

RESOLUTION NO. 2887

RESOLUTION ADOPTING THE 2012-2017 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 2012-2017 Capital Improvement Programs, as shown in Exhibit A.

Adopted by roll call vote of the Bend City Council on June 20, 2012.

YES: Tom Greene
Scott Ramsay
Mark Capell
Jim Clinton
Kathie Eckman
Mayor Jeff Eager

NO: None



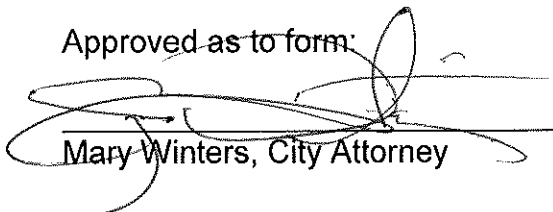
Jeff Eager, Mayor

ATTEST:

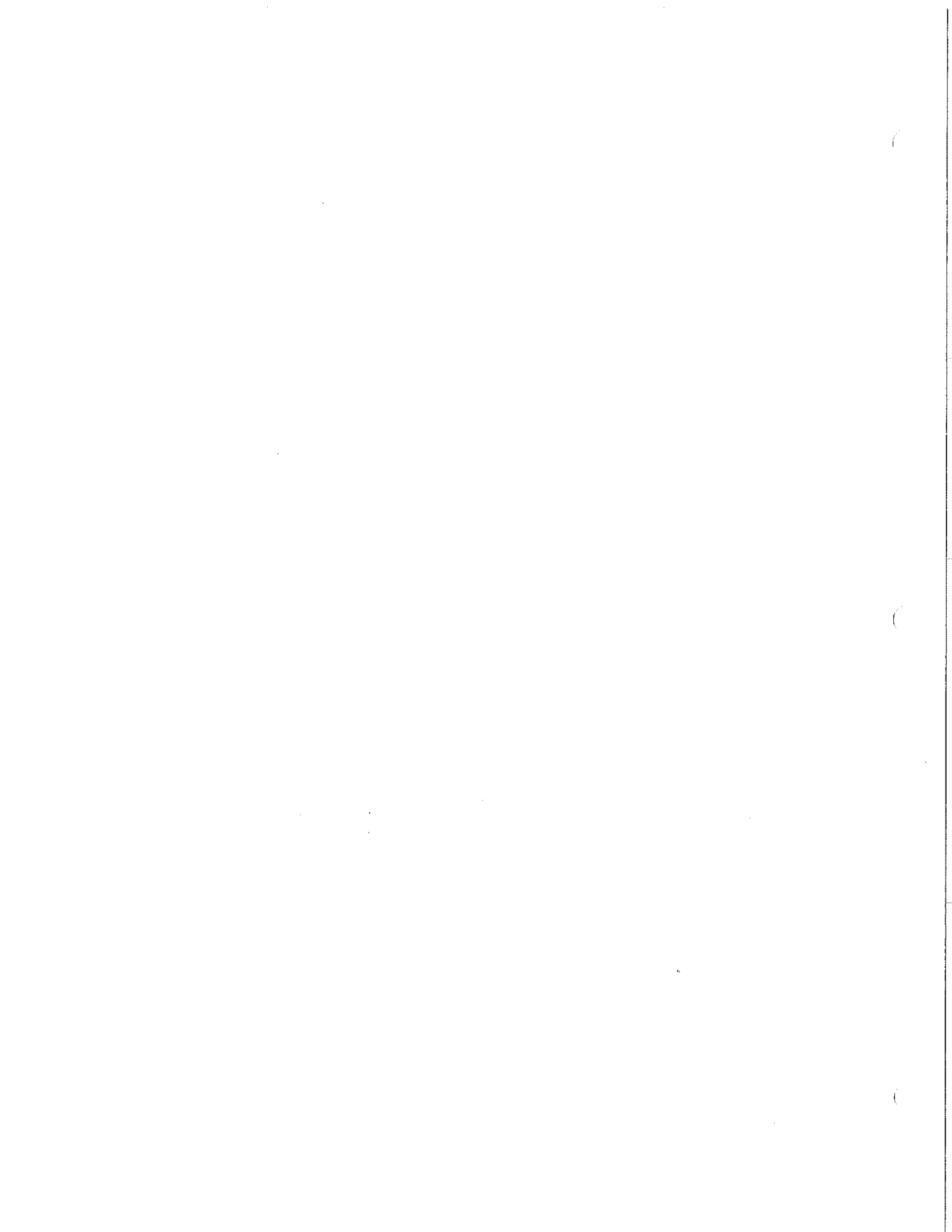


Robyn Christie, City Recorder

Approved as to form:



Mary Winters, City Attorney



**Resolution to Adopt 2012-2017 Capital Improvement Program
Exhibit A**

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

	Class Level	2012-13	2013-14	2014-15	2015-16	2016-17	5 yr. Budget Total
INFRASTRUCTURE REPAIRS, REPLACEMENT & UPGRADES							
Water Line Rehabilitation	N/A	\$ 449,000	\$ 750,000	\$ 750,000	\$ 500,000	\$ 500,000	\$ 2,949,000
Pump Station Replacement	N/A	80,000	80,000	80,000	80,000	80,000	400,000
Communications (SCADA Upgrade)	5	237,300	200,000	200,000	200,000	200,000	1,037,300
Total Repair & Maintenance		\$ 766,300	\$ 1,030,000	\$ 1,030,000	\$ 780,000	\$ 780,000	\$ 4,386,300
GROWTH RELATED							
<u>Continuing Projects:</u>							
<u>Water Resources</u>							
WA0422 Water Rights Acquisition	N/A	\$ 230,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	830,000
WA10DA Water MCP	N/A	-	75,000	75,000	75,000	75,000	300,000
<u>Water Infrastructure</u>							
WA0405 Outback Reservoir #3	5	100,000	-	-	-	-	100,000
WA0902 Surface Water Improvement*	2	19,461,800	5,057,580	-	-	-	24,519,380
WA10FA Water Modeling	N/A	100,000	100,000	100,000	100,000	100,000	500,000
<u>New Projects:</u>							
<u>Water Infrastructure</u>							
Washington / Simpson Waterline	5	360,000	-	-	-	-	360,000
13AA Mtn. High Waterline Ext.	4	937,100	1,100,000	-	-	-	2,037,100
Pilot Butte to 11th St. Waterline Ext.	5	-	-	-	-	271,400	271,400
WA12AA 18th St. Waterline Ext. JR	3	85,000	-	-	-	-	85,000
Total Growth Related		\$ 21,273,900	\$ 6,482,580	\$ 325,000	\$ 325,000	\$ 596,400	\$ 29,002,880
TOTAL Water CIP		\$ 22,040,200	\$ 7,512,580	\$ 1,355,000	\$ 1,105,000	\$ 1,376,400	\$ 33,389,180

