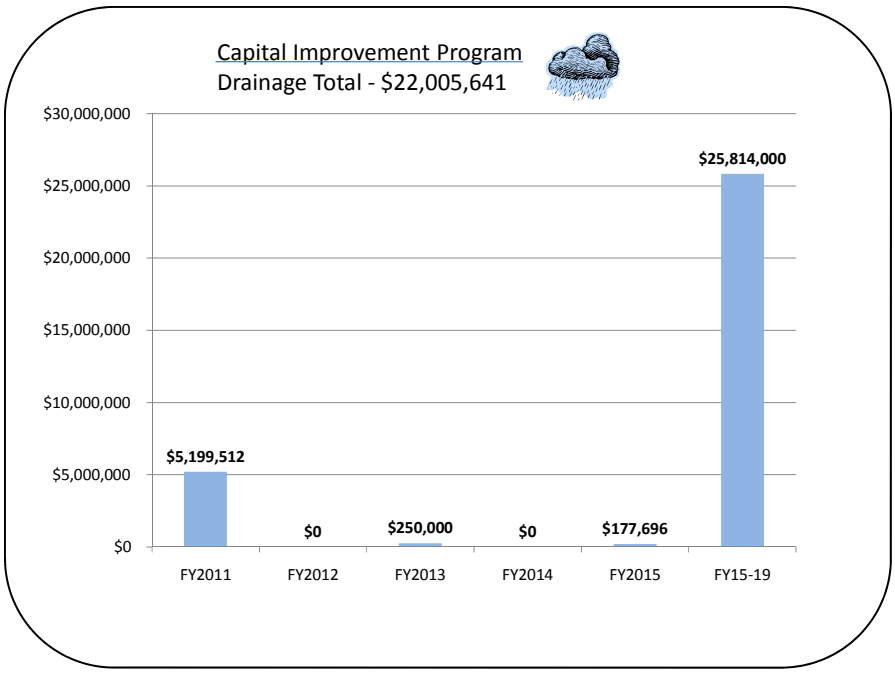
Drainage

Storm water flows through the City of Peoria typically from the northeast to the southwest. As development occurs, the additional impervious surface area impacts the effective drainage of these flows, driving the need for drainage infrastructure. The City partners with the development community to ensure that onsite drainage issues are addressed during the development process. The City's Capital Improvement Program addresses regional drainage issues through the drainage projects contained herein.

Drainage projects in the Capital Improvement Program are typically funded from General Obligation Bonds, with additional funding provided by such outside sources as the Flood Control District of Maricopa County. The city has partnered with the Flood Control District on several large projects in recent years, including the drainage improvements along Rose Garden Lane and at 83rd Avenue and Pinnacle Peak Road. The FY 2011 capital budget includes funding for drainage improvements along Pinnacle Peak Road from 99th Avenue to the Aa Fria River—another joint project with the Flood Control District



Drainage

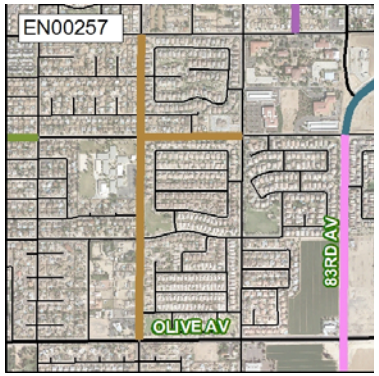
Name	Pg#	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16-20	**Total**
87th Av Storm Drain; Hatcher Rd to Monroe St	22	$0	$0	$0	$0	$0	$3,404,036	**$3,404,036**
91st Av Storm Drain; Olive Av to Mountain View Rd	23	$0	$0	$0	$0	$0	$2,923,500	**$2,923,500**
Drywell/Drainage Solutions Program	24	$201,000	$0	$0	$0	$0	$0	**$201,000**
Glendale-Peoria ADMP Update	25	$247,000	$0	$250,000	$0	$0	$242,400	**$739,400**
Mountain View Rd Drainage; 91st Av to 89th Av	26	$0	$0	$0	$0	$0	$1,285,500	**$1,285,500**
New River Mitigation Site	27	$155,666	$0	$0	$0	$0	$0	**$155,666**
Pinnacle Peak Channel; 87th Av to Agua Fria	28	$3,000,000	$0	$0	$0	$177,696	$933,649	**$4,111,345**
Pinnacle Peak Rd & 67th Av Channel to New River	29	$0	$0	$0	$0	$0	$14,906,743	**$14,906,743**
Rose Garden Ln Basin	30	$200,000	$0	$0	$0	$0	$0	**$200,000**
Stormwater Assets Maintenance Program	31	$125,000	$0	$0	$0	$0	$0	**$125,000**
Union Hills Drainage Channel	32	$80,000	$0	$0	$0	$0	$2,118,172	**$2,198,172**
Washington Street Storm Drainage Alley	33	$688,235	$0	$0	$0	$0	$0	**$688,235**
Westbrook Village Ct Verdict Drainage Improvements	34	$502,611	$0	$0	$0	$0	$0	**$502,611**
Total - Drainage		**$5,199,512**	**$0**	**$250,000**	**$0**	**$177,696**	**$25,814,000**	**$31,441,208**

