

TRANSPORTATION

This category includes projects funded with revenue bonds backed by the half-cent transportation sales tax approved by Glendale voters in 2001. The half-cent sales tax will fund improvement projects for all modes of transportation including transit, street, bicycle, pedestrian and aviation (Fund 2210). This category also includes a separate fund for any transportation related grants (Fund 1650) and projects covered by the Street Fund (Fund 1340).

Over the next few years, transit projects paid from the half-cent sales tax will include projects related to bus services, a transit center and preliminary light rail studies. The street element of the Transportation Plan emphasizes improvements at major intersections as well as improvements and enhancements along major streets. A majority of FY 2011 funding is for the Northern Avenue Super Street Project that will create an east-west corridor between Grand Avenue and the Loop 303. Other projects and programs in the Transportation Plan include closing the gaps in the bicycle system, enhancing pedestrian facilities in activity centers and supporting capital improvements at the airport.

The Transportation Grants Fund (Fund 1650) was established to accommodate grants for capital projects from federal and state government agencies. These are open, competitive grant programs. Grant projects are budgeted in Fund 1650 upon notification that the city has received approval for grant funding. Transportation projects in which the city applies for reimbursement in a future year are budgeted in the transportation sales tax construction fund and any reimbursements are credited to the transportation sales tax construction fund as grant revenue when received.

In the last five years of the capital plan, the Street Fund (Fund 1340) will cover the replacement and/or new purchase of a number of street maintenance related equipment including a concrete mixer truck, asphalt roller, asphalt paving machine, water truck and right-of-way rearload truck



Project Name: Old Roma Alley Ped Project
Funding Source: Transportation Grants
Fund #: 1650
Project #: 67511

FY 2011 - 2020 Capital Improvement Program Capital Projects By Fund and Project Number

2210 - Transportation Construction

Category: Transportation

	FY 2011:		FY 2012:	FY 2013:	FY 2014:	FY 2015:	FYs 16-20:
Capital Project Expenses	<u>Carrvover</u>	<u>New Funding</u>					
Existing Assets							
<i>Improvement of Existing Assets</i>							
65005 Smart Traffic Signals	1,318,806	731,349	0	731,349	0	0	0
65006 Bus Pullouts	0	0	0	0	0	0	824,244
65007 Grand Ave Access Enhancements	5,238,973	0	0	0	0	0	0
65008 Intersection Improvements	1,337,896	0	0	0	0	0	0
65013 Bus Stops and Shelters	201,661	116,937	110,661	115,085	119,692	123,763	683,632
65016 Northern Ave Super Street	11,221,584	39,014,637	4,508,053	4,654,564	4,810,492	3,960,601	19,017,241
65022 PE & Oversight for Transp. Pkg	1,157,517	1,215,260	527,875	545,031	563,289	0	0
65043 Bethany Home: 59th to 67th Saf	0	0	0	0	0	0	1,010,972
65060 Street Scallops	15,761	0	0	0	0	0	0
65072 Expanded Safety Program	849,121	106,399	109,963	113,703	117,624	121,741	649,727
65073 Old Roma Alley Ped Project	139,421	0	0	0	0	0	0
65081 Collector/Residential Overlay	5,376,947	0	0	0	0	0	0
65082 Arterial Overlay	5,552,860	0	0	0	0	0	0
65086 51st Avenue HES Projects	497,345	0	0	0	0	0	0
T7404 Maryland Ave Bike Rte Spot Imp	0	0	0	0	0	0	282,659
<i>Replacement of Existing Assets</i>							
65004 Buses/Vans	645,882	247,104	246,267	295,493	296,638	306,724	1,678,244
65014 Transit Support Capital	266,214	163,430	168,334	173,300	173,972	179,888	993,652
65044 Airport - Tower and Radio Upgr	15,636	0	0	0	0	0	0
65083 Speed Cushions	146,954	151,651	156,574	161,735	167,145	0	0
Sub-Total - Existing Assets	33,982,578	41,746,767	5,827,727	6,790,260	6,248,852	4,692,717	25,140,371
New Assets							
65017 Rail System	1,443,824	1,075,840	1,108,115	5,335,709	8,986,380	9,614,056	93,243,228
65030 Multi-Use Pathway Grand Canal	1,157,055	0	0	0	0	0	0
65033 Northern Ave Pkwy Prelim.	93,610	0	0	0	0	0	0
65048 Loop 101 North Park & Ride Lot	0	0	0	0	0	0	1,010,000
65054 63rd Ave @ Loop 101-Bike Ove	188,538	0	0	0	0	0	0
65062 Glendale Sports Facilities Sgn	905,744	565,654	0	0	0	0	0
65063 New River - Multi-use Pathway	3,031,126	1,791,455	0	0	0	0	0
65070 Union Hills/Skunk Cr. Path	27,180	0	0	0	0	0	0
65078 Airport Matching Funds	0	116,510	21,060	391,685	65,273	526,658	0
65080 Arrowhead Mall Transit Center	2,595,308	101,758	1,679,895	3,074,702	0	0	0
65087 Downtown Park-and-Ride	0	101,772	4,475,557	5,774,702	0	0	2,000,000
Sub-Total - New Assets	9,442,385	3,752,989	7,284,627	14,576,798	9,051,653	10,140,714	96,253,228
Total Project Expenses:	\$43,424,963	\$45,499,756	\$13,112,354	\$21,367,058	\$15,300,505	\$14,833,431	\$121,393,599
Total FY 2011 Funding:	\$88,924,719						