* Pipe and Intake Only

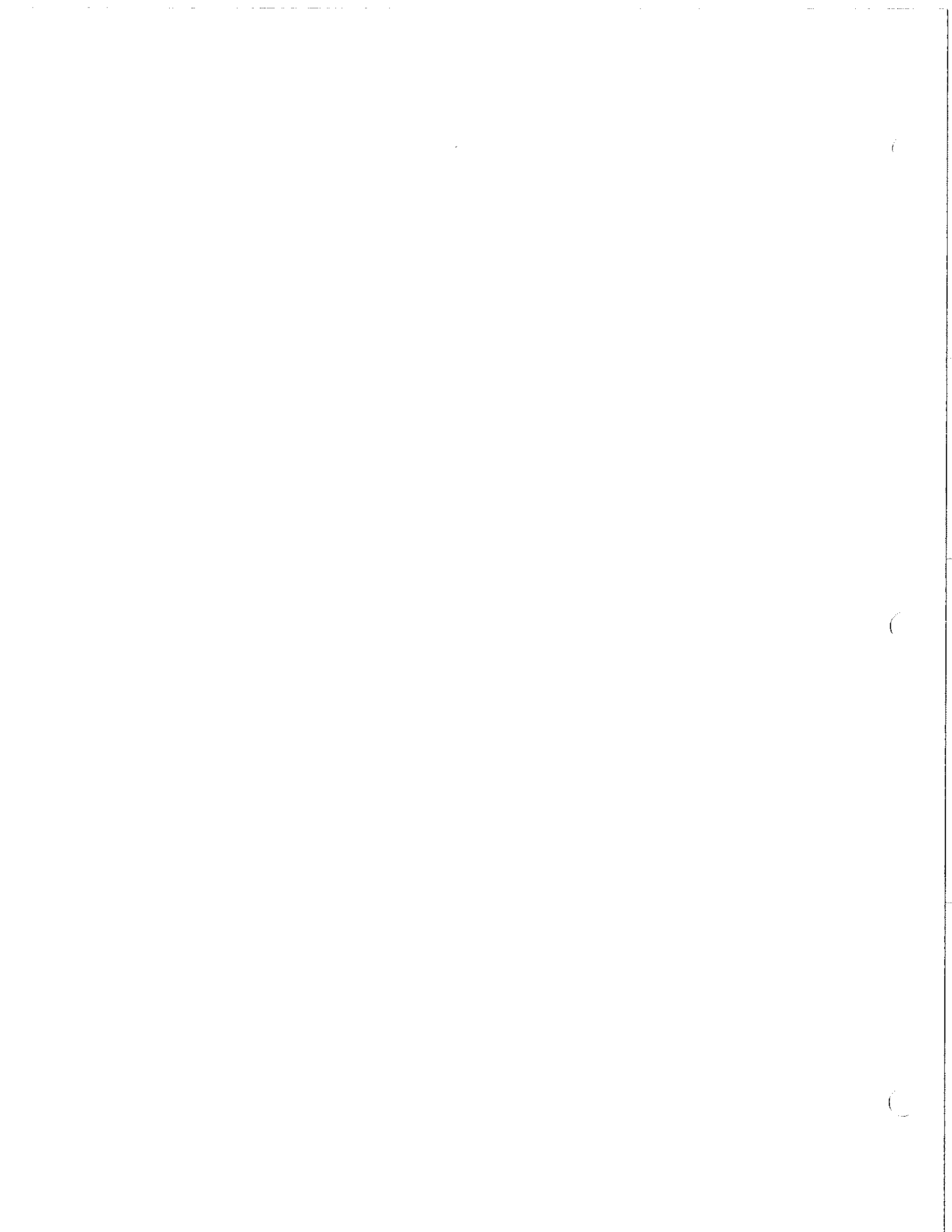
The City of Bend uses the cost estimate classification system from the Association for the Advancement of Cost Engineering International (AACE). The AACE provides cost estimate ranges (1-5) for the various stages of project development. Class 5 estimate is based on conceptual design (least amount of information) which make it subject to a wider range of costs due to the inherent uncertainty at this stage of project development. Class 1 estimate is based on final design (most amount of information) which make it subject to a narrower range of costs due to a higher degree of certainty associated with final design. CIP projects in the construction phase after final design are still subject to change anywhere from five to ten percent for reasons including but not limited to; owner requested schedule adjustments, equipment availability or non-availability, weather, ROW purchase/sale delays, operational issues and other unknowns that are only found during construction and could not be predicted in the design phase of the project. In addition, Public Works can not guarantee that the construction costs estimated in any given year are spent in that year. Construction costs may be higher in any given year of the project if the contractor is able to construct more than previously thought or planned. In the case of a utility project, this expedited construction schedule could impact any pre-planned utility rates for upcoming years.

AACE Cost Estimate Classification System:

- Class 5 (0% - 2%) = +100%/-50%
- Class 4 (1% - 15%) = +50%/-30%
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- Class 1 (50% - 100%) = +15%/-10%

Project Definition 3% - 5%

- Conceptual Design 15% - 20%
- Design Development 35% - 45%
- Construction Documents 90% - 100%



