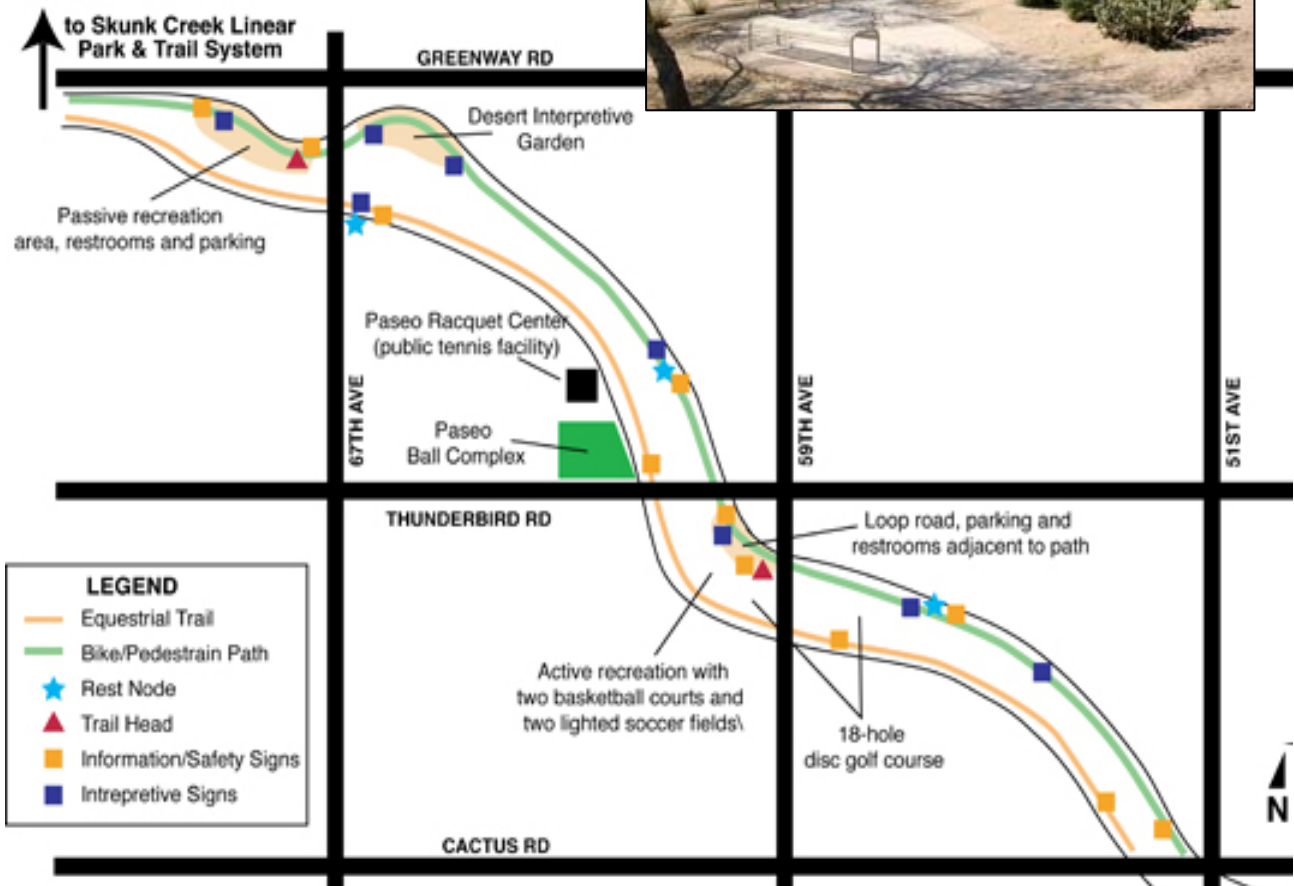


OPEN SPACE & TRAILS CONSTRUCTION FUND

This category enables the city to acquire land for the preservation of open space and to construct multi-use trails and linear parks. FY 2010 includes carryover funds for continued improvement and renovation of the 55 acre Thunderbird Paseo Park. Examples of the work to be completed include landscape, signage and trail improvements, and replacement of trees and equipment located in the linear park.