* New Project

FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65005 - Smart Traffic Signals (I)

Funding Source:

Half Cent Sales Tax

Project Description:

A smart traffic signal system will be implemented that includes more left turn arrows, roadway sensors and fiber optic connections to a control center to make traffic signals more responsive.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Construction	\$688,802	\$0	\$688,802	\$0	\$0	\$0
Finance Charges	\$10,862	\$0	\$10,862	\$0	\$0	\$0
Engineering Charges	\$24,797	\$0	\$24,797	\$0	\$0	\$0
Arts	\$6,888	\$0	\$6,888	\$0	\$0	\$0
Sub-Total New Funding	\$731,349	\$0	\$731,349	\$0	\$0	\$0
FY 2011 Carryover	\$1,318,806	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,050,155	\$0	\$731,349	\$0	\$0	\$0

Operating Description:

O and M costs associated with electricity for new signal heads, cameras and communication equipment as well as maintenance of fiber optic connections. Supplemental budget request will be made as new equipment is added to the system.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Utilities	\$3,824	\$3,939	\$4,057	\$4,179	\$4,304	\$23,540
Equip. Maint.	\$24,608	\$25,346	\$26,106	\$26,890	\$27,697	\$151,453
TOTAL	\$28,432	\$29,285	\$30,163	\$31,069	\$32,001	\$174,993

Project: 65006 - Bus Pullouts (I)

Funding Source:

Half Cent Sales Tax

Project Description:

Bus pull-outs to relieve congestion, improve air quality, and provide traffic and pedestrian safety. Bus pull-outs will be provided at major intersections where there are bus route extensions and new bus routes.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Land	\$0	\$0	\$0	\$0	\$0	\$105,298
Design	\$0	\$0	\$0	\$0	\$0	\$8,241
Construction	\$0	\$0	\$0	\$0	\$0	\$662,298
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$12,384
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$29,400
Arts	\$0	\$0	\$0	\$0	\$0	\$6,623
TOTAL	\$0	\$0	\$0	\$0	\$0	\$824,244

Operating Description:

O and M associated with maintenance of landscaping around bus pullouts.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Landscape	\$0	\$0	\$0	\$0	\$0	\$3,589
TOTAL	\$0	\$0	\$0	\$0	\$0	\$3,589

* New Project

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

FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65007 - Grand Ave Access Enhancements (I)

Funding Source:

Half Cent Sales Tax

Project Description:

This project will construct street improvements for local access along Grand Avenue including changes in access control and beautification.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$5,238,973	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,238,973	\$0	\$0	\$0	\$0	\$0

Operating Description:

O and M is associated with landscaping maintenance and water. Supplemental budget request will be made when the project is close to completion.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Landscape	\$179,373	\$184,754	\$190,297	\$196,006	\$201,886	\$1,103,995
Water	\$89,686	\$92,377	\$95,148	\$98,002	\$100,942	\$551,991
TOTAL	\$269,059	\$277,131	\$285,445	\$294,008	\$302,828	\$1,655,986

Project: 65008 - Intersection Improvements (I)

Funding Source:

Half Cent Sales Tax

Project Description:

This project provides for the design and construction of intersection improvements for capacity, safety and access as identified on an ongoing basis. Turning lanes, median barriers, lane extensions, right-of-way, utility relocations and pave access points are examples of the type of construction this project will fund.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$1,337,896	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,337,896	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed.

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65013 - Bus Stops and Shelters (I)

Funding Source:

Half Cent Sales Tax

Project Description:

Bus shelters, with shade and seating, will be provided where bus transfers occur and at other high-demand locations. Benches will be provided at other bus stops as needed.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$9,500	\$9,500	\$9,500	\$9,500	\$9,500	\$47,500
Construction	\$92,140	\$86,689	\$90,531	\$94,532	\$98,067	\$546,624
Finance Charges	\$1,754	\$1,660	\$1,726	\$1,795	\$1,856	\$10,254
Engineering Charges	\$3,960	\$3,748	\$3,898	\$4,054	\$4,191	\$23,149
Arts	\$921	\$867	\$905	\$945	\$981	\$5,466
Contingency	\$8,662	\$8,197	\$8,525	\$8,866	\$9,168	\$50,639
Sub-Total New Funding	\$116,937	\$110,661	\$115,085	\$119,692	\$123,763	\$683,632
FY 2011 Carryover	\$201,661	\$0	\$0	\$0	\$0	\$0
TOTAL	\$318,598	\$110,661	\$115,085	\$119,692	\$123,763	\$683,632

Operating Description:

O and M associated with the maintenance of bus shelters. Supplemental budget requests will be made as new bus stops are added.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equip. Maint.	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$63,390
TOTAL	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$63,390

Project: 65016 - Northern Ave Super Street (I)

Funding Source:

Half Cent Sales Tax

Project Description:

Per IGA, right-of-way acquisition and construction of the Northern Parkway corridor alignment between Loop 303 and Grand Avenue is targeted for completion by FY 2026. When completed the Northern Parkway will have six through lanes and grade separations at major arterials. It will be a partially accessed controlled facility with access limited to major roadways. Costs for this project are shared between the region at 70% and local agencies at 30%. The project cost in FY 2011 is \$29.0 million for the region and \$10.0 million for Glendale. The project cost between FY 2011 and FY 2020 is \$44.8 million for the region and \$31.2 million for Glendale.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Land	\$38,429,417	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$585,220	\$67,621	\$69,818	\$72,157	\$59,409	\$285,259
Miscellaneous/Other	\$0	\$4,440,432	\$4,584,746	\$4,738,335	\$3,901,192	\$18,731,982
Sub-Total New Funding	\$39,014,637	\$4,508,053	\$4,654,564	\$4,810,492	\$3,960,601	\$19,017,241
FY 2011 Carryover	\$11,221,584	\$0	\$0	\$0	\$0	\$0
TOTAL	\$50,236,221	\$4,508,053	\$4,654,564	\$4,810,492	\$3,960,601	\$19,017,241

Operating Description:

O and M costs are for landscape, water, electrical and other maintenance based on current design. Supplemental budget requests will be made when project phases are close to completion.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Utilities	\$0	\$0	\$3,631	\$3,740	\$3,852	\$21,067
Landscape	\$0	\$0	\$18,806	\$19,370	\$19,951	\$109,105
Water	\$0	\$0	\$9,402	\$9,684	\$9,975	\$54,544
TOTAL	\$0	\$0	\$31,839	\$32,794	\$33,778	\$184,716

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65022 - PE & Oversight for Transp. Pkg (I)

Funding Source:

Half Cent Sales Tax

Project Description:

Professional engineering for preparation of design concepts, and administration of right-of-way purchase for roadway, bicycle, pedestrian and transit projects.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$18,229	\$7,918	\$8,175	\$8,449	\$0	\$0
Miscellaneous/Other	\$1,197,031	\$519,957	\$536,856	\$554,840	\$0	\$0
Sub-Total New Funding	\$1,215,260	\$527,875	\$545,031	\$563,289	\$0	\$0
FY 2011 Carryover	\$1,157,517	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,372,777	\$527,875	\$545,031	\$563,289	\$0	\$0

Operating Description:

No additional O and M is needed.

Project: 65043 - Bethany Home: 59th to 67th Saf (I)

Funding Source:

Half Cent Sales Tax

Project Description:

Install lighting improvements and median island for bicyclist and pedestrian safety on Bethany Home Road between 59th and 67th Avenues. This project has Federal Hazard Elimination System (HES) funds administered by Arizona Department of Transportation (ADOT). The money programmed here is for design, construction administration, ADOT review fees and match HES funds.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$0	\$0	\$0	\$0	\$0	\$165,900
Construction	\$0	\$0	\$0	\$0	\$0	\$710,244
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$15,165
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$37,674
Arts	\$0	\$0	\$0	\$0	\$0	\$7,102
Contingency	\$0	\$0	\$0	\$0	\$0	\$74,887
TOTAL	\$0	\$0	\$0	\$0	\$0	\$1,010,972

Operating Description:

O and M is for landscape street lights in the median.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Utilities	\$0	\$0	\$0	\$0	\$0	\$21,995
Landscape	\$0	\$0	\$0	\$0	\$0	\$1,556
TOTAL	\$0	\$0	\$0	\$0	\$0	\$23,551

Project: 65060 - Street Scallops (I)

Funding Source:

Half Cent Sales Tax

Project Description:

A planned program to widen collector streets to city standards in areas where sections remain unimproved. Includes curb, gutter, sidewalk and street lighting.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$15,761	\$0	\$0	\$0	\$0	\$0
TOTAL	\$15,761	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed.

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65072 - Expanded Safety Program (I)

Funding Source:

Half Cent Sales Tax

Project Description:

Provide traffic safety improvements along city streets to improve the safety of motorists. Examples are safety mitigation at bridge crossing (blunt ends), lighting, signing, striping, pedestrian and bicyclist safety improvements, discontinuous roadway sections (drop-offs), and access management.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$1,596	\$1,649	\$1,706	\$1,764	\$1,859	\$9,746
Contingency	\$7,881	\$8,145	\$8,422	\$8,713	\$9,018	\$48,128
Miscellaneous/Other	\$96,922	\$100,169	\$103,575	\$107,147	\$110,864	\$591,853
Sub-Total New Funding	\$106,399	\$109,963	\$113,703	\$117,624	\$121,741	\$649,727
FY 2011 Carryover	\$849,121	\$0	\$0	\$0	\$0	\$0
TOTAL	\$955,520	\$109,963	\$113,703	\$117,624	\$121,741	\$649,727

Operating Description:

No additional O and M is needed.

Project: 65073 - Old Roma Alley Ped Project (I)

Funding Source:

Half Cent Sales Tax

Project Description:

This project will improve the alley between 57th Drive and 58th Avenue, from Glendale Avenue to Glenn Drive. Federal funds are available to cover most of the project cost.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$139,421	\$0	\$0	\$0	\$0	\$0
TOTAL	\$139,421	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed.

Project: 65081 - Collector/Residential Overlay (I)

Funding Source:

Half Cent Sales Tax

Project Description:

To fund pavement maintenance programs for the residential street network to maximize the life of the pavement. This may include activities ranging from surface treatments to rubberized asphalt overlays. Pavement maintenance and rehabilitation activities are recommended to properly address the needs of each individual street segment using data gathered in the development of the pavement management program. Streets are selected and scheduled within the limits of the available funding.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$5,376,947	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,376,947	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

* New Project

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

FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65082 - Arterial Overlay (I)

Funding Source:

Half Cent Sales Tax

Project Description:

To fund pavement maintenance programs for the arterial street network to maximize the life of the pavement. This may include activities ranging from surface treatments to heavy, full depth paving and rubberized asphalt overlays. Pavement maintenance and rehabilitation activities are recommended to properly address the needs of each individual street segment using data gathered in the development of the pavement management program. Streets are selected and scheduled within the available funding.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$5,552,860	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,552,860	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed at this time.