**Resolution to Adopt 2012-2017 Capital Improvement Program
Exhibit A**

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

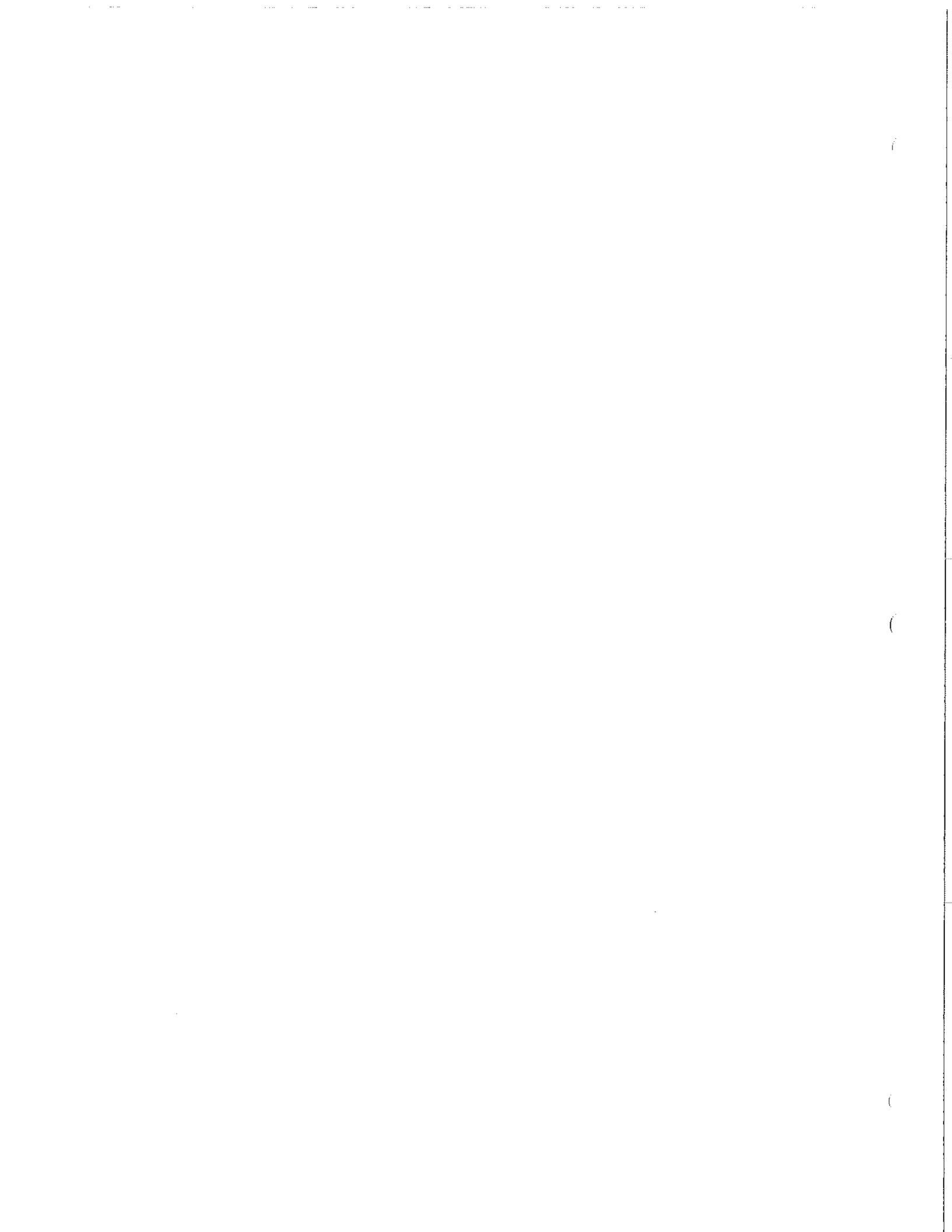
	Class Level	2012-13	2013-14	2014-15	2015-16	2016-17	5 yr. Budget Total
INFRASTRUCTURE REPAIRS, REPLACEMENT & UPGRADES							
Collection Line Rehabilitation:	1	\$ 841,900	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 3,041,900
Communications (SCADA Upgrade)	5	200,000	200,000	200,000	200,000	200,000	1,000,000
Total Repair & Maintenance		\$ 1,041,900	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 4,041,900
GROWTH RELATED							
<u>Continuing Projects:</u>							
SW0705 Primary & Digester Mod.	2	\$ 10,000	\$ -	\$ -	\$ -	\$ -	10,000
SW0707 SE Interceptor	1	300,000	-	-	-	-	300,000
SW0802 Secondary Expansion	3	5,500,000	11,000,000	11,000,000	8,140,000	-	35,640,000
SW11BA Valhalla Sewer Relocation	4	935,000	-	-	-	-	935,000
<u>New Projects:</u>							
Collection System Modeling	N/A	-	100,000	100,000	100,000	100,000	400,000
SW12AA Collection System MP	5	1,133,000	500,000	500,000	-	-	2,133,000
SW Simpson Pressure Line	5	500,000	-	-	-	-	500,000
Canal View Pumpstation	5	-	200,000	-	-	-	200,000
SW10AA Yeoman Intropr. Rehab	5	223,500	-	-	-	-	223,500
11 Growth Related		\$ 8,601,500	\$ 11,800,000	\$ 11,600,000	\$ 8,240,000	\$ 100,000	\$ 40,341,500
TOTAL Water Reclamation CIP		\$ 9,643,400	\$ 12,550,000	\$ 12,350,000	\$ 8,990,000	\$ 850,000	\$ 44,383,400

