

# **CITY OF SHREVEPORT**



## **FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM**

**2019-2023**

## **INTRODUCTION**

The City Charter (Section 7.03) requires that the City of Shreveport prepare a Five-Year Capital Improvements Program as a part of the annual budget process. This document fulfills that requirement.

The Plan provides a snapshot of the projects perceived to be needed over the next five years. It is designed to outline the possible funding sources for those projects and to give a sense of their relative priority.

## **HOW THE PLAN WAS ASSEMBLED**

The Plan was assembled by compiling various master plan documents from the City departments of SPAR, Public Works (Streets & Drainage, and Transportation), Water & Sewer, Fire, and Airports.

## **HOW THE CITY FUNDS CAPITAL PROJECTS**

The City of Shreveport has the following principal sources of capital project funding:

- **General Obligation Bonds.** These are bonds which are secured by general tax revenues. In most cases, these bonds are issued for projects which have been approved by a public vote. The City's most recent General Obligation bond initiative was in 2011 (a \$175 million infrastructure initiative for streets, drainage, parks and public safety projects).
- **General Obligation Notes.** This debt is also backed in some way by general tax revenues, but not necessarily by property tax revenues. Usually, this debt is issued through a quasi-State agency, the Louisiana Community Development Authority. The construction of the Convention Center Hotel and the renovation of Independence Stadium were funded using this mechanism.
- **Revenue Bonds.** These bonds are sold with the pledge that they will be repaid from the revenues of the City's water and sewer system, airports or other dedicated revenue sources. These bonds may be issued without an election, although there are public hearing and notice provisions written into State law that governs these sales. Since the approval of water and sewer rate increases in 2013, the Water & Sewerage Department has issued Revenue Bonds to complete infrastructure repairs mandated by the Environmental Protection Agency and Department of Justice.
- **Federal and State Grants.** Some capital projects are funded in full or in part from grants from other levels of government. Federal assistance usually is involved in airports and transit projects. Community Development Block Grants have been used on a limited basis for projects in lower-income areas. State assistance (usually from the annual Capital Outlay program) may be used to fund projects in a number of categories. State funds have become very hard to obtain in recent years.
- **Local Funds.** The City sometimes puts its own money into capital projects. This may come from water and sewer or airports revenue, from the General Fund (in very limited circumstances), or from the Riverfront Development Fund.

**CITY OF SHREVEPORT  
FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
2019-2023**

**SUMMARY**

	<b>2019 (Year 1)</b>	<b>2020 (Year 2)</b>	<b>2021-2023 (Years 3-5)</b>	<b>FUTURE YEARS</b>
BUILDINGS & ASSEMBLY	6,973,459	22,291,000	24,425,000	41,500,000
ROADWAYS	91,215,732	2,450,000	15,800,000	179,500,000
DRAINAGE	16,567,600	0	0	50,880,000
WATER & SEWER	695,387,067	129,400,000	405,210,000	240,000,000
AIRPORTS	59,617,161	5,035,000	38,166,667	4,141,667
<b>Total</b>	<b>869,761,019</b>	<b>159,176,000</b>	<b>483,601,667</b>	<b>516,021,667</b>