Drainage

Summary of Funding Sources

Description of Fund	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16-20	**Total**
1000 - General	$354,596	$0	$0	$0	$0	$0	**$354,596**
4220 - GO Bonds 2009	$577,101	$0	$0	$0	$0	$0	**$577,101**
4240 - GO Bonds 2010	$1,257,149	$0	$0	$0	$0	$0	**$1,257,149**
4250 - Proposed GO Bonds	$2,630,000	$0	$0	$0	$0	$0	**$2,630,000**
4810 - Capital Projects-Outside Srces	$380,666	$0	$0	$0	$0	$7,361,107	**$7,741,773**
4970 - Proposed GO Bonds Future Issue	$0	$0	$250,000	$0	$177,696	$18,452,893	**$18,880,589**
Total	**$5,199,512**	**$0**	**$250,000**	**$0**	**$177,696**	**$25,814,000**	**$31,441,208**

87th Av Storm Drain; Hatcher Rd to Monroe St



Project Number: EN00257 ***Project Location: 87th Av from Hatcher Rd to Monroe St & Mtn View Rd from 87th Av to 85th Av***

Description:

This project provides for the design, utility relocation, extension and burying overhead lines as determined, construction and construction administration for the storm drain on 87th Av from Hatcher Rd to Monroe St and along Mountain View Rd from 87th Av to 85th Av. The purpose is to capture the drainage along 87th Av and the contributing drainage area north of Olive Av to reduce the impact of the storm water reaching and overwhelming Olive Av. The improvements will consist of storm drains, laterals and catch basins which are an extension of the overall drainage system. The project also includes the mill & overlay of the existing pavement from curb to curb throughout the project limits.

Justification:

The City approved a rezoning in the downtown area of Peoria, where on-lot storm water storage was waived for developments and re-developments in the heart of Downtown Peoria. An update to the Drainage Master Plan was performed which recommended additional storm drainage improvements, needed to account for the shortage of storm water storage resulting from the anticipated change in land use. This storm drain was the result of the recommendation of the Downtown Area Drainage Master Plan.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Arts	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$4,036	$31,000	$35,036
Chargebacks	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$0	$61,200	$61,200
Construction	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,904,152	$2,904,152
Design	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$403,648	$0	$403,648
		Total Budget	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$407,684**	**$2,996,352**	**$3,404,036**

91st Av Storm Drain; Olive Av to Mountain View Rd

Project Number: EN00231 ***Project Location: 91st Av from Olive Av to Mtn View Rd***

Description:

This project provides for the design, utility relocation, extension and burying overhead lines as determined, construction and construction administration of the 91st Av storm drain from Olive Av to Mtn View Rd. The purpose is to capture the drainage along 91st Av north of Olive Av and from Mountain View Rd which reaches 91st Av to reduce the impact of the storm water reaching and overwhelming the intersection. Improvements will include extension of the storm drain and catch basins on 91st Av to convey the storm drainage to the Olive Storm Drain. Removal of drainage valley gutters, which interfere with the convenient travel along 91st Av, will be reconfigured in the design process. The project also includes the mill & overlay of the existing pavement from curb to curb throughout project limits.