Project Name: Thunderbird Paseo Park Development
Funding Source: G.O. Bond
Fund #: 2140
Project #: 70000



FY 2010 - 2019 Capital Improvement Plan Fund and Project Summary

Fund: Open Space/Trails (2140)

Category: 20%

	<u>FY 09-10:</u>	<u>FY 10-11:</u>	<u>FY 11-12:</u>	<u>FY 12-13:</u>	<u>FY 13-14:</u>	<u>FY 14-19:</u>
Beginning Balance	\$1,010,858	\$535,821	\$540,375	\$547,265	\$554,243	\$561,310
Total Beginning Balance:	1,010,858	535,821	540,375	547,265	554,243	561,310
Revenue						
Bond Proceeds	0	0	0	0	0	49,515,000
Investment Income	7,379	5,358	8,106	8,209	8,314	42,098
Total Revenue:	7,379	5,358	8,106	8,209	8,314	49,557,098
Operating Expenses						
Advisor Fees	0	804	1,216	1,231	1,247	6,315
Total Operating Expenses:	0	804	1,216	1,231	1,247	6,315
Project Expenses						
	<u>Carrvover</u>	<u>New Funding</u>				
Existing Assets						
<i>Improvement of Existing Assets</i>						
70000 Thunderbird Paseo Park Develop	482,416	0	0	0	0	1,790,212
70002 Grand Canal Linear/Reg. Dev.	0	0	0	0	0	8,295,403
T1630 Thunderbird Park Improvements	0	0	0	0	0	5,047,014
Sub-Total - Existing Assets	482,416	0	0	0	0	15,132,629
New Assets						
70003 City-Wide Trails System	0	0	0	0	0	24,749,095
70005 West Valley Multi-Modal Corrid	0	0	0	0	0	2,368,847
T1600 Multi-Use Bridge at 51st Ave.	0	0	0	0	0	438,280
T1610 WARP - Trail System	0	0	0	0	0	6,800,050
T1761 New River Bike Trail	0	0	0	0	0	367,400
Sub-Total - New Assets	0	0	0	0	0	34,723,672
Total Project Expenses:	482,416	0	0	0	0	49,856,301
Total FY 09-10 Funding:	482,416					
Estimated Ending Balance:	\$535,821	\$540,375	\$547,265	\$554,243	\$561,310	\$255,792

*New Project

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Open Space/Trails (2140)

Category: 20%

Project: 70000 - Thunderbird Paseo Park Develop (I)

Funding Source:

General Obligation Bonds

Project Description:

Park improvements and renovations to maintain this 55 acre linear park. This includes tree replacement and additions, improvements to landscaping, signage replacements, trail asphalt overlay, pedestrian/equestrian bridges, and replacement of equipment located in the linear park.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Design	\$0	\$0	\$0	\$0	\$0	\$380,435
Construction	\$0	\$0	\$0	\$0	\$0	\$1,086,956
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$46,565
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$43,000
Arts	\$0	\$0	\$0	\$0	\$0	\$10,870
Equipment	\$0	\$0	\$0	\$0	\$0	\$90,217
Contingency	\$0	\$0	\$0	\$0	\$0	\$132,169
Carryover	\$482,416	\$0	\$0	\$0	\$0	\$0
TOTAL	\$482,416	\$0	\$0	\$0	\$0	\$1,790,212

Operating Description:

O and M expenses would vary based upon the specific type of future landscape improvements that are implemented. The staffing could include two 19 hour per week employees at \$10 per hour. Also included are supplies & contracts (\$601 per acre), equipment maintenance, insurance for new staff and water for 10 acres or landscape.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Staffing	\$0	\$0	\$0	\$0	\$0	\$118,611
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$176,765
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$81,521
Insurance	\$0	\$0	\$0	\$0	\$0	\$2,947
Landscape	\$0	\$0	\$0	\$0	\$0	\$132,709
TOTAL	\$0	\$0	\$0	\$0	\$0	\$512,553

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Open Space/Trails (2140)

Category: 20%

Project: 70002 - Grand Canal Linear/Reg. Dev. (I)

Funding Source:

General Obligation Bonds

Project Description:

Continued design, develop and enhancement of the Grand Canal Linear Park and trail from 75th Avenue to New River, and New River to Northern Avenue. Improvements would include enhanced trail segments and amenities to meet the growing demand for multi-use pathways, and align and connect the city's trail system with existing or future trails of adjacent communities or agencies, including Maricopa Association of Governments and Valley Forward. Past development projects along the Grand Canal included a partnership with the Flood Control District of Maricopa County. There is currently an IGA in place with the Flood Control District of Maricopa County for the future trail development from SR-101 to New River to Northern Avenue.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Design	\$0	\$0	\$0	\$0	\$0	\$1,901,621
Construction	\$0	\$0	\$0	\$0	\$0	\$5,433,202
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$202,183
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$54,332
Equipment	\$0	\$0	\$0	\$0	\$0	\$68,245
Contingency	\$0	\$0	\$0	\$0	\$0	\$543,320
TOTAL	\$0	\$0	\$0	\$0	\$0	\$8,295,403

Operating Description:

O and M includes: a Service Worker II at \$51,655 per year; supplies & contracts (\$601 per acre), maintenance and water for 20 acres of landscaping (the area of the trail system); building maintenance, water and refuse (one container) for a 1,000 sq ft restroom/storage facility; electrical maintenance of 50 low-level security lights in the neighborhood and community nodes; equipment maintenance for four light poles; and equipment maintenance and replacement costs for a 1/2 ton pickup at an estimated 5,000 miles per year.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Staffing	\$0	\$0	\$0	\$0	\$0	\$317,923
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$73,980
Utilities	\$0	\$0	\$0	\$0	\$0	\$12,309
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$27,081
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$3,545
Insurance	\$0	\$0	\$0	\$0	\$0	\$3,939
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$28,441
Landscape	\$0	\$0	\$0	\$0	\$0	\$762,474
Water	\$0	\$0	\$0	\$0	\$0	\$966
Refuse	\$0	\$0	\$0	\$0	\$0	\$11,885
TOTAL	\$0	\$0	\$0	\$0	\$0	\$1,242,543

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Open Space/Trails (2140)

Category: 20%

Project: T1630 - Thunderbird Park Improvements (I)

Funding Source: General Obligation Bonds

Project Description:

Based on the Park's Master Plan recommendations, items to be addressed include 1) continued repair and maintenance of trails; 2) removal of invasive plant species and revegetation of the park with native plants; 3) repair and upgrade existing park elements; 4) remove park elements from wash located at 59th Avenue that will allow for restoration of the wildlife corridor and vegetation; and 5) installation of new park elements.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Design	\$0	\$0	\$0	\$0	\$0	\$1,141,304
Construction	\$0	\$0	\$0	\$0	\$0	\$3,260,869
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$137,374
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$81,440
Arts	\$0	\$0	\$0	\$0	\$0	\$32,609
Equipment	\$0	\$0	\$0	\$0	\$0	\$19,565
Contingency	\$0	\$0	\$0	\$0	\$0	\$373,853
TOTAL	\$0	\$0	\$0	\$0	\$0	\$5,047,014

Operating Description:

O and M includes: staffing of a Service Worker II at \$42,324 with benefits; supplies and contracts at \$601 per acre for 5 acres, contracted cleaning of 23 ramadas (\$4,000 per ramada); utilities (\$1.75 per sq ft), building maintenance (\$7.00 per sq ft) and refuse (two containers) for 2,000 sq ft; maintenance on 10 light poles (\$125 per pole).

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Staffing	\$0	\$0	\$0	\$0	\$0	\$254,057
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$475,025
Utilities	\$0	\$0	\$0	\$0	\$0	\$17,500
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$76,086
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$10,000
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$5,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$187,057
Refuse	\$0	\$0	\$0	\$0	\$0	\$19,320
TOTAL	\$0	\$0	\$0	\$0	\$0	\$1,044,045

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Open Space/Trails (2140)

Category: 20%

Project: 70003 - City-Wide Trails System (N)

Funding Source:

General Obligation Bonds

Project Description:

This fund will implement recommendations for open space acquisition, trailhead land purchases, pedestrian, bicycle and equestrian paths and trails and connectivity between areas of interest citywide that accommodates future growth and user demands.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Design	\$0	\$0	\$0	\$0	\$0	\$5,696,250
Construction	\$0	\$0	\$0	\$0	\$0	\$16,275,000
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$640,828
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$122,000
Arts	\$0	\$0	\$0	\$0	\$0	\$162,750
Equipment	\$0	\$0	\$0	\$0	\$0	\$19,001
Contingency	\$0	\$0	\$0	\$0	\$0	\$1,833,266
TOTAL	\$0	\$0	\$0	\$0	\$0	\$24,749,095

Operating Description:

Scope will dictate O and M needs. Current O and M includes: a Service Worker II with benefits; supplies & contracts (\$601 per acre), maintenance, water and electricity (\$1,191 per acre) for 50 acres of landscape; maintenance on 150 walkway lights (\$125 per light); and maintenance and vehicle replacement contributions for a compact pickup truck at an estimated 6,325 miles per year.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Staffing	\$0	\$0	\$0	\$0	\$0	\$264,704
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$180,378
Utilities	\$0	\$0	\$0	\$0	\$0	\$336,329
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$93,750
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$23,815
Landscape	\$0	\$0	\$0	\$0	\$0	\$1,009,503
Water	\$0	\$0	\$0	\$0	\$0	\$539,055
TOTAL	\$0	\$0	\$0	\$0	\$0	\$2,447,534

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Open Space/Trails (2140)

Category: 20%

Project: 70005 - West Valley Multi-Modal Corrid (N)

Funding Source: General Obligation Bonds

Project Description:

Multi-modal trail system along New River and Agua Fria River Corridor as per the Maricopa Association of Governments West Valley Rivers Trails Plan. Trail system will link with other trails in and around the City of Glendale connecting parks and other recreation facilities.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Design	\$0	\$0	\$0	\$0	\$0	\$540,555
Construction	\$0	\$0	\$0	\$0	\$0	\$1,544,414
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$58,993
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$55,000
Arts	\$0	\$0	\$0	\$0	\$0	\$15,444
Contingency	\$0	\$0	\$0	\$0	\$0	\$154,441
TOTAL	\$0	\$0	\$0	\$0	\$0	\$2,368,847

Operating Description:

O and M includes: supplies & contracts (\$601 per acre), maintenance and water for 10 acres of landscape; maintenance for 34 low-level security lights for rest nodes and on trail (\$75 per light and \$13 per replaced bulb) and three ramadas (\$4,000 per ramada); water for three drinking fountains (no restrooms in park) at an estimated \$76.91 per fountain annually.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$36,990
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$18,415
Landscape	\$0	\$0	\$0	\$0	\$0	\$455,094
Water	\$0	\$0	\$0	\$0	\$0	\$1,225
TOTAL	\$0	\$0	\$0	\$0	\$0	\$511,724

Project: T1600 - Multi-Use Bridge at 51st Ave. (N)

Funding Source: General Obligation Bonds

Project Description:

Pedestrian, bicycle, and equestrian bridge to cross AZ Canal on the south side of Thunderbird Paseo Linear Park and west of 51st Avenue and south of Cactus Road to link neighborhood to the Thunderbird Paseo Linear Park & Regional Sun Circle Trail.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Design	\$0	\$0	\$0	\$0	\$0	\$73,551
Construction	\$0	\$0	\$0	\$0	\$0	\$294,206
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$10,690
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$18,020
Arts	\$0	\$0	\$0	\$0	\$0	\$2,942
Contingency	\$0	\$0	\$0	\$0	\$0	\$38,871
TOTAL	\$0	\$0	\$0	\$0	\$0	\$438,280

Operating Description:

Supplies/Contract is to clean, inspect and make any repairs to the bridge that are needed on an annual basis computed at \$55.50 per linear foot. Building maintenance (\$1.25 per sq ft) for a 840 sq ft bridge.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$23,256
Bldg. Maint.	\$0	\$0	\$0	\$0	\$0	\$6,114
TOTAL	\$0	\$0	\$0	\$0	\$0	\$29,370

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Open Space/Trails (2140)

Category: 20%

Project: T1610 - WARP - Trail System (N)

Funding Source: General Obligation Bonds

Project Description:

Develop and enhance approximately 2.5 miles of meandering trail system within the western area regional park. This project will link the existing Grand Canal Linear Park Trail and eliminate the need of crossing surface streets. Develop an ADA accessible concrete trail, ramadas, landscape, irrigation, drinking fountain, picnic tables, park benches, and small rest nodes that service parks users as well as Grand Canal Linear Park and trail users.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Design	\$0	\$0	\$0	\$0	\$0	\$1,467,688
Construction	\$0	\$0	\$0	\$0	\$0	\$4,193,396
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$165,854
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$92,500
Arts	\$0	\$0	\$0	\$0	\$0	\$41,934
Contingency	\$0	\$0	\$0	\$0	\$0	\$419,339
Miscellaneous/Other	\$0	\$0	\$0	\$0	\$0	\$419,339
TOTAL	\$0	\$0	\$0	\$0	\$0	\$6,800,050

Operating Description:

Please refer to the Western Area Regional Park Project (2060-70532) for detailed O and M needs.

Project: T1761 - New River Bike Trail (N)

Funding Source: General Obligation Bonds

Project Description:

Construct a 1,500 ft long multi-use path from an existing pathway just north of the Paraiso Drive alignment to Hillcrest Boulevard. The project will complete a safe and convenient, off-street connection from Pinnacle Peak Road to existing Hillcrest Road and 75th Avenue bike routes.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Land	\$0	\$0	\$0	\$0	\$0	\$50,000
Design	\$0	\$0	\$0	\$0	\$0	\$30,000
Construction	\$0	\$0	\$0	\$0	\$0	\$261,327
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$9,185
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$14,275
Arts	\$0	\$0	\$0	\$0	\$0	\$2,613
TOTAL	\$0	\$0	\$0	\$0	\$0	\$367,400

Operating Description:

O and M associated with 7-foot wide landscaped area along a 12,200-foot long multi-use pathway.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Utilities	\$0	\$0	\$0	\$0	\$0	\$14,192
Landscape	\$0	\$0	\$0	\$0	\$0	\$28,383
TOTAL	\$0	\$0	\$0	\$0	\$0	\$42,575

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset