

RESOLUTION NO. 2997

A RESOLUTION ADOPTING THE 2016-2020 CAPITAL IMPROVEMENT PROGRAMS.

Findings:

- A. The City's Fiscal Policies state that a five year Capital Improvement Program (CIP) encompassing all City facilities shall be prepared and updated annually.
- B. The five year CIP will be incorporated into the City's budget and long range financial planning processes.
- C. Changes to the CIP such as the addition of new projects, changes in scope and costs of a project or reprioritization of projects will require City Council or City Manager approval.

THE CITY COUNCIL OF THE CITY OF BEND RESOLVES AS FOLLOWS:

- 1. To adopt the 2016-2020 Capital Improvement Programs, as shown in Exhibit A.

Adopted by roll call vote of the Bend City Council on June 17, 2015.

Yes: Jim Clinton, Mayor
Doug Knight
Sally Russell
Nathan Boddie
Barb Campbell

No: Victor Chudowsky
Casey Roats

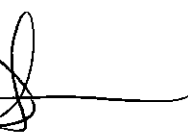


Jim Clinton, Mayor

ATTEST:



Robyn Christie, City Recorder

Approved as to form: 

Mary Winters, City Attorney



**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Water
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Cost Estimate | | | | | 5 Year Total |
|--|-----------------------------------|---------------------|-------------------|-------------|-------------|---------------------|---------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| WA12AA 18th Street Waterline Extension (JR) | 2 | \$ 460,000 | \$ - | \$ - | \$ - | \$ - | \$ 460,000 |
| WA15BA SDC Methodology Study | N/A | 60,000 | - | - | - | - | 60,000 |
| WA15FA Firerock Bridge & Waterline | 5 | 50,000 | 400,000 | - | - | - | 450,000 |
| WA15GA South 3rd Street Pedestrian - Water portion | 5 | 70,000 | - | - | - | - | 70,000 |
| WA15HA Water Master Plan Update | N/A | 500,000 | - | - | - | - | 500,000 |
| WA15JA Phase 2 South 3rd St. - Water portion | 5 | 1,100,000 | - | - | - | - | 1,100,000 |
| WA16AA Westwood Reservoir Maintenance | 5 | 345,000 | - | - | - | - | 345,000 |
| WA20AX Awbrey Well Supply Expansion | 5 | - | - | - | - | 1,944,000 | 1,944,000 |
| WA20BX Lafayette Pipe Enlargement | 5 | - | - | - | - | 241,000 | 241,000 |
| WA20CX College Parallel Pipe Study | N/A | - | - | - | - | 1,169,000 | 1,169,000 |
| WA20DX Valves Operational System Study | N/A | - | - | - | - | 75,000 | 75,000 |
| Total Water CIP | | \$ 2,685,000 | \$ 400,000 | \$ - | \$ - | \$ 3,429,000 | \$ 6,414,000 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |

**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Bridge Creek Intake and Pipeline Replacement, Outback Membrane Water Treatment Plant
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Year | | | | | 5 Year Total |
|---|-----------------------------------|----------------------|-------------|-------------|-------------|-------------|----------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| WA0902 Bridge Creek Intake and Pipeline | 1 | \$ 14,331,500 | \$ - | \$ - | \$ - | \$ - | \$ 14,331,500 |
| Total Bridge Creek CIP | | \$ 14,331,500 | \$ - | \$ - | \$ - | \$ - | \$ 14,331,500 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| NA | Not Applicable (For Studies Only) | | |



