

TOWN OF PARADISE VALLEY

FY 2018 Budget



Overview

- Condition – Economic Forecast
 - Overall State GDP
 - Housing
 - Hospitality
 - State Income
 - HURF/Gas Tax



Local Conditions

- Population & Inflation
 - Revenue Sharing
 - ELR
- Building Permits
- ANdAZ & Mtn Shadows Impact to Revenues



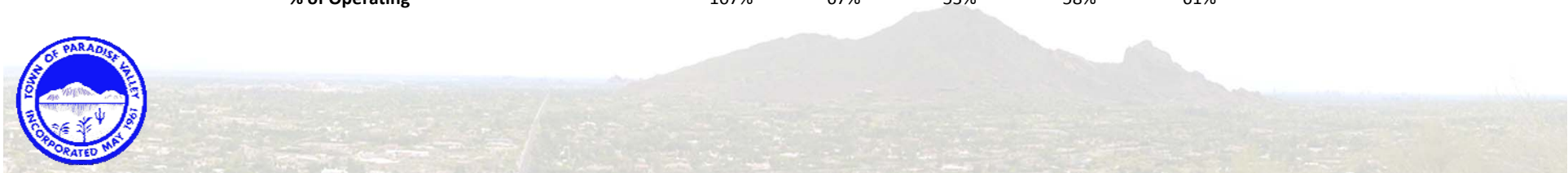
Organizational Goals

- Long term sustainable budget
- Pay down pension liability
- Pavement preservation of Lincoln and Tatum
- Sustainable funding of CIP
- Maintain and repair infrastructure
 - Fleet
 - Facilities
- Fix sewer fund



Operating Forecast

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Sources					
Beginning Fund Balance - GF & HURF	32,639,305	23,162,528	15,013,937	12,188,874	13,962,897
Revenue	25,209,657	29,285,195	31,938,817	32,854,885	32,940,454
Transfers In	133,700	133,700	133,700	133,700	133,700
Total Sources	57,982,662	52,581,423	47,086,454	45,177,458	47,037,050
Uses					
Total Department Expenditures	21,613,462	22,369,933	23,152,881	23,963,232	24,801,945
PSPRS Unfunded Liability Additional Payment	5,000,000	5,000,000	4,650,000		
Vehicle Replacement Program	494,500	494,500	494,500	494,500	494,500
Facilities Repair and Replacement	624,000	912,500	115,800	270,500	135,800
Lincoln & Tatum Repaving	1,800,000	3,000,000			
2016 Debt Issuance	288,172	790,553	1,484,399	1,486,330	1,487,839
CIP	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Total Uses	34,820,134	37,567,486	34,897,580	31,214,562	31,920,084
Ending Fund Balance - GF	23,162,528	15,013,937	12,188,874	13,962,897	15,116,967
% of Operating	107%	67%	53%	58%	61%



Resources

- Manager's Recommended Budget
 - Fire Fee
 - PSPRS Unfunded Liability
 - Tatum Repaving
 - Staffing
 - Department budgeting
 - Program driven requests; zero-based, priority-based
 - Health Insurance