Project: 65086 - 51st Avenue HES Projects (I)

Funding Source:

Half Cent Sales Tax

Project Description:

This project provides for intersection capacity and safety improvements at the intersections of 51st Avenue and Camelback Road and 51st Avenue and Northern Avenue.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$497,345	\$0	\$0	\$0	\$0	\$0
TOTAL	\$497,345	\$0	\$0	\$0	\$0	\$0

Operating Description:

O and M costs are for landscape maintenance. Supplemental budget request will be made when the project is close to completion.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Utilities	\$128	\$132	\$136	\$140	\$144	\$786
Landscape	\$254	\$262	\$270	\$278	\$286	\$1,566
TOTAL	\$382	\$394	\$406	\$418	\$430	\$2,352

Project: T7404 - Maryland Ave Bike Rte Spot Imp (I)

Funding Source:

Half Cent Sales Tax

Project Description:

The project will add additional asphalt for bike lanes where Maryland Avenue is too narrow and build short multiuse path segments to tie Maryland Avenue into existing pathways in Discovery Park. Overall, the project would add 1,776 feet of bikeway improvements to make Maryland Avenue a more continuous bike route from 43rd Avenue to 91st Avenue at the Glendale sports complex.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$0	\$0	\$0	\$0	\$0	\$245,454
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$4,240
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$12,027
Contingency	\$0	\$0	\$0	\$0	\$0	\$20,938
TOTAL	\$0	\$0	\$0	\$0	\$0	\$282,659

Operating Description:

No additional O and M is needed.

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65004 - Buses/Vans (R)

Funding Source:

Half Cent Sales Tax

Project Description:

This project replaces worn out buses and vans. Buses will be purchased to expand circulator service based on transit service needs that will be identified in the updated Transportation Plan. The buses are replaced every four years and exceed the mileage recommended for replacement.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$3,707	\$3,694	\$4,432	\$4,450	\$4,601	\$25,174
Equipment	\$225,093	\$224,331	\$269,173	\$270,215	\$279,403	\$1,528,756
Contingency	\$18,304	\$18,242	\$21,888	\$21,973	\$22,720	\$124,314
Sub-Total New Funding	\$247,104	\$246,267	\$295,493	\$296,638	\$306,724	\$1,678,244
FY 2011 Carryover	\$645,882	\$0	\$0	\$0	\$0	\$0
TOTAL	\$892,986	\$246,267	\$295,493	\$296,638	\$306,724	\$1,678,244

Operating Description:

O and M associated with vehicle maintenance for circulator and shuttle.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equip. Maint.	\$52,736	\$54,318	\$55,948	\$57,626	\$59,355	\$324,579
TOTAL	\$52,736	\$54,318	\$55,948	\$57,626	\$59,355	\$324,579

Project: 65014 - Transit Support Capital (R)

Funding Source:

Half Cent Sales Tax

Project Description:

To continue delivery of transit services, replacement capital expenditures are needed including computer equipment, support vehicles and radio systems. Because of past federal funding sources for these items, Transit has not contributed to replacement funds for vehicles or computers.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$2,451	\$2,525	\$2,600	\$2,610	\$2,698	\$14,905
Equipment	\$148,873	\$153,340	\$157,863	\$158,475	\$163,865	\$905,143
Contingency	\$12,106	\$12,469	\$12,837	\$12,887	\$13,325	\$73,604
Sub-Total New Funding	\$163,430	\$168,334	\$173,300	\$173,972	\$179,888	\$993,652
FY 2011 Carryover	\$266,214	\$0	\$0	\$0	\$0	\$0
TOTAL	\$429,644	\$168,334	\$173,300	\$173,972	\$179,888	\$993,652

Operating Description:

O and M is for equipment and vehicle maintenance costs.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equip. Maint.	\$4,917	\$5,065	\$5,217	\$5,373	\$5,534	\$30,261
TOTAL	\$4,917	\$5,065	\$5,217	\$5,373	\$5,534	\$30,261

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65044 - Airport - Tower and Radio Upgr (R)

Funding Source:

Half Cent Sales Tax

Project Description:

This grant is to replace radio communication equipment in the tower that is very old and outdated. Included in this grant is the replacement of the runway precision approach path indicator (PAPI) lighting at both ends of the runway. The amount programmed

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$15,636	\$0	\$0	\$0	\$0	\$0
TOTAL	\$15,636	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed.

Project: 65083 - Speed Cushions (R)

Funding Source:

Half Cent Sales Tax

Project Description:

This project will remove and replace existing modified speed humps with speed cushions and add mitigation devices where warranted. Replacing modified speed humps and constructing new mitigation devices will help address the current backlog of neighborhoods qualifying for traffic mitigation.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Construction	\$128,386	\$132,553	\$136,923	\$141,503	\$0	\$0
Finance Charges	\$2,275	\$2,349	\$2,426	\$2,507	\$0	\$0
Engineering Charges	\$8,473	\$8,748	\$9,037	\$9,339	\$0	\$0
Arts	\$1,284	\$1,326	\$1,369	\$1,415	\$0	\$0
Contingency	\$11,233	\$11,598	\$11,980	\$12,381	\$0	\$0
Sub-Total New Funding	\$151,651	\$156,574	\$161,735	\$167,145	\$0	\$0
FY 2011 Carryover	\$146,954	\$0	\$0	\$0	\$0	\$0
TOTAL	\$298,605	\$156,574	\$161,735	\$167,145	\$0	\$0

Operating Description:

No additional O and M is needed.

Project: 65017 - Rail System (N)

Funding Source:

Half Cent Sales Tax

Project Description:

Planning studies, design, right-of-way acquisition and construction of light rail facility to be located on an alignment to be determined. Federal and regional grants will fund 60% of the project. Current cost estimates are based on regional plans prepared by METRO.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$16,138	\$16,622	\$80,036	\$134,796	\$144,211	\$1,398,648
Contingency	\$79,692	\$82,083	\$395,238	\$665,658	\$712,152	\$6,906,906
Miscellaneous/Other	\$980,010	\$1,009,410	\$4,860,435	\$8,185,926	\$8,757,693	\$84,937,674
Sub-Total New Funding	\$1,075,840	\$1,108,115	\$5,335,709	\$8,986,380	\$9,614,056	\$93,243,228
FY 2011 Carryover	\$1,443,824	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,519,664	\$1,108,115	\$5,335,709	\$8,986,380	\$9,614,056	\$93,243,228

Operating Description:

O and M costs will be requested for inclusion after completion of the project in FY 2020.

* New Project

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

FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65030 - Multi-Use Pathway Grand Canal (N)

Funding Source:

Half Cent Sales Tax

Project Description:

Construct a multi-use path from just east of the Loop 101 Freeway to New River. The project will provide a safe and convenient, off-street facility for bicyclists and pedestrians that extends the existing Grand Canal Linear Park path to the future New River Pathway. Additional federal funds have also been awarded towards this project.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$1,157,055	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,157,055	\$0	\$0	\$0	\$0	\$0

Operating Description:

O and M associated with the maintenance of benches, drinking fountain, trash receptacles, lighting, and 30-foot wide landscaped area along a 6,300-foot long multi-use pathway.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Utilities	\$13,267	\$13,665	\$14,075	\$14,497	\$14,932	\$81,651
Landscape	\$18,046	\$18,587	\$19,145	\$19,719	\$20,311	\$111,068
Refuse	\$8,199	\$8,445	\$8,698	\$8,959	\$9,228	\$50,465
TOTAL	\$39,512	\$40,697	\$41,918	\$43,175	\$44,471	\$243,184

Project: 65033 - Northern Ave Pkwy Prelim. (N)

Funding Source:

Half Cent Sales Tax

Project Description:

Right-of-way acquisition of property within the Northern Parkway corridor alignment. This will provide local matching funds for construction by 2011.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$93,610	\$0	\$0	\$0	\$0	\$0
TOTAL	\$93,610	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed.

* New Project

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

FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65048 - Loop 101 North Park & Ride Lot (N)

Funding Source:

Half Cent Sales Tax

Project Description:

This project includes site selection and land acquisition to enhance transit ridership in the north Glendale area. Select site, acquire land, design and construct park-and-ride lot to be utilized for existing transit routes and future bus rapid transit routes. The lot will consist of parking spaces, lighting, landscaped islands, and periphery landscaping.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Land	\$0	\$0	\$0	\$0	\$0	\$911,883
Construction	\$0	\$0	\$0	\$0	\$0	\$15,150
Engineering Charges	\$0	\$0	\$0	\$0	\$0	\$8,000
Arts	\$0	\$0	\$0	\$0	\$0	\$152
Contingency	\$0	\$0	\$0	\$0	\$0	\$74,815
TOTAL	\$0	\$0	\$0	\$0	\$0	\$1,010,000

Operating Description:

There are no direct O and M costs to the City of Glendale related to this project. The facility to be maintained by other parties.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Utilities	\$0	\$0	\$0	\$0	\$0	\$9,659
Landscape	\$0	\$0	\$0	\$0	\$0	\$151,286
TOTAL	\$0	\$0	\$0	\$0	\$0	\$160,945

Project: 65054 - 63rd Ave @ Loop 101-Bike Ove (N)

Funding Source:

Half Cent Sales Tax

Project Description:

Construct an overpass at the Loop 101 near 63rd Avenue for safe bicycle and pedestrian crossing over Loop 101. The amount programmed in FY 2011 is Glendale's match. Design of the project is complete and ADOT will administer construction of the project. Glendale will contract with a consultant to provide post design services.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$188,538	\$0	\$0	\$0	\$0	\$0
TOTAL	\$188,538	\$0	\$0	\$0	\$0	\$0

Operating Description:

Bi-annual bridge inspection at \$1,500 a year. A supplemental budget request will be made in a future year.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Supplies/Contr	\$0	\$1,500	\$1,545	\$1,591	\$1,639	\$8,963
TOTAL	\$0	\$1,500	\$1,545	\$1,591	\$1,639	\$8,963

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65062 - Glendale Sports Facilities Sgn (N)

Funding Source:

Half Cent Sales Tax

Project Description:

This project includes design, purchase and installation of full matrix arterial street Dynamic Message Signs and lane control signs around the Glendale Sports Facilities in addition to the communications connections of the signs to the central control system.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Finance Charges	\$8,485	\$0	\$0	\$0	\$0	\$0
Equipment	\$515,269	\$0	\$0	\$0	\$0	\$0
Contingency	\$41,900	\$0	\$0	\$0	\$0	\$0
Sub-Total New Funding	\$565,654	\$0	\$0	\$0	\$0	\$0
FY 2011 Carryover	\$905,744	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,471,398	\$0	\$0	\$0	\$0	\$0

Operating Description:

O and M for this project is for electrical costs of the message signs. Equipment maintenance costs from FY 2014 for the expected life is ten years and significant maintenance costs at \$5,000 per year after five years of installation. Supplemental budget request will be made when project is close to completion.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Supplies/Contr	\$1,030	\$1,061	\$1,093	\$1,126	\$1,160	\$6,340
Utilities	\$1,030	\$1,061	\$1,093	\$1,126	\$1,160	\$6,340
Equip. Maint.	\$0	\$0	\$0	\$5,000	\$5,150	\$28,160
TOTAL	\$2,060	\$2,122	\$2,186	\$7,252	\$7,470	\$40,840

Project: 65063 - New River - Multi-use Pathway (N)

Funding Source:

Half Cent Sales Tax

Project Description:

Construct a multiuse path from the Bethany Home Road alignment to Northern Avenue. The project will provide a safe and convenient, off-street facility for bicyclists and pedestrians that is part of the regional West Valley Rivers Multimodal Corridor Master Plan. Federal funds have been awarded to this project.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Construction	\$1,560,118	\$0	\$0	\$0	\$0	\$0
Finance Charges	\$26,872	\$0	\$0	\$0	\$0	\$0
Engineering Charges	\$56,164	\$0	\$0	\$0	\$0	\$0
Arts	\$15,601	\$0	\$0	\$0	\$0	\$0
Contingency	\$132,700	\$0	\$0	\$0	\$0	\$0
Sub-Total New Funding	\$1,791,455	\$0	\$0	\$0	\$0	\$0
FY 2011 Carryover	\$3,031,126	\$0	\$0	\$0	\$0	\$0
TOTAL	\$4,822,581	\$0	\$0	\$0	\$0	\$0

Operating Description:

O and M associated with 17-foot wide landscaped area along a 12,200-foot long multiuse pathway. Supplemental budget request will be made when the project is close to completion.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Landscape	\$0	\$20,397	\$21,009	\$21,639	\$22,288	\$121,883
Water	\$0	\$10,198	\$10,504	\$10,819	\$11,144	\$60,937
TOTAL	\$0	\$30,595	\$31,513	\$32,458	\$33,432	\$182,820

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65070 - Union Hills/Skunk Cr. Path (N)

Funding Source:

Half Cent Sales Tax

Project Description:

Construct a 10-foot wide, concrete multiuse path under the Union Hills Drive bridge at Skunk Creek. The project will connect existing segments of the Skunk Creek multiuse path on each side of Union Hills Drive allowing pathway users a safer crossing of Union Hills Drive.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$27,180	\$0	\$0	\$0	\$0	\$0
TOTAL	\$27,180	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed.

Project: 65078 - Airport Matching Funds (N)

Funding Source:

Half Cent Sales Tax

Project Description:

This project provides matching funds for Glendale Airport projects as identified by Airport staff. Funding covers 100% of engineering and art related charges and 2.5% of all other capital costs. Refer to the Airport Capital Fund 2120 for detailed information related to the airport projects.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Land	\$0	\$0	\$365,625	\$0	\$0	\$0
Design	\$5,214	\$586	\$586	\$2,449	\$41,621	\$0
Construction	\$43,727	\$4,365	\$4,365	\$18,276	\$284,215	\$0
Engineering Charges	\$66,072	\$8,516	\$8,516	\$37,916	\$193,516	\$0
Arts	\$437	\$44	\$44	\$183	\$2,842	\$0
Miscellaneous/Other	\$1,060	\$7,549	\$12,549	\$6,449	\$4,464	\$0
TOTAL	\$116,510	\$21,060	\$391,685	\$65,273	\$526,658	\$0

Operating Description:

Refer to the Airport Capital Fund 2120 projects for O and M impact.

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

2210 - Transportation Construction

Category: Transportation

Project: 65080 - Arrowhead Mall Transit Center (N)

Funding Source:

Half Cent Sales Tax

Project Description:

This project will construct a transit center at Arrowhead Mall to serve the needs of transit passengers from multiple bus routes. The transit center will include benches, canopies, lights, trash cans, a transit information center, security building and other amenities to provide a comfortable location for transit riders.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Land	\$0	\$1,530,260	\$0	\$0	\$0	\$0
Design	\$90,914	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$2,720,400	\$0	\$0	\$0
Finance Charges	\$1,527	\$25,198	\$46,121	\$0	\$0	\$0
Engineering Charges	\$1,779	\$0	\$53,221	\$0	\$0	\$0
Arts	\$0	\$0	\$27,204	\$0	\$0	\$0
Contingency	\$7,538	\$124,437	\$227,756	\$0	\$0	\$0
Sub-Total New Funding	\$101,758	\$1,679,895	\$3,074,702	\$0	\$0	\$0
FY 2011 Carryover	\$2,595,308	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,697,066	\$1,679,895	\$3,074,702	\$0	\$0	\$0

Operating Description:

There are no direct O and M costs to the City of Glendale related to this project. The facility to be maintained by other parties.

Project: 65087 - Downtown Park-and-Ride (N)

Funding Source:

Half Cent Sales Tax

Project Description:

This project includes site selection, land acquisition, design and construction of a paved, landscaped parking area. This park-and-ride will enhance transit ridership in central and north Glendale area. The project cost between FY 2010 and FY 2018 is \$4,856,369 for the region and \$7,495,662 for Glendale.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Design	\$91,752	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$3,995,393	\$5,155,157	\$0	\$0	\$1,814,829
Finance Charges	\$1,527	\$67,133	\$86,621	\$0	\$0	\$0
Engineering Charges	\$954	\$41,554	\$53,616	\$0	\$0	\$18,875
Arts	\$0	\$39,954	\$51,552	\$0	\$0	\$18,148
Contingency	\$7,539	\$331,523	\$427,756	\$0	\$0	\$148,148
TOTAL	\$101,772	\$4,475,557	\$5,774,702	\$0	\$0	\$2,000,000

Operating Description:

There are no direct O and M costs to the City of Glendale related to this project. The facility to be maintained by other parties.

* New Project

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

**FY 2011 - 2020 Capital Improvement Program
Capital Projects By Fund and Project Number**

1650 - Transportation Grants			Category: Other					
			<u>FY 2011:</u>	<u>FY 2012:</u>	<u>FY 2013:</u>	<u>FY 2014:</u>	<u>FY 2015:</u>	<u>FYs 16-20:</u>
Capital Project Expenses	<u>Carrvover</u>	<u>New Funding</u>						
Existing Assets								
<i>Improvement of Existing Assets</i>								
67511 Old Roma Alley Ped Project	16,370	0	0	0	0	0	0	0
<i>Replacement of Existing Assets</i>								
67502 Buses/Vans (Grant)	8,458	0	0	0	0	0	0	0
67519 FTA Grant X080	34,798	0	0	0	0	0	0	0
Sub-Total - Existing Assets	59,626	0	0	0	0	0	0	0
New Assets								
67505 Grant Appropriation - Capital	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
67526 DS Multiuse Path: Grand Canal	190,774	0	0	0	0	0	0	0
67527 DS Multiuse Path: New River	407,287	0	0	0	0	0	0	0
67528 DS Multiuse Path: Maryland Ave	53,194	0	0	0	0	0	0	0
67529 FTA Grant X096	926,606	0	0	0	0	0	0	0
Sub-Total - New Assets	1,577,861	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total Project Expenses:	\$1,637,487	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
Total FY 2011 Funding:		\$3,637,487						

* New Project

FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

1650 - Transportation Grants

Category: Other

Project: 67511 - Old Roma Alley Ped Project (I) **Funding Source:** Grants

Project Description: Design and construct alley improvements between 57th Drive and 58th Avenue, from Glendale Avenue to Glenn Drive. Match funds will be provided by Fund 2210.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$16,370	\$0	\$0	\$0	\$0	\$0
TOTAL	\$16,370	\$0	\$0	\$0	\$0	\$0

Operating Description: No additional O and M is needed.

Project: 67502 - Buses/Vans (Grant) (R) **Funding Source:** Grants

Project Description: Replacement of worn out buses with purchase of new buses.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$8,458	\$0	\$0	\$0	\$0	\$0
TOTAL	\$8,458	\$0	\$0	\$0	\$0	\$0

Operating Description: No additional O and M is needed. These are replacement buses and require no additional O and M funding to maintain. The O and M for these buses is part of Transportation Department operating budget.

Project: 67519 - FTA Grant X080 (R) **Funding Source:** Grants

Project Description: Replacement of five Dial-A-Ride buses and two Gus the Bus buses. Includes the reimbursement of maintenance expenses and an upgrade of the computer dispatch system.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$34,798	\$0	\$0	\$0	\$0	\$0
TOTAL	\$34,798	\$0	\$0	\$0	\$0	\$0

Operating Description: No additional O and M is needed.

Project: 67505 - Grant Appropriation - Capital (N) **Funding Source:** Grants

Project Description: This represents reserve appropriation only for unanticipated grant opportunities that may arise during the fiscal year.

Capital Costs:	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Miscellaneous/Other	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
TOTAL	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000

Operating Description: No additional O and M is needed. Project reflects appropriation only.

* New Project

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

FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

1650 - Transportation Grants

Category: Other

Project: 67526 - DS Multiuse Path: Grand Canal (N)

Funding Source:

Grants

Project Description:

The project is to provide for the design of a multi-use pathway along the Grand Canal from east of Loop 101 to east bank of New River.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$190,774	\$0	\$0	\$0	\$0	\$0
TOTAL	\$190,774	\$0	\$0	\$0	\$0	\$0

Operating Description:

No O and M associated with this design project.

Project: 67527 - DS Multiuse Path: New River (N)

Funding Source:

Grants

Project Description:

This project provides for the design of a multiuse pathway along the New River east bank from Northern Avenue to Grand Canal.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$407,287	\$0	\$0	\$0	\$0	\$0
TOTAL	\$407,287	\$0	\$0	\$0	\$0	\$0

Operating Description:

No O and M associated with this design project.

Project: 67528 - DS Multiuse Path: Maryland Ave (N)

Funding Source:

Grants

Project Description:

This project provides for the design of a bike lane along Maryland Avenue from 67th Avenue to 69th Avenue, a multi-use path along Maryland Avenue east of 75th Avenue, and a multi-use path along the Maryland Avenue alignment in the Discovery Park from west of 75th Lane to 77th Drive.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$53,194	\$0	\$0	\$0	\$0	\$0
TOTAL	\$53,194	\$0	\$0	\$0	\$0	\$0

Operating Description:

No O and M associated with this design project.

Project: 67529 - FTA Grant X096 (N)

Funding Source:

Grants

Project Description:

Federal Transit Administration grant for replacement bus purchases, computer purchases, and preventative maintenance reimbursement.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
FY 2011 Carryover	\$926,606	\$0	\$0	\$0	\$0	\$0
TOTAL	\$926,606	\$0	\$0	\$0	\$0	\$0

Operating Description:

No additional O and M is needed.

* New Project

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

**FY 2011 - 2020 Capital Improvement Program
Capital Projects By Fund and Project Number**

1340 - HURF/Streets Fund			Category: Other					
			<u>FY 2011:</u>	<u>FY 2012:</u>	<u>FY 2013:</u>	<u>FY 2014:</u>	<u>FY 2015:</u>	<u>FYs 16-20:</u>
Capital Project Expenses	<u>Carrvover</u>	<u>New Funding</u>						
Existing Assets								
<i>Replacement of Existing Assets</i>								
T0003 Replacement of Streets Equipmt	0	0	0	0	0	0	0	530,200
T0010 Right of Way Rearload Truck	0	0	0	0	0	0	0	258,500
<i>Sub-Total - Existing Assets</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>788,700</i>
New Assets								
T0005 Growth in Streets Equipment	0	0	0	0	0	0	0	857,085
<i>Sub-Total - New Assets</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>857,085</i>
Total Project Expenses:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,645,785
Total FY 2011 Funding:		\$0						

* New Project

FY 2011-2020 Capital Improvement Plan Capital Project Expenses Detail

1340 - HURF/Streets Fund

Category: Other

Project: T0003 - Replacement of Streets Equipmt (R)

Funding Source: Highway User Revenue Fund

Project Description:

Replace four pieces of equipment that are not in the vehicle replacement program and add this equipment to the vehicle replacement program when purchased. The following four pieces of equipment will be purchased in FY 2016 and then added to the vehicle replacement fund: one concrete mixer truck at a cost of \$223,300; an asphalt roller at a cost of \$88,000; an asphalt paving machine at a cost of \$121,000; and a water truck at a cost of \$97,900.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equipment	\$0	\$0	\$0	\$0	\$0	\$530,200
TOTAL	\$0	\$0	\$0	\$0	\$0	\$530,200

Operating Description:

Equipment replacement costs are included in FY14 at \$48,200 annually inflated at 4% with a 10-year life. Because this is replacement equipment, operating cost are already in the budget and are not needed here.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$295,713
TOTAL	\$0	\$0	\$0	\$0	\$0	\$295,713

Project: T0010 - Right of Way Rearload Truck (R)

Funding Source: Highway User Revenue Fund

Project Description:

Replacement of the existing right-of-way compactor truck which is not in the vehicle replacement fund with a new rearload truck. This right-of-way truck was purchased in 1979 and has exceeded its useful life. Funding is included to add this truck to the Vehicle Replacement Fund. The truck works with the right-of-way crews in the disposal of tree trimmings and other landscaping that is maintained by the Glendale staff.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equipment	\$0	\$0	\$0	\$0	\$0	\$258,500
TOTAL	\$0	\$0	\$0	\$0	\$0	\$258,500

Operating Description:

Because this new truck will replace an existing truck, funding is already available for Equipment Maintenance. Vehicle Replacement funds are included in FY14 at \$30,615 annually inflated at 4% so this truck can be added to the vehicle replacement schedule with a 10-year life.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$187,851
TOTAL	\$0	\$0	\$0	\$0	\$0	\$187,851

* New Project

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

FY 2011-2020 Capital Improvement Plan

Capital Project Expenses Detail

1340 - HURF/Streets Fund

Category: Other

Project: T0005 - Growth in Streets Equipment (N)

Funding Source: Highway User Revenue Fund

Project Description:

This is a request to purchase six new pieces of equipment for street maintenance based on projections for continued growth and expectations of deterioration due to aging of the street, curb, gutter and sidewalk network. The Planning Department estimates 60-70 miles of streets may be added during the next seven to nine years. With the City's rapid and continued growth, these additional resources will allow current service levels for the public to be maintained.

Capital Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Equipment	\$0	\$0	\$0	\$0	\$0	\$857,085
TOTAL	\$0	\$0	\$0	\$0	\$0	\$857,085

Operating Description:

Staffing includes salary and benefits for 4 Service Worker II's at an annual cost of \$67,823 each, 2 Service Worker III's at an annual cost of \$77,064, 1 Equipment Operator at an annual cost of \$68,750 and 1 Crew Leader at an annual cost of \$80,456. Line supplies for the first year are projected to be \$174,900 for the new crews with the cost for supplies projected to inflate at 4% per year. Equipment maintenance charges and fuel costs total \$23,585 for the first year. Insurance cost is based on the current average cost (\$2,354) per employee times seven for Fund 1340. The vehicle replacement charges (\$62,845) cover five vehicles over a 10-year lifecycle, with a 4% annual inflation adjustment.

Operating Costs:

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FYs 16-20
Staffing	\$0	\$0	\$0	\$0	\$0	\$2,873,123
Supplies/Contr	\$0	\$0	\$0	\$0	\$0	\$947,314
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$117,925
Insurance	\$0	\$0	\$0	\$0	\$0	\$107,614
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$340,390
TOTAL	\$0	\$0	\$0	\$0	\$0	\$4,386,366

* New Project

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