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**Resolution to Adopt 2012-2017 Capital Improvement Program
Exhibit A**

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

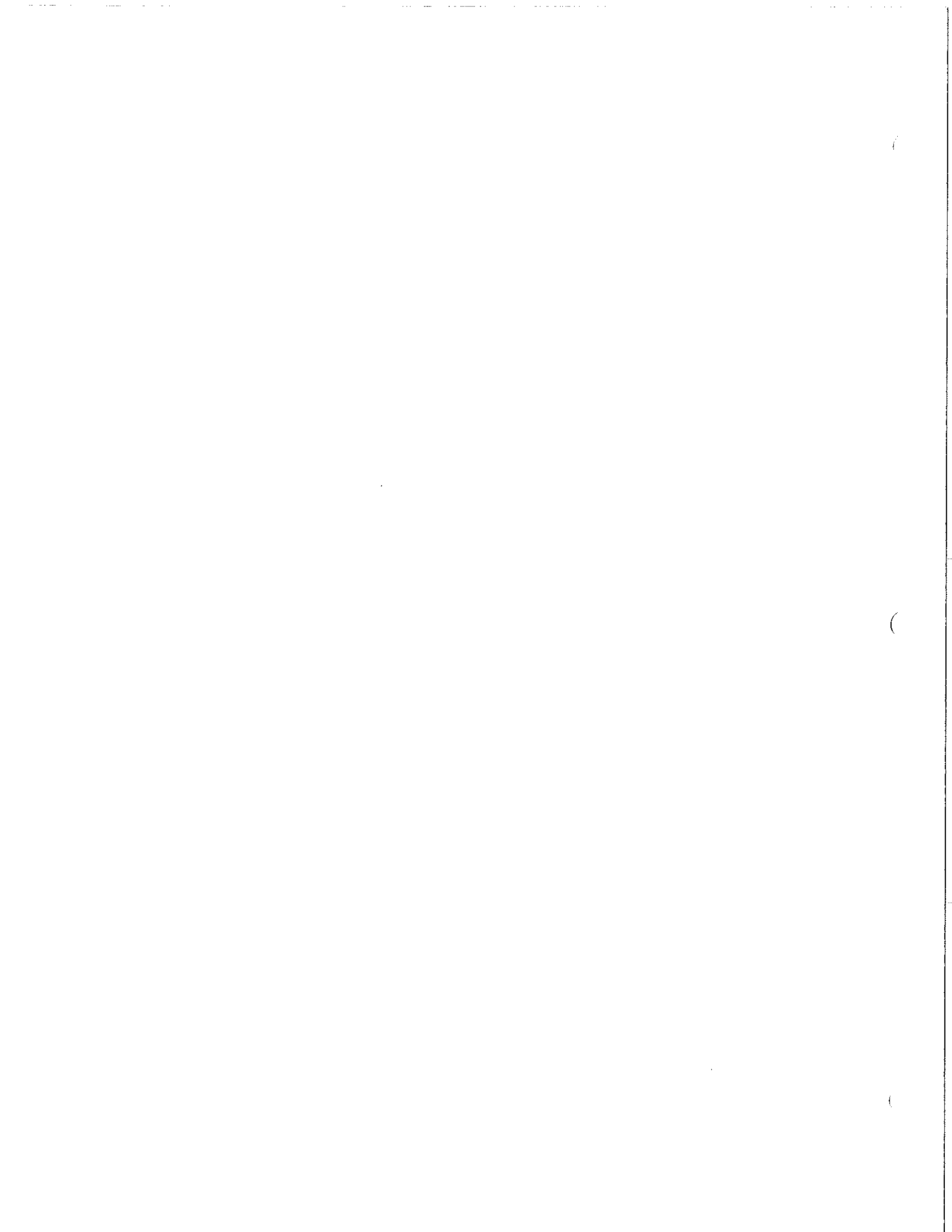
	Class Level	2012-13	2013-14	2014-15	2015-16	2016-17	5 yr. Budget Total
INFRASTRUCTURE REPAIRS, REPLACEMENT & UPGRADES							
Line Replacement Repair & Maint.	N/A	\$ 232,000	\$ 116,000	\$ 116,000	\$ 116,000	\$ 116,000	\$ 696,000
Total Repair & Maintenance		\$ 232,000	\$ 116,000	\$ 116,000	\$ 116,000	\$ 116,000	\$ 696,000
GROWTH RELATED							
<u>Continuing Projects:</u>							
SR0701 Stormwater Master Plan	1	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
SR0703 Westside Meadows	2	12,000	-	-	-	-	12,000
SR09AA Third Street Underpass	2	2,265,000	-	-	-	-	2,265,000
Total Growth Related		\$ 2,297,000	\$ -	\$ -	\$ -	\$ -	\$ 2,297,000
TOTAL Stormwater CIP		\$ 2,529,000	\$ 116,000	\$ 116,000	\$ 116,000	\$ 116,000	\$ 2,993,000