TOWN OF PARADISE VALLEY CAPITAL IMPROVEMENT PLAN FY2018 – FY2022

March 9th, 2017



TODAY'S FOCUS

Receive information on every project in the FY2018 to
FY2022 CIP

And

Provide feedback on any projects Town Council would
like to discuss further



March 9th, 2017

FY2018 TO FY2022 CIP

Department	Project #	2018	2019	2020	2021	2022	Total
Facility Improvement							
Town Hall Space Organization Study and Remodel	2017-01	100,000	250,000	1,000,000			1,350,000
Town Hall Complex Backup Power	2017-02	500,000					500,000
Solar Energy Town Complex	2019-01		500,000				500,000
Town Hall Chiller Replacement	2019-02		100,000				100,000
Facility Improvement Total		600,000	850,000	1,000,000			2,450,000
Master Plans/Studies							
Watershed Studies	2016-06	500,000	500,000				1,000,000
Iconic Visually Significant Corridors, etc.	2016-08	43,000					43,000
Town Facilities Green Compliant Study	2018-09		100,000				100,000
Berneil Water Company Study	2019-09		150,000				150,000
Master Plans/Studies Total		543,000	750,000				1,293,000
Sidewalks							
Lincoln Drive Sidewalks	2017-05	440,000	75,000	120,000			635,000
56th St. Sidewalks (Mockingbird to Doubletree)	2018-06	100,000					100,000
N. Tatum Rd. Sidewalks (Doubletree-Mountain View)	2020-06			150,000			150,000
32nd St. Sidewalks (Stanford to Lincoln)	2021-02				300,000	2,850,000	3,150,000
Sidewalks Total		540,000	75,000	270,000	300,000	2,850,000	4,035,000
SRP Undergrounding							
SRP 44th Street & Keim Conversion	2016-01	1,224,385					1,224,385
SRP Denton Lane Conversion	2020-01			50,000	527,100		577,100
SRP 40th Street & Lincoln Drive Conversion	2022-01					300,000	300,000
SRP Undergrounding Total		1,224,385		50,000	527,100	300,000	2,101,485
Stormwater							
Hummingbird Lane/Quartz Mountain Road	2019-07		425,000				425,000
Berneil Channel Improvements	2019-08		400,000	3,600,000			4,000,000
Scottsdale Rd. and Indian Bend	2020-07			450,000	3,550,000		4,000,000
Cudia City Wash Crossing at Tatum Boulevard	2021-03				300,000	2,700,000	3,000,000
Invergordon Rd. at the Indian Bend Wash Crossing	2022-02					300,000	300,000
Wash Culvert Extension at McDonald	2022-03					205,000	205,000
Waterman Lane Low Water Crossing	2022-04					150,000	150,000
LIW ADMS Cheney Dr Alt 1	2022-06					1,500,000	1,500,000
Stormwater Total			825,000	4,050,000	3,850,000	4,855,000	13,580,000
Streets							
Lincoln Dr. (Limits to Mockingbird) - Ritz Related	2016-14.1	2,870,000					2,870,000
Indian Bend (Limits to Mockingbird) - Ritz Related	2016-14.2	1,700,000					1,700,000
Mockingbird Lane Medians - Ritz Related	2016-14.3	5,320,000					5,320,000

Department	Project #	2018	2019	2020	2021	2022	Total
Streets							
Mockingbird Lane Improvements (S. of Lincoln Rd.)	2018-03	200,000					200,000
Doubletree (64th St. to Scottsdale)	2018-04	300,000	3,000,000				3,300,000
Pedestrian / Bicycle Improvements	2018-07	100,000	100,000	100,000	100,000	100,000	500,000
Lincoln@64th St. (Invergordon) Intersect. Realign	2019-03		150,000				150,000
64th St. Medians (McDonald to Chaparral Rd.)	2019-04		270,000	2,430,000			2,700,000
Denton Lane Cul De Sac	2019-05			150,000			150,000
Highlands Drive Cul De Sac	2019-06		250,000				250,000
45th Street Curbs (McDonald to Valley Vista)	2020-02			100,000			100,000
Tatum Boulevard Retaining Walls	2020-03			400,000			400,000
Mockingbird Lane (56th St. to Invergordon Rd.)	2020-04			300,000	3,000,000		3,300,000
Mountain View Road Improvements (Tatum - 52nd St.)	2020-05			100,000	1,000,000		1,100,000
Mini Multi-Modal Transportation Site	2021-01				500,000		500,000
Streets Total		10,490,000	3,770,000	3,580,000	4,600,000	100,000	22,540,000
Technology							
Public Safety Communications Tower	2013-02	850,000					850,000
Network Switch Upgrade	2016-10	12,000					12,000
Implement Town-Wide Geographic Info. System (GIS)	2017-04	125,000					125,000
Telecommunications System Update	2018-01	320,000					320,000
Town Owned Cell Tower Sites	2018-02	425,000					425,000
CAD Enterprise Upgrade	2018-08	221,000					221,000
Town Hall Complex Fiber Connections	2022-05			150,000			150,000
Technology Total		2,103,000					2,103,000
Traffic Signals							
Traffic Signal (Video Detection) Upgrades	2018-05	250,000					250,000
Traffic Signals Total		250,000					250,000
Wastewater							
Sewer System Assessment	2017-06	234,200	234,200	234,200	234,200		936,800
Wastewater Total		234,200	234,200	234,200	234,200		936,800
GRAND TOTAL		15,984,585	6,504,200	9,184,200	9,511,300	8,105,000	49,289,285