Justification:

This project is an element from the Glendale-Peoria Area Drainage Master Plan. (G-P ADMP). There are other solutions to convey storm drainage directly to the ADOT channel that will be investigated. These alternate routes will be evaluated in conjunction with proposed private developments along 91st Av.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Arts	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$3,500	$31,000	$0	$0	$34,500
Chargebacks	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$43,000	$29,000	$0	$0	$72,000
Construction	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$2,467,000	$0	$0	$2,467,000
Design	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$350,000	$0	$0	$0	$350,000
		Total Budget	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$396,500**	**$2,527,000**	**$0**	**$0**	**$2,923,500**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Total Operating Impacts	$0	$0	$0	$0	$0	$0	$0	$0	$2,500	$2,500	$5,000

Drywell/Drainage Solutions Program

Project Number: PW00185 ***Project Location: Various Locations***

Description:

This program will identify areas with minor drainage issues and provide for the investigation and evaluation of drainage solutions. The improvements may include, but are not limited to, installing drywells, connecting pipes and inlets to the adjacent storm drain systems, re-grading to improve the function of the storm water system or modifying connector pipes and inlets.

Justification:

The former drywells program addressed deficiencies solely in the drywells themselves. This new program will address drainage issues throughout the storm drainage system. The success of the drywell program is apparent, since there have recently been few candidates to assemble into a sizable task. The intent of the drywell program will continue through the redefined program, with a more flexible approach to varied solutions, where a drywell would not be necessary or appropriate.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Construction	GO Bonds 2009	Carryover	$201,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$201,000
		Total Budget	**$201,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$201,000**

Glendale-Peoria ADMP Update

Project Number: EN00139 ***Project Location: Varney Tract***

Description:

This project will update the Glendale-Peoria Area Drainage Master Plan (ADMP) to update various areas of the City. One such area is the Varney Tract Area. The Varney Tract area update is for addressing citizen complaints along 81st Av south of Cactus Rd. Other ADMP updates will be coordinated with the Flood Control District of Maricopa County at a later date. The studies will determine whether the existing drainage facilities in the area are adequate to handle the additional run-off and make recommendations for drainage improvements.

Justification:

The ADMP updates will determine the drainage requirements that may be needed in the Varney Tract and other areas of the City, as studied in future years.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Study	GO Bonds 2010	Carryover	$247,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$247,000
Study	Proposed GO Bonds Fut	Base	$0	$0	$250,000	$0	$0	$242,400	$0	$0	$0	$0	$492,400
		Total Budget	**$247,000**	**$0**	**$250,000**	**$0**	**$0**	**$242,400**	**$0**	**$0**	**$0**	**$0**	**$739,400**

Mountain View Rd Drainage; 91st Av to 89th Av

Project Number: EN00130 ***Project Location: Mtn View Rd from 91st Av to 89th Av***

Description:

This project is for the design, utility relocation, extension and burying overhead lines, as determined, construction and construction administration for a storm drainage project to capture the drainage along Mountain View Rd, east of 91st Av, to reduce the impact of the storm water reaching and overwhelming the 91st Av & Mountain View Rd intersection. The improvements will consist of storm drains, laterals and catch basins, which are an extension of the overall drainage system, and the mill & overlay of the existing roadway from curb to curb throughout the project limits.

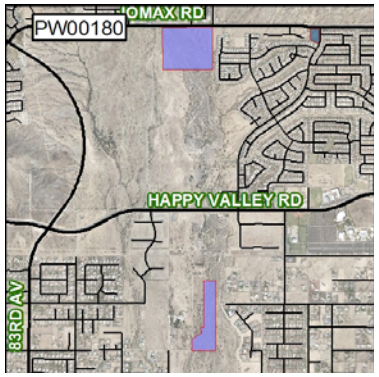
Justification:

The Glendale-Peoria Area Drainage Master Plan (ADMP) is a regional storm drainage plan. Each element proposed in an ADMP is essential to the proper function of the storm drainage system. Recommendations from that plan are made to meet the intentions for the storm drainage system, in an orderly manner. This project is identified as an element of the ADMP.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Arts	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$1,500	$13,000	$0	$14,500
Chargebacks	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$22,000	$44,000	$0	$66,000
Construction	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$1,055,000	$0	$1,055,000
Design	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$150,000	$0	$0	$150,000
		Total Budget	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$173,500**	**$1,112,000**	**$0**	**$1,285,500**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Total Operating Impacts	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,500	$3,500

New River Mitigation Site



Project Number: PW00180 ***Project Location: New River at Jomax Rd***

Description:

This will be for the purchase of land for replacement of habitat expected to be disturbed when erosion control and channelization projects are pursued in New River from the Skunk Creek Confluence to the New River Dam. The project will also include fencing to prohibit public access and patrolling for damage and litter/vandalism abatement. Maintenance of the fence, litter pick-up and patrolling will be an ongoing expense. The City will collect proceeds from development, including CIP projects, as related bank and channel improvements to New River are made. After an accumulation of enough proceeds, segmented purchases will be made from a larger parcel which is reserved to meet the overall mitigation purposes.