**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Water Reclamation (Sewer)
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Cost Estimate | | | | | 5 Year Total |
|--|-----------------------------------|----------------------|-------------------|---------------------|---------------------|---------------------|----------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| SW11BA Valhalla Sewer Relocation | 5 | \$ 1,746,000 | \$ - | \$ - | \$ - | \$ - | \$ 1,746,000 |
| SW12AA Collection System Master Plan Update | 5 | 506,000 | - | - | - | - | 506,000 |
| SW13DA North Area Sewer Capacity Improvements | 5 | 5,909,300 | - | - | - | - | 5,909,300 |
| SW13EA Colorado Pump Station and Force Main | 1 | 11,321,400 | - | - | - | - | 11,321,400 |
| SW14BA Deschutes Brewery Sewer | 1 | 170,000 | - | - | - | - | 170,000 |
| SW15AA Plant Interceptor Rehabilitation | 5 | 5,718,000 | - | - | - | - | 5,718,000 |
| SW15DA N.E. 2nd & Penn Sewer Line Realignment | 5 | 100,000 | 200,000 | - | - | - | 300,000 |
| SW15GA Wood River Village Lift Station/Vacuum Evaluatior | 5 | 50,000 | - | - | - | - | 50,000 |
| SW15JA Bend South Sewer Evaluation | 5 | 50,000 | - | - | - | - | 50,000 |
| SW15JA WRF Treatment Plant Upgrades | 5 | 100,000 | 100,000 | 100,000 | 200,000 | 200,000 | 700,000 |
| SW17AA WRF Facilities Plan Update | 5 | - | - | 500,000 | - | - | 500,000 |
| SW18BX Parallel Sewer on Olney Avenue | 5 | - | - | 581,000 | - | - | 581,000 |
| SW15KA WRF Evaporation Percolation Ponds | 5 | - | - | - | 1,567,000 | - | 1,567,000 |
| SW19AX Amethyst/Mahogany Street Sewer | 5 | - | - | - | 679,000 | - | 679,000 |
| SW19BX Mahogany Street/Hwy 97 Sewer | 5 | - | - | - | 999,000 | - | 999,000 |
| SW18AA WRF Support Facilities Upgrade | 5 | - | - | - | - | 2,400,000 | 2,400,000 |
| SW20AX Odor Control Master Plan | 5 | - | - | - | - | 1,000,000 | 1,000,000 |
| SW20BX Sewer Storage - Land Acquisition | 5 | - | - | - | - | 700,000 | 700,000 |
| SW20EX Plant Interceptor Condition Assessment | 5 | - | - | - | - | 600,000 | 600,000 |
| SW20FX Collection System Master Plan (Years 6-10) | 5 | - | - | - | - | 1,000,000 | 1,000,000 |
| SW20GX Gravity Pipe Condition Assessment | 5 | - | - | - | - | 200,000 | 200,000 |
| Total Water Reclamation CIP | | \$ 25,670,700 | \$ 300,000 | \$ 1,181,000 | \$ 3,445,000 | \$ 6,100,000 | \$ 36,696,700 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |

**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Water Reclamation Facility Secondary Expansion Project
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Cost Estimate | | | | | 5 Year Total |
|--|-----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| SW0802 Secondary Expansion | 1 | \$ 6,148,000 | \$ 1,102,000 | \$ - | \$ - | \$ - | \$ 7,250,000 |
| SW14CA Headworks Upgrade | 1 | 1,000,000 | - | - | - | - | 1,000,000 |
| SW16AA Solids Handling (Secondary Expansion) | 1 | - | 250,000 | 1,750,000 | 1,000,000 | 1,000,000 | 4,000,000 |
| Total Secondary Expansion CIP | | \$ 7,148,000 | \$ 1,352,000 | \$ 1,750,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 12,250,000 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| NA | Not Applicable (For Studies Only) | | |

**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Southeast Interceptor Project
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 5 Year Total |
|---|-----------------------------------|----------------------|---------------------|---------------------|-------------|---------------------|----------------------|
| SW0707 Southeast Interceptor Project | 4 | \$ 16,163,000 | \$ 7,925,000 | \$ 7,185,000 | \$ - | \$ - | \$ 31,273,000 |
| SW0707 Southeast Interceptor Project Phase II | 5 | - | - | - | - | 5,737,000 | 5,737,000 |
| Total SE Interceptor CIP | | \$ 16,163,000 | \$ 7,925,000 | \$ 7,185,000 | \$ - | \$ 5,737,000 | \$ 37,010,000 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |



**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Stormwater
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Year | | | | | 5 Year Total |
|---|-----------------------------------|-------------------|-------------------|-------------|-------------------|-------------|---------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| SR0802 Drake and Dohema Pump Station | 1 | \$ 172,000 | \$ - | \$ - | \$ - | \$ - | \$ 172,000 |
| SR09AA Third Street Underpass | 1 | 55,000 | - | - | - | - | 55,000 |
| SR14AA Phase 2 3rd Street - Stormwater portion | 5 | 400,000 | - | - | - | - | 400,000 |
| SR15AA Butte and Hillside Drainage Specific Plans | 5 | 150,000 | 100,000 | - | - | - | 250,000 |
| SR15BA South 3rd Street - Stormwater portion | 4 | 150,000 | - | - | - | - | 150,000 |
| SR15CA Newport Pipe Replacement Design | 5 | - | - | - | 425,000 | - | 425,000 |
| Total Stormwater CIP | | \$ 927,000 | \$ 100,000 | \$ - | \$ 425,000 | \$ - | \$ 1,452,000 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |

**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Transportation Construction
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Cost Estimate | | | | | 5 Year Total |
|--|-----------------------------------|-------------------|---------------------|------------------|-------------|-------------|---------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| ST11GA Galveston Corridor Improvements | 1 | \$ 250,000 | \$ 50,000 | \$ - | \$ - | \$ - | \$ 300,000 |
| ST14CA Sidewalk Design and Projects** | 5 | 350,000 | 970,000 | 20,000 | - | - | 1,340,000 |
| ST14DA Neff and Purcell Sidewalks | 5 | 300,000 | 500,000 | - | - | - | 800,000 |
| ST15NA Phase 2 South 3rd Street Striping | 5 | 30,000 | - | - | - | - | 30,000 |
| Total Transportation CIP | | \$ 930,000 | \$ 1,520,000 | \$ 20,000 | \$ - | \$ - | \$ 2,470,000 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |

** In addition to the amounts listed above, \$100,000 will be transferred in 2015-16 & 2016-17 to the Transportation Operations Program for sidewalk construction to be performed by City staff.



**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**General Obligation (GO) Bond Construction
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Cost Estimate | | | | | 5 Year Total |
|--|-----------------------------------|---------------------|---------------------|-------------|-------------|-------------|---------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| ST12CB Empire/18th Roundabout | 1 | \$ 10,200 | \$ - | \$ - | \$ - | \$ - | \$ 10,200 |
| ST12CC Simpson/Mt. Washington Roundabout | 1 | 20,000 | - | - | - | - | 20,000 |
| ST12CD Powers/Brookwood Roundabout | 1 | 1,000 | - | - | - | - | 1,000 |
| ST12CE Reed Mkt. Newberry to 27th | 1 | 20,000 | - | - | - | - | 20,000 |
| ST12CJ Reed Mkt: 3rd to Newberry | 1 | 4,242,210 | - | - | - | - | 4,242,210 |
| ST12CH 27th Street Reconstruction | 5 | - | 1,049,300 | - | - | - | 1,049,300 |
| ST12CK 14th St. Reconstruction | 5 | 2,739,650 | 1,149,300 | - | - | - | 3,888,950 |
| Total GO Bond CIP | | \$ 7,033,060 | \$ 2,198,600 | \$ - | \$ - | \$ - | \$ 9,231,660 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |

**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Airport
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Cost Estimate | | | | | 5 Year Total |
|--|-----------------------------------|---------------------|---------------------|---------------------|-------------------|-------------------|----------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| AP13AA Eastside Helipad/Heliport Phase I | 3 | \$ 5,158,639 | \$ 2,000,000 | \$ - | \$ - | \$ - | \$ 7,158,639 |
| AP15DA Wildlife Hazard Assessment | N/A | 111,200 | - | - | - | - | 111,200 |
| AP16AA FBO Ramp | 5 | - | - | 1,755,000 | - | - | 1,755,000 |
| AP18XX Runway Ext. EA Phase I | 5 | - | - | 280,000 | - | - | 280,000 |
| AP19XX Runway Ext. EA Phase II Environmental | 5 | - | - | - | 300,000 | - | 300,000 |
| AP20XX Runway Ext. Design/Property Acquisition | 5 | - | - | - | - | 500,000 | 500,000 |
| Total Airport CIP | | \$ 5,269,839 | \$ 2,000,000 | \$ 2,035,000 | \$ 300,000 | \$ 500,000 | \$ 10,104,839 |

Note: Airport capital improvement projects are pending approval of 90% FAA funding and other funding sources for City match.