FY2018 TO FY2022 CIP

Town Hall Space Optimization Study

Location: Town Hall Complex

Cost: \$1.45m, FY17-20

- Study to identify space utilization in town hall
- Currently departments / staff are spread out as well as storage
- This project will identify future upgrades and changes for an interior remodel

Town Hall Complex Backup Power

Location: Town Hall Complex

Cost: \$500k, FY18

- This would provide for backup power during a power outage so the Town can operate during an emergency.
- Installation of a separate stand alone generator for Town Hall.
- Additionally, the Police / Public Works Department generator is 18+ years old and is due for replacement.



March 9th, 2017

FY2018 TO FY2022 CIP

Solar Energy Town Complex

Location: Town Hall Complex

Cost: \$500k, FY19

- Design and installation of photo voltaic panels at the town hall complex
- Implementation of General Plan 7.4-1.5

Town Hall Chiller Replacement

Location: Town Hall Complex

Cost: \$100k, FY19

- Due to age, the chiller is in need of replacement
- Parts to maintain the equipment are being harder to find and more expensive
- Chiller provides cold water to Town Hall air handlers, if it fails during summer months it may require closure of Town Hall



March 9th, 2017

FY2018 TO FY2022 CIP

Watershed Studies

Location: Townwide

Cost: \$1m, FY18-19

- Includes the initiation of a second study, watershed still TBD
- Anticipate future CIP projects will be identified in the study
- Further discussion on watersheds to determine future of these projects

Visually Sig Corridors Study

Location: Lincoln and Tatum

Cost: \$150k, FY17-18

- Identified in the 2012 General Plan Goals 3.3-1.5, 3.3-1.6, 3.3-1.7, 4.5-1.10
- A town wide master plan identifying a program to improve and maintain rights-of-way corridors, create key gateways that differentiates the Town from surrounding communities, and places for residents to recreate or gather together
- Anticipate future CIP projects will be identified in the study



March 9th, 2017

FY2018 TO FY2022 CIP

Town Facilities Green Compliant

Location: Town Hall Complex

Cost: \$100k, FY19

- Study to identify implementation of 7.4-1.5 of the General Plan
- Will identify both operational and facility enhancements to include in the CIP
- Improve towns environmental, economic, and social stewardship by reducing its carbon footprint

Berneil Water Company Study

Location: Northeast section of town

Cost: \$150k, FY 19

- System wide study of the Berneil Water Service area
- Verify reliability and integrity of existing system and identify upgraders and/or improvements
- Known issues of water pressure, water supply, and aging infrastructure



March 9th, 2017

FY2018 TO FY2022 CIP

Lincoln Drive Sidewalks

Location: Lincoln Drive

Cost: \$3m, FY17-20

- Construction of approximately 2 miles of new sidewalk along Lincoln Drive
- Fill in gaps of the sidewalk in existing east/west corridor
- Construction is Federally Funded through a grant (\$2,000,000) in FY2019

56th Street Sidewalks

Location: 56th Street south of Doubletree

Cost: \$100k, FY18

- Fills in a gap near Cherokee Elementary School
- Along the western side of the roadway between Doubletree Ranch Road and Mockingbird Lane



March 9th, 2017

FY2018 TO FY2022 CIP

North Tatum Sidewalks

Location: East side of Tatum at Mountain View

Cost: \$150k, FY20

- Six foot wide colored concrete sidewalk along the east side of Tatum between Doubletree Rach Road and Mountain View
- Current gap in the system in this area
- Work will potentially affect Phoenix right-of-way, and IGA may be necessary

32nd Street Sidewalks

Location: 32nd Street, Stanford to Lincoln

Cost: \$3.15m, FY21-22

- Six foot wide colored concrete sidewalk along the east side of 32nd Street between Stanford Drive and Lincoln Drive
- Significant cut and fill issues along this corridor
- Work will affect Phoenix right-of-way and an IGA will be necessary



March 9th, 2017

FY2018 TO FY2022 CIP

44th Street and Keim

Location: Keim Drive east of Hogan

Cost: \$1.22m, FY18

- The conversion of approximately 2,000 linear feet of overhead primary line in rear yard easements to underground in town right-of-way, including the removal of poles
- This district is comprised of 14 lots.

Denton Lane

Location: Denton Lane east of Palo Cristi

Cost: \$577k, FY 20-21

- Conversion of 1,700 linear feet of overhead primary line in rear yard easements, including the removal of poles
- New trench and conduit in town right-of-way



March 9th, 2017

FY2018 TO FY2022 CIP

40th Street and Lincoln

Location: East of 40th Street, North of Lincoln

Cost: \$3.6m, FY 22-23

- Conversion of approximately 5,000 linear feet of overhead primary line in rear yard easements, including the removal of poles
- New trench and conduit in town right-of-way

Hummingbird Lane / Qtz Mountain

Location: Hummingbird/Qtz Mountain

Cost: \$425k, FY 19

- Construction of drainage improvements including culverts and channels to help convey existing flows from the north side of Mummy Mountain
- Public and Private improvements identified in a 2009 study, further analyzed by town's watershed study



FY2018 TO FY2022 CIP

Berneil Channel Improvements

Location: Berneil Channel north of Doubletree

Cost: \$4m, FY19-20

- Beautification of the existing channel, including the possible addition of recreational opportunities
- Would also analyze the current capacity to see if opportunities exist to increase capacity
- Possible 50% cost share with FCD

Scottsdale Road and Indian Bend

Location: Scottsdale and Indian Bend

Cost: \$4m, FY20-21

- Improvements to the structures crossing Scottsdale Road and Indian Bend
- Left in CIP until completion of watershed study and Ritz project to ensure it is no longer necessary
- If necessary, project assumes cost sharing with Scottsdale and FCD



FY2018 TO FY2022 CIP

Cudia City Wash Crossing at Tatum Blvd

Location: Tatum near Arroyo Verde

Cost: \$3m, FY 21-22

- Installation of box culvert structure to carry Cudia City Wash underneath Tatum Boulevard
- Current low water crossing has to be closed during storm events due to high flows
- Possible 50% cost share with FCD

Indian Bend Wash Crossing at Invergordon

Location: Invergordon Road at Indian Bend Wash

Cost: \$3m, FY 22-23

- Installation of box culvert structure to carry Indian Bend Wash underneath Invergordon Road
- Current low water crossing has to be closed during storm events due to high flows
- Possible 50% cost share with FCD



March 9th, 2017

FY2018 TO FY2022 CIP

McDonald Drive Wash Culvert Extension

Location: McDonald Drive west of Marston

Cost: \$205k, FY22

- The existing north end of the box culvert needs to be extended to allow for a new sidewalk
- Additionally, a guardrail currently creates a lane choke point at this location, and needs to be reconstructed to provide adequate lane width

Waterman Lane Low Water Crossing

Location: Waterman Lane north of White Drive

Cost: \$150k, FY22

- Installation of a new box culvert to allow for low water crossing flows to pass under the roadway
- Major issue addressed is the existing roadway profile, which changes abruptly to accommodate surface flows
- Roadway profile causes larger vehicles to scrape, causing damage to vehicles and the roadway