Justification:

An Army Corps of Engineers (ACOE) 404 permit covering Middle New River Watercourse Master Plan (MNRWCMP), New River from the confluence of Skunk Creek to the New River Dam, for erosion protection and channelization projects that have an impact on the vegetation and wildlife that inhabit the current unimproved reaches of New River. The permit achieved through the ACOE requires that an adjoining displaced tract of land be set aside for the re-establishment of potential lost wildlife, vegetation and habitat. This Mitigation Site is in trade for otherwise re-establishing the habitat directly within the adjacent Channel associated with individual developments. The result is that New River will be available for the City and other jurisdictions to utilize the channel for trails and other recreational amenities that do not interfere with the Mitigation Site and its intent of preservation of natural habitat and wildlife refuge. The City is obligated for up to 38 acres of mitigation, should the complete channel reach be improved, which is unlikely. As developments continue, the City will continue to administer the mitigation contributions and purchase land in compliance to the ACOE 404 Permit. A large parcel of land along New River was donated to the City by a developer, relieving the City of its obligation to purchase land for the purpose of mitigation.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Construction	Capital Projects-Outside	Carryover	$99,790	$0	$0	$0	$0	$0	$0	$0	$0	$0	$99,790
Land	Capital Projects-Outside	Carryover	$55,876	$0	$0	$0	$0	$0	$0	$0	$0	$0	$55,876
		Total Budget	**$155,666**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$155,666**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Total Operating Impacts	$400	$400	$400	$400	$400	$400	$400	$400	$400	$400	$4,000

Pinnacle Peak Channel; 87th Av to Agua Fria

Project Number: EN00134 ***Project Location: Pinnacle Peak Rd from 87th Av to Agua Fria***

Description:

This project is for the design, right of way, utility relocation, extensions and burying overhead lines as determined, construction, and construction administration for storm drainage facilities to capture the drainage from the contributing area north of Pinnacle Peak Road from 87th Avenue to the Agua Fria. This project will reduce the impact of the storm runoff reaching and overwhelming developments south of Pinnacle Peak Rd. The improvements will consist of channels, culverts, storm water storage basins, storm drains, laterals and catch basins which are an extension of the overall drainage system. Right of way will be needed for the storm drainage facilities including the storm water storage basins. Phase I of the project will extend from 99th Av to the Agua Fria River as a joint project with the Flood Control District of Maricopa County. Phase II will address the section from 91st Av to 87th Av, again as a joint project with the Flood Control District of Maricopa County. Phase II is in the out years, after the Camino North development (The Meadows) completes the intervening segment of drainage from 91st Av to 99th Av. This project will be closely coordinated with the phased Pinnacle Peak Road street projects.

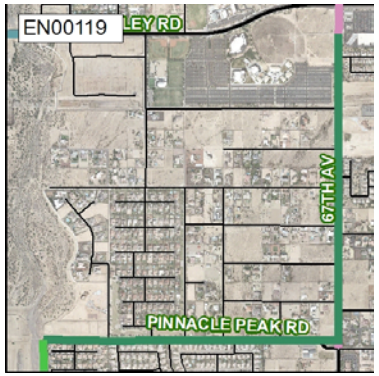
Justification:

The Glendale-Peoria Area Drainage Master Plan (ADMP) is a regional storm drainage plan. Each element proposed in an ADMP is essential to the proper function of the storm drainage system. Recommendations from that plan are made to meet the intentions for the storm drainage system, in an orderly manner. This project is identified as an element of the ADMP. This project is a candidate for Flood Control District, and other agency participation. The Flood Control District elected to split the drainage project until the intervening segment of drainage could be constructed which would connect Phase II to the overall drainage system.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Construction	GO Bonds 2010	Carryover	$450,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$450,000
Construction	Proposed GO Bonds	Carryover	$1,615,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,615,000
Design	Proposed GO Bonds	Carryover	$480,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$480,000
Land	Proposed GO Bonds	Carryover	$455,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$455,000
Arts	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$961	$55,000	$0	$0	$0	$0	$55,961
Chargebacks	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$48,650	$48,650	$0	$0	$0	$0	$97,300
Construction	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$829,999	$0	$0	$0	$0	$829,999
Design	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$96,064	$0	$0	$0	$0	$0	$96,064
Study	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$32,021	$0	$0	$0	$0	$0	$32,021
		Total Budget	**$3,000,000**	**$0**	**$0**	**$0**	**$177,696**	**$933,649**	**$0**	**$0**	**$0**	**$0**	**$4,111,345**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Total Operating Impacts	$17,000	$17,000	$17,000	$17,000	$17,000	$17,000	$17,000	$17,000	$17,000	$17,000	$170,000

Pinnacle Peak Rd & 67th Av Channel to New River



Project Number: EN00119 ***Project Location: 67th Av & Pinnacle Peak Rd - 67th Av to New River***

Description:

This project is for the design, construction, construction administration, utility relocation, extension and undergrounding of utilities as determined, for storm drainage facilities to capture the drainage along Pinnacle Peak Road and 67th Avenue. Runoff from north of Happy Valley Road flows south in poorly defined channels, joining runoff from the east to overwhelm existing drainage facilities southwest of Pinnacle Peak and 67th Avenue. The improvements will consist of channels, box culverts, storm water storage basins, storm drains, laterals and catch basins which are an extension of the overall drainage system. Right of way will be needed to construct the channels, storm drains and storm water basins. This is a Regional Project where we would expect participation from other agencies. This project must be constructed prior to the roadway widening of 67th Avenue between Pinnacle Peak Road and Happy Valley Road. (CIP Project #EN00100)

Justification:

The Glendale-Peoria Area Drainage Master Plan (ADMP) is a regional storm drainage plan. Each element proposed in an ADMP is essential to the proper function of the storm drainage system. Recommendations from that plan are made to meet the intentions for the storm drainage system, in an orderly manner. This project is identified as an element of the ADMP. This project is a candidate for private property, Flood Control District, and other agency participation.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Construction	Capital Projects-Outside	Base	$0	$0	$0	$0	$0	$0	$0	$0	$0	$5,754,593	$5,754,593
Design	Capital Projects-Outside	Base	$0	$0	$0	$0	$0	$0	$0	$683,339	$0	$0	$683,339
Land	Capital Projects-Outside	Base	$0	$0	$0	$0	$0	$0	$0	$0	$923,175	$0	$923,175
Arts	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$24,833	$18,000	$141,696	$184,529
Construction	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$0	$5,754,593	$5,754,593
Design	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$683,339	$0	$0	$683,339
Land	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$923,175	$0	$923,175
		Total Budget	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,391,511**	**$1,864,350**	**$11,650,882**	**$14,906,743**

Rose Garden Ln Basin

Project Number: PW00184 ***Project Location: Agua Fria River at 113th Av***

Description:

This project is for construction, and construction administration of a drainage basin in the Agua Fria River at the outlet of the Rose Garden Channel. The improvements will consist of basin excavation and fine grading. The project will also include minor drainage improvements to combat channel erosion adjacent to undeveloped properties.

Justification:

This project is in accordance with the existing IGA with the Flood Control District of Maricopa County (FCDMC) and the Glendale-Peoria ADMP. The basin is part of the overall regional system. The City and the FCDMC partnered to auction off the basin materials excavation as a strategy for significant cost savings.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Construction	Capital Projects-Outside	Carryover	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
Construction	GO Bonds 2010	Carryover	$100,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$100,000
		Total Budget	**$200,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$200,000**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Total Operating Impacts	$3,900	$3,900	$3,900	$3,900	$3,900	$3,900	$3,900	$3,900	$3,900	$3,900	$39,000

Stormwater Assets Maintenance Program

Project Number: PW11130 ***Project Location: 75th Av, south of Bell Rd & various other locations***

Description:

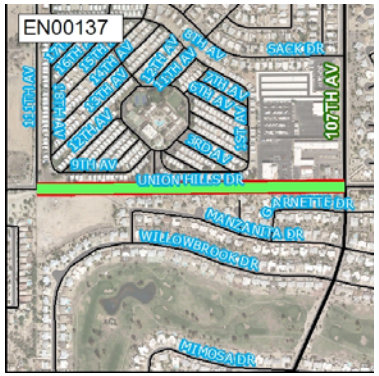
Implement a program of repair and replacement for Stormwater assets.

Justification:

Concrete structures, gates, fences, grates and manholes need to be repaired or replaced in excess of the periodic maintenance program.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Construction	Capital Projects-Outside	Base	$125,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$125,000
		Total Budget	**$125,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$125,000**

Union Hills Drainage Channel



Project Number: EN00137 ***Project Location: Union Hills Dr from 107th Av to 111th Av***

Description:

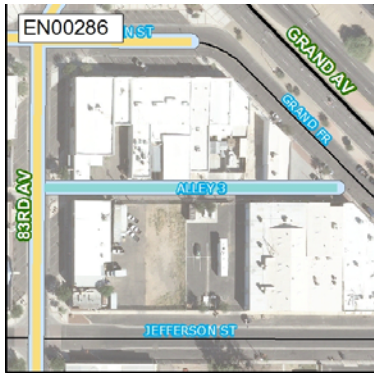
This project provides for the study, design, utility relocation, extension and burying overhead lines as determined, construction and construction administration for a storm drainage project to capture the drainage from determined storm water outfalls located in Sun City, and drainage along Union Hills Dr. from the vicinity of 107th Av and Union Hills Dr. The improvements will reduce the impact of the storm water reaching and overwhelming the roadway and particularly the 107th Av & Union Hills Dr intersection. The improvements will consist of channel improvements, box culverts, storm drains, laterals and catch basins which are an extension of the overall drainage system.

Justification:

This project is identified as an element of the Glendale-Peoria Area Drainage Master Plan (ADMP) which is a regional storm drainage plan. Each element proposed in an ADMP is essential to the proper function of the storm drainage system. The City is partnering with Flood Control District of Maricopa County, Maricopa County Department of Transportation and the City of Surprise for the initial study. There may be future agreements for final design and construction with the partner agencies.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Study	Proposed GO Bonds	Base	$80,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$80,000
Arts	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$2,158	$18,101	$20,259
Chargebacks	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$21,600	$50,400	$72,000
Construction	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,810,084	$1,810,084
Design	Proposed GO Bonds Fut	Base	$0	$0	$0	$0	$0	$0	$0	$0	$215,829	$0	$215,829
		Total Budget	**$80,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$239,587**	**$1,878,585**	**$2,198,172**

Washington Street Storm Drainage Alley



Project Number: EN00286 ***Project Location: Alley south of Washington St; Grand Av frontage road to 83rd Av***

Description:

This project provides for the utility relocation, extension and burying overhead lines as determined, construction and construction administration for drainage and alley reconstruction between the Grand Av frontage road and 83rd Av. The improvements include burying overhead utilities, drainage improvements and reconstruction of the alley.

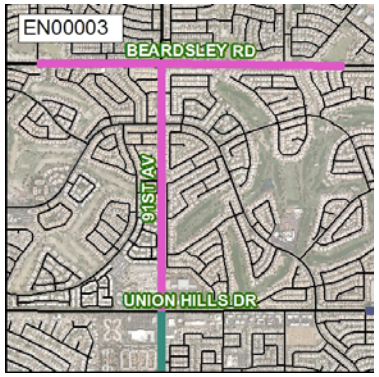
Justification:

These improvements were identified as a result of the downtown redevelopment study. This project will minimize ponding of water in the alley and provides additional protection to local businesses. The undergrounding of utilities is part of a proposed program to improve the aesthetics of the downtown area.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Construction	General	Carryover	$320,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$320,000
Construction	GO Bonds 2009	Carryover	$368,235	$0	$0	$0	$0	$0	$0	$0	$0	$0	$368,235
		Total Budget	**$688,235**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$688,235**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Total Operating Impacts	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$2,000	$20,000

Westbrook Village Ct Verdict Drainage Improvements



Project Number: EN00003 ***Project Location: Westbrook Village: Beardsley Rd, 83rd Av to 91st Av***

Description:

This project is to provide for the construction and construction administration to restore landscaping in the drainage basins removed during construction of the storm drain improvements.

Justification:

The landscaping was initially eliminated from the Westbrook Village project due to fiscal constraints. This project provides the funding to restore the landscape to its preconstruction condition.

Category	Funding Source	Carryover / Base	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Construction	General	Carryover	$34,596	$0	$0	$0	$0	$0	$0	$0	$0	$0	$34,596
Construction	GO Bonds 2009	Carryover	$7,866	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,866
Construction	GO Bonds 2010	Carryover	$460,149	$0	$0	$0	$0	$0	$0	$0	$0	$0	$460,149
		Total Budget	**$502,611**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$502,611**

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Total Operating Impacts	$8,693	$8,693	$8,693	$8,693	$8,693	$8,693	$8,693	$8,639	$8,639	$8,639	$86,769