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**Resolution to Adopt 2012-2017 Capital Improvement Program
Exhibit A**

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

	Class Level	2012-13	2013-14	2014-15	2015-16	2016-17	5 yr. Budget Total
Programs / Studies:							
ST0602 Corridor Study Brookwood to 15th St.	1	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
ST0614 Arterial/Collector Traffic Safety	N/A	220,000	-	-	-	-	220,000
ST09SA Bridge Evaluation Program	5	50,000	-	-	-	-	50,000
ST11HA VMT-UGB Study	N/A	154,000	-	-	-	-	154,000
ST12AA Hwy. 97 Corridor	N/A	5,000	-	-	-	-	5,000
Total Programs / Studies		\$ 454,000	\$ -	\$ -	\$ -	\$ -	\$ 454,000
CIP Continuing Projects:							
EG10AH Energy Grant - Traffic Signal Efficiency	1	\$ 395,000	\$ -	\$ -	\$ -	\$ -	\$ 395,000
ST0813 Metolius Safety Project*	1	22,000	-	-	-	-	22,000
ST0902 Bear Cr. Rd. Ped. Imp.*	3	179,300	-	-	-	-	179,300
ST11FA Riverside/Franklin	5	738,000	600,000	-	-	-	1,338,000
ST11GA Galveston	5	110,000	100,000	-	-	-	210,000
ST11JA Murphy Overcrossing	5	582,400	-	-	-	-	582,400
CIP New Projects:							
West Ridge Connection (New)	5	25,000	-	-	-	-	25,000
Total Projects		2,051,700	700,000	-	-	-	2,751,700
TOTAL Transportation CIP		\$ 2,505,700	\$ 700,000	\$ -	\$ -	\$ -	\$ 3,205,700