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FY2018 TO FY2022 CIP

LIBW ADMS Cheney Dr Alt 1

Location: Cheney Watershed

Cost: \$7.5m, FY 22-23

- Implementation of FCD improvements identified in this watershed
- Placeholder until future watershed discussions
- Includes sedimentation basins, storm drains, and other structures
- Possible 50% cost share with FCD

Lincoln Drive (Ritz)

Location: Lincoln Drive, Mockingbird to Town Limits

Cost: \$3m, FY17-18

- Reconstruction of Lincoln Drive between the town limits and Mockingbird Lane to match the General Plan cross section
- As described in the Development Agreement with Five Star
- Includes Lincoln and Tatum turn lane improvements
- Cost share with Five Star, \$1.9m



March 9th, 2017

FY2018 TO FY2022 CIP

Indian Bend (Ritz)

Location: Indian Bend, Mockingbird to Town Limits

Cost: \$1.7m, FY17-18

- Reconstruction of Indian Bend between the town limits and Mockingbird Lane to match the General Plan cross section
- As described in the Development Agreement with Five Star
- Funded by Five Star

Mockingbird (Ritz)

Location: Mockingbird, Lincoln to Northern

Cost: \$5.5m, FY17-18

- Reconstruction of Mockingbird Lane between Lincoln Drive and Northern Avenue to match the General Plan cross section
- Includes medians and full width bike lanes as well as sidewalks
- Roundabouts at Northern, Cheney and Indian Bend
- As described in the Development Agreement with Five Star
- Cost share with Five Star, \$1.8m



March 9th, 2017

FY2018 TO FY2022 CIP

Mockingbird South of Lincoln

Location: Mockingbird south of Lincoln

Cost: \$200k, FY18

- Curb and gutter improvements along the western curb line to address roadway erosion
- Will require several driveway replacements and some sidewalk adjustment

Doubletree

Location: Doubletree, Invergordon to Scottsdale

Cost: \$3.3m, FY18-19

- Reconstruct Doubletree Ranch Road to match the General Plan cross section for a minor arterial
- Includes medians, bike lanes, sidewalks, and landscaping



March 9th, 2017

FY2018 TO FY2022 CIP

Ped/Bike Improvements

Location: Various Locations

Cost: \$500k, FY18-22

- Annual allocation to begin design and construction of projects identified from the Pedestrian / Bicycle Master Plan

Lincoln/64th Realignment

Location: Invergordon and Lincoln

Cost: \$150k, FY19

- Realign the southbound approach of this intersection so there is not longer an offset
- Improves safety and completes the “unfinished” leg of the intersection



March 9th, 2017

FY2018 TO FY2022 CIP

64th Street Medians

Location: Invergordon, McDonald to Chaparral

Cost: \$2.7m, FY19-20

- Reconstruct the roadway to match the General Plan cross section for a Minor Arterial
- Includes medians, bike lanes, sidewalks, and landscaping

Denton Lane Cul De Sac

Location: Denton Lane east of Palo Cristi

Cost: \$150k, FY20

- In conjunction with the Denton Lane SRP Undergrounding project, complete the cul de sac at the terminus of Denton Lane
- Currently there is no cul de sac, vehicles utilize private driveways to turn around



FY2018 TO FY2022 CIP

Highlands Drive Cul De Sac

Location: Highlands Drive and town limits

Cost: \$250k, FY19

- Complete the cul de sac at the terminus of Highlands Drive
- Currently there is no cul de sac, vehicles utilize private driveways to turn around and there are steep grades which makes the area unsafe

45th Street Curbs

Location: 45th Street, McDonald to Valley Vista

Cost: \$100k, FY20

- Removal of existing asphalt curbs and replacement with new concrete curbs
- The existing curbing is failing and will eventually cause roadway erosion issues



FY2018 TO FY2022 CIP

Tatum Blvd Retaining Walls

Location: Tatum between Lincoln and Desert Jewel

Cost: \$400k, FY20

- The design and construction of retaining walls adjacent to sidewalks
- Current cut face is constantly eroding causing debris on the sidewalk
- Further detail to be determined in coordination with the Visually Significant Corridor Study