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |

**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Facilities Management
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | Cost Estimate | | | | | 5 Year Total |
|---|-----------------------------------|---------------------|------------------|---------------------|---------------------|----------------------|----------------------|
| | | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| FA16AX Property Purchase - Boyd Acres | N/A | \$ 1,100,000 | \$ - | \$ - | \$ - | \$ - | \$ 1,100,000 |
| FA16BX Fuel Island - Pilot Butte ** | 5 | 2,000,000 | - | - | - | - | 2,000,000 |
| FA17AX Site Paving/Grading - Pilot Butte | 5 | - | 20,000 | 5,857,000 | - | - | 5,877,000 |
| FA18AX Site Development/Fuel Island - Boyd Acres | 5 | - | - | 3,359,000 | - | - | 3,359,000 |
| FA19AX Vehicle Storage/Parking - Pilot Butte | 5 | - | - | - | 5,709,000 | - | 5,709,000 |
| FA20AX Fleet Building/Truck Wash - Pilot Butte | 5 | - | - | - | - | 12,878,000 | 12,878,000 |
| FA20BX Operations Building B Remodel - Boyd Acres | 5 | - | - | - | - | 1,043,000 | 1,043,000 |
| Total Facilities CIP | | \$ 3,100,000 | \$ 20,000 | \$ 9,216,000 | \$ 5,709,000 | \$ 13,921,000 | \$ 31,966,000 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |

** The fuel island project will be managed by Facilities Staff but funded out of the Garage Program.

(1) These projects are generated as a result of the 20 year facilities plan created in February 2015.

(2) The City Hall downtown campus 5 year plan has not been completed. The Facilities CIP will be updated accordingly upon its completion.

**Resolution to Adopt 2016-2020 Capital Improvement Program
Exhibit A**

**Accessibility Construction
Five Year Capital Improvement Program (CIP) Schedule**

| | Cost Estimate Classification * | 2016-2020 | | | | | 5 Year Total |
|---|-----------------------------------|-------------------|-------------------|-------------|-------------|-------------|---------------------|
| | | 2016-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | |
| AA11FA South 3rd Street Pedestrian Improvements | 5 | \$ 355,000 | \$ - | \$ - | \$ - | \$ - | \$ 355,000 |
| AA14DA Summit Drive Curb Ramps | 2 | 318,000 | - | - | - | - | 318,000 |
| AA17XX Future ADA Projects ** | 5 | - | 350,000 | - | - | - | 350,000 |
| Total Accessibility CIP *** | | \$ 673,000 | \$ 350,000 | \$ - | \$ - | \$ - | \$ 1,023,000 |

* Cost estimate classifications are based on standards developed by the Association for the Advancement of Cost Engineering International (AACE)

| Estimate Class | Purpose | Project Definition Level | Cost Est. Range |
|----------------|-----------------------------------|--------------------------|-----------------|
| Class 5 | Concept or Feasibility | 0% to 2% | +100% / -50% |
| Class 4 | Preliminary Engineering | 1% to 15% | +50% / -30% |
| Class 3 | Semi-Detailed (30-60% Design) | 10% to 40% | +30% / -20% |
| Class 2 | Detailed (60-90% Design) | 30% to 70% | +20% / -15% |
| Class 1 | Final (100% Design) | 50% to 100% | +15% / -10% |
| N/A | Not Applicable (For Studies Only) | | |

** There will be approximately \$800,000 in reserves at the end of the 2015-2017 biennium that will be available for future accessibility improvements. Use of these funds will be prioritized by the Accessibility Manager and the new Project Manager that will be dedicated to overseeing accessibility projects.

*** In addition to the amounts listed above, \$150,000 will be transferred in 2015-16 to the Transportation Operations Program for ADA ramp construction to be performed by City staff.