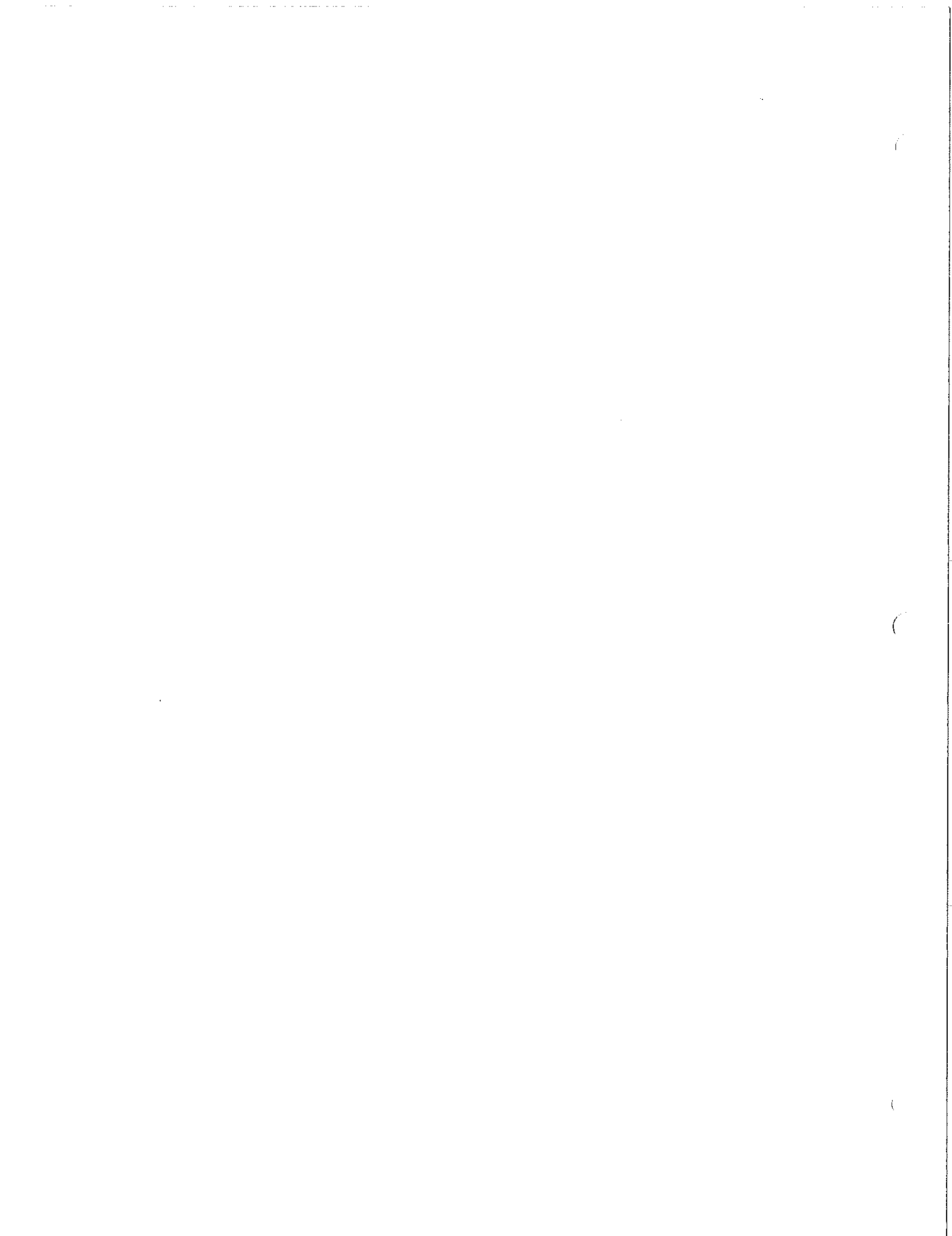
jects have a component of City self-performed construction.

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**Resolution to Adopt 2012-2017 Capital Improvement Program
Exhibit A**

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

	Class Level	2012-13	2013-14	2014-15	2015-16	2016-17	5 yr. Budget Total
Continuing Projects:							
AP10AA Airport Master Plan	1	\$ 3,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000
AP11AA Taxiway A Rehabilitation	1	1,606,600	-	-	-	-	1,606,600
New Projects:							
Heliport*	5	-	-	4,000,000	-	-	4,000,000
Airport Security Fence*	5	-	-	-	2,000,000	-	2,000,000
Apron Rehabilitation*	5	-	-	-	-	50,000	50,000
Runway Extension*	5	-	-	-	50,000	200,000	250,000
TOTAL Airport CIP		\$ 1,609,600	\$ -	\$ 4,000,000	\$ 2,050,000	\$ 250,000	\$ 7,909,600

