30K (labor and vehicle)

• Projected annual cost for networked system lease (Bigbelly quotes): $71K annually (additional $41K shipping/installation/tax)

• Removal of current waste containers: $0 – $10K

• Collection by Solid Waste: It is anticipated that Solid Waste will be able to collect the waste from the new system with no increase to capacity, incurring no additional labor or truck cost
CLEAN TECHNOLOGY SOFTWARE
CURRENT RECEPTACLE LOCATIONS
PROPOSED RECEPTACLE LOCATIONS
PROPOSED RECEPTACLE LOCATIONS
PROPOSED RECEPTACLE LOCATIONS

PACIFIC AVE LOCATIONS
**TIMELINE AS OF 27 NOV 2017**

- **NOV 1st, 2017**: Issue RFP
- **NOV 13, 2017**: Proposals are due
- **NOV 27, 2017**: Intent to award contact published
- **JAN, 2018**: Contract finalized and order placed. (3-4 week delivery) installation complete FEB, 2018
QUESTIONS?