Mockingbird Lane 56th Street to Invergordon

Location: Mockingbird Lane between 56th Street and Invergordon

Cost: \$3.3m, FY20-21

- Continuation of the Mockingbird cross section identified in the General Plan and implemented between 52nd Street and 56th Street
- Includes medians, bike lanes, sidewalks, and landscaping



March 9th, 2017

FY2018 TO FY2022 CIP

Mountain View

Location: Mountain View, Tatum to 52nd Street

Cost: \$1.1m, FY20-21

- Add medians to the existing roadway to meet the General Plan cross section
- Improve the intersection of Mountain View and Tatum to increase safety

Mini Multi Modal Transportation Site

Location: Doubletree Ranch and Scottsdale Road

Cost: \$500k, FY21

- Design and construction and mini multi-modal transportation site
- Include facilities for parking, bicycles, and a bus stop along Scottsdale Road



FY2018 TO FY2022 CIP

Police Communications Tower

Location: 6842 N Highlands Dr

Cost: \$4.2m, FY16-18

- Design and construction of antenna and associated building for improved radio communication for emergency response

Network Switch Upgrade

Location: Town Hall Complex

Cost: \$150k, FY17-18

- This replacement cycle will provide reliable and expandable networking capabilities to the Town's computer network infrastructure
- Existing equipment does not have replaceable or serviceable parts if there is a failure
- This equipment will also allow the Town to comply with Federal and State network security standards



March 9th, 2017

FY2018 TO FY2022 CIP

Townwide GIS

Location: Town Hall Complex

Cost: \$250k, FY17-18

- In FY 2016, the Town undertook a GIS strategic planning effort to identify key short, medium, and long term prioritized objectives.
- This project will provide consistent GIS information and capabilities for Police, Public Works, Community Development, Utility Billing, and other Town functions.

Telecommunications System Upgrade

Location: Town Hall Complex

Cost: \$320k, FY18

- This phone system upgrade will replace the antiquated telephone system currently in place since 1997.
- Many technological advances since the original installation will facilitate easier integration in to existing systems and restore reliability.
- The Town has outgrown the limited functionality of the existing system.



March 9th, 2017

FY2018 TO FY2022 CIP

Town Owned Cell Tower Sites

Location: Undetermined

Cost: \$425k, FY18

- Installation of cellular sites at various locations throughout town
- Increase in cell reception for town residents
- Implementation of General Plan 8.7-1.12

CAD Enterprise Upgrade

Location: Town Hall Complex

Cost: \$221k, FY18

- Allows us explore ASAP to PSAP
- Enhanced GIS routing and on-scene information availability for first responders
- Enhanced data sharing across platforms, agencies, and external data services
- Ability to take on additional public safety functionality as technology evolves
- Expansion of data reporting and analytics.
- Next Generation 9-1-1 ready



FY2018 TO FY2022 CIP

Town Hall Fiber Connections

Location: Town Hall Complex

Cost: \$150k, FY18

- Fiber connections between Town Hall, Police Department, and Public Works
- Increase speeds from 1gbps to 10gbps
- Replacement of currently failed line between Town Hall and Public Works
- Creation of a fiber ring incase one of the lines fails

Video Detection Upgrades

Location: Signalized Intersections

Cost: \$250k, FY18

- Upgrades to the video detection systems at the twelve town owned signalized intersections
- Existing cameras are causing delays for vehicles
- Existing cameras are past their life expectancy and cause a majority of issues and service calls related to the signals



March 9th, 2017

FY2018 TO FY2022 CIP

Sewer System Assessment

Location: Town owned sewer service area

Cost: \$1.2m, FY17-21

- Per updated IGA with Scottsdale, the completion of the annual five year Paradise Valley sewer assessment done in conjunction with Scottsdale's assessment
- Identifies line issues that need to be addressed such as roots, aging pipe, dips in the lines, etc.



March 9th, 2017

THANK YOU!

Questions?