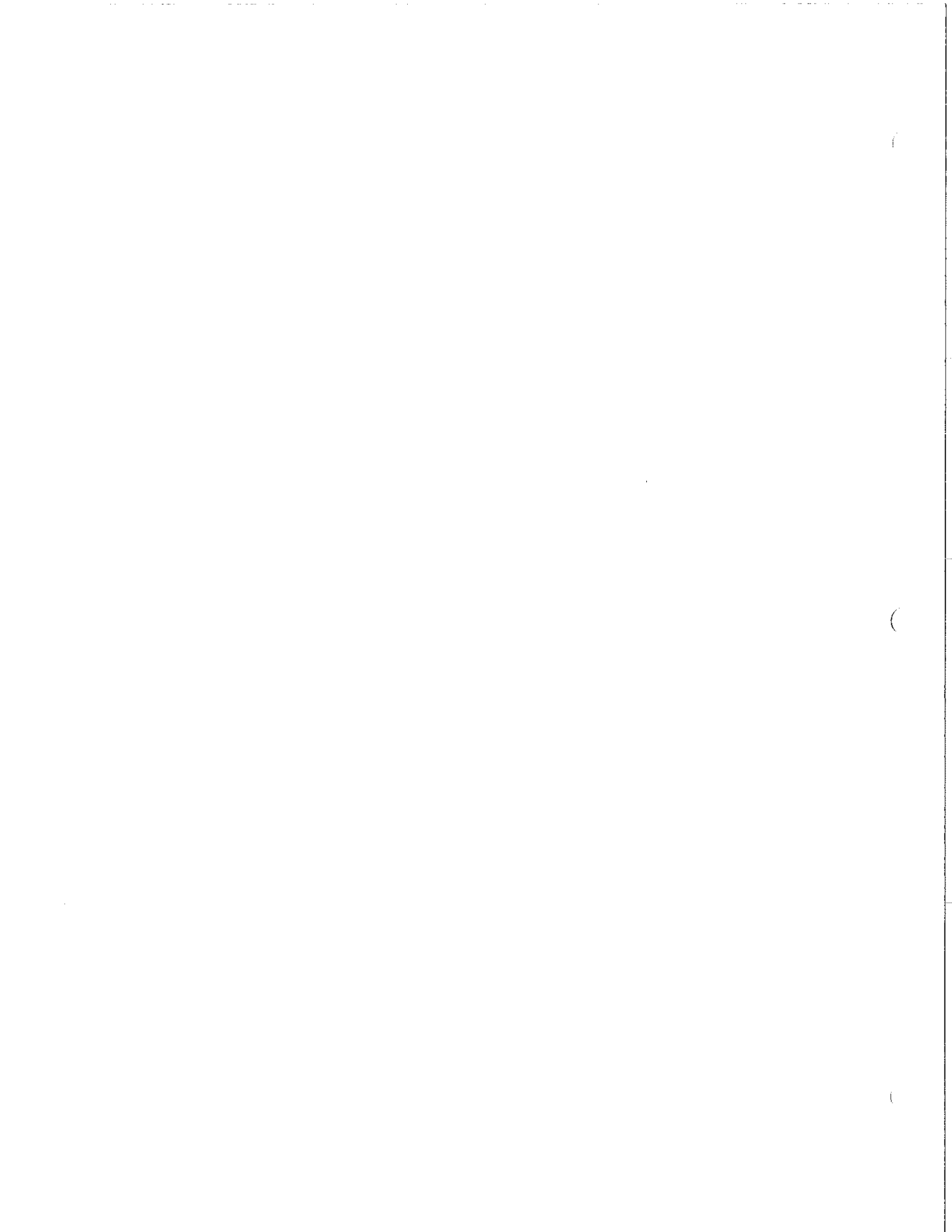
*Project contingent upon finalization of the Airport Master Plan and available funding.

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**Resolution to Adopt 2012-2017 Capital Improvement Program
Exhibit A**

GO Bond

Five Year Capital Improvement Program (CIP) Schedule

	Class Level	2012-13	2013-14	2014-15	2015-16	2016-17	5 yr. Budget Total
ST12CB Empire/18th Intersection	2	\$ 2,446,945	\$ -	\$ -	\$ -	\$ -	\$ 2,446,945
ST12CC Simpson/Mt. Washington RAB	2	2,026,052	-	-	-	-	2,026,052
ST12CD Powers/Brookwood RAB	2	1,854,520	-	-	-	-	1,854,520
ST12CE Reed Mkt: Newberry to 27th	5	1,928,867	3,951,078	18,590	-	-	5,898,535
ST12CF 15th/Reed Mkt. Intersection	5	655,416	2,158,188	2,423,662	-	-	5,237,266
ST12CG Reed Mkt: 3rd - RR American	5	877,807	5,051,964	2,478,373	-	-	8,408,144
ST12CH 27th St. Reconstruction	3	-	1,000,000	-	-	-	1,000,000
Bond Issue Costs		424,000	-	-	-	-	424,000
TOTAL GO Bond CIP		\$ 10,213,607	\$ 12,161,230	\$ 4,920,625	\$ -	\$ -	\$ 27,295,462

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