**2019-2023 CAPITAL IMPROVEMENT PROGRAM  
PROGRAM A- BUILDINGS AND IMPROVEMENTS**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>PUBLIC ASSEMBLY FACILITIES RENOVATIONS AND IMPROVEMENTS - Interest Earned, Riverfront, GOB, Private Donations, State Capital Outlay</b>				
Shreveport Convention Center Maintenance (A12001) Funding for a multi-year maintenance program to address capital repair and replacement needs as the building and parking garage ages. This includes major repairs to building systems, replacement of deteriorated finishes, equipment and operational upgrades.	\$0	\$1,550,000	\$750,000	\$5,000,000
Riverfront Buildings Improvements (A97001) (RiverView Hall/Theater, Barnwell Center, Sci-Port). Roof and mechanical equipment repairs/replacements, plumbing, electrical, and cosmetic upgrades (i.e. paint, carpet). Replace and repair deteriorated specialized systems and furnishings/equipment. Provide various operational upgrades to enhance usability. Replace panels on dome at the Barnwell Center.	\$2,076,000	\$1,125,000	\$3,375,000	\$2,000,000
Municipal Auditorium Improvements Replace/restore deteriorated building finishes and theatrical systems. Address building systems repairs and upgrades. Provide various operational upgrades to enhance usability.	\$1,000,000	\$750,000	\$750,000	\$3,000,000
<b>SUBTOTAL</b>	\$3,076,000	\$3,425,000	\$4,875,000	\$10,000,000
<b>OTHER BUILDINGS PROJECTS - Parking Revenue, Interest Earned, Riverfront, GOB, State Capital Outlay, General Fund</b>				
Parking Garage Near RiverView and Barnwell (A11001) Funding for construction of two additional levels to the existing parking structure to alleviate parking congestion during multiple events on the Riverfront. Current funding allows for design and will partially fund construction.	\$0	\$950,000	\$4,000,000	\$0
Downtown City Hall Maintenance (A12002) Funding for a multi-year maintenance program to address capital repair and replacement needs as the building and parking garage ages. This includes major repairs to building systems, replacement of deteriorated finishes, and equipment replacements.	\$436,000	\$250,000	\$250,000	\$2,500,000
Police Facilities Maintenance and Improvements Includes a new police headquarters facility and all police facility needs. Additional funding for the multi-year maintenance program to address capital repair and replacement needs as these facilities age. This includes major repairs to building systems, replacement of deteriorated finishes, equipment and operational upgrades.	\$0	\$8,000,000	\$2,000,000	\$2,500,000
Energy Management Replacement of various building systems and equipment identified in completed energy audits.	\$0	\$1,000,000	\$1,000,000	\$3,000,000
Event Services Warehouse With the lease of Expo Hall to Stageworks, SPAR's Event Services Division has been without adequate, climate controlled storage for much of its equipment. This project will purchase property and construct an approximately 150,000sf conveniently located storage facility that would assist event operations and protect the City's investment in its equipment.	\$0	\$1,416,000	\$0	\$0
Downtown Parking Garage This project is to acquire property and construct a multi-level parking garage to serve new development in Downtown.	\$2,000,000	\$1,000,000	\$1,000,000	\$2,000,000
<b>SUBTOTAL</b>	\$2,436,000	\$12,616,000	\$8,250,000	\$10,000,000
<b>SUBTOTAL</b>	\$5,512,000	\$16,041,000	\$13,125,000	\$20,000,000

**2019-2023 CAPITAL IMPROVEMENT PROGRAM  
PROGRAM B- RECREATION IMPROVEMENTS**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>PUBLIC ASSEMBLY FACILITIES RENOVATIONS AND IMPROVEMENTS - Interest Earned, Riverfront, GOB, Private Donations, State Capital Outlay</b>				
<b>Cargill Park Football/Soccer Complex Expansion &amp; Development</b> Expansion of the soccer complex including grading, lighting, fencing, rest room/concession buildings, drives and parking, irrigation, turf and landscaping.		\$1,000,000	\$3,000,000	\$1,000,000
<b>South Shreveport Metro (Southern Hills) Park Ball Field Renovations</b> Major improvements and renovations including grading, lighting, fencing, rest room/concession buildings, drives and parking, irrigation, turf and landscaping		\$2,000,000		
<b>RiverView Park Indoor Family Aquatic Center [East]</b> Construction of a 20,000 square foot indoor water park with water slides, wave pool, water playground, lazy river, and seating areas and a 6,000 square foot ticketing, snack bar, changing room, event building, and parking, including acquisition and clean-up of the UP railroad yard site.				\$10,000,000
<b>SUBTOTAL</b>	\$0	\$3,000,000	\$3,000,000	\$11,000,000
<b>OTHER RECREATION PROJECTS - Parking Revenue, Interest Earned, Riverfront, GOB, State Capital Outlay, General Fund</b>				
<b>Fern Avenue Path Extension</b> Construct a path along Fern Avenue and/or Bayou Pierre from 70th Street north to Pierremont Road, approximately 1 mile long, with amenities such as benches, trash receptacles, signage, distance markers and shelters. This project is related to the Fern Avenue Path Renovation project above and the Fern/Gilbert/Marshall Complete Street project below.			\$800,000	
<b>Fern Ave./Gilbert St./Marshall St. "Complete Street" Downtown Connector (DOS/SPAR/Sportran)</b> Provide a safe and convenient bicycle route from Pierremont Avenue north along Fern Avenue/Gilbert Street/Marshall Street to downtown with a combination of lane restriping for wide outside lanes or bike lanes, bicycle obstruction removal, sidewalk work, transit stop improvements, landscaping, and signage. This 4.25 mile project would be a combination DOS/SPAR/SporTran project.			\$500,000	
<b>Cross Bayou/12 Mile Bayou Linear Park</b> Construct a path along the south bank of Cross Bayou and 12-Mile Bayou from the Clyde Fant Parkway to Paul Lynch Park. Approx. length: 3.67 miles.			\$500,000	\$2,000,000
<b>Shreveport Common</b> Implement the 2011 Shreveport Common Vision Plan, including planning, property acquisition, demolition, infrastructure, construction, landscaping, public art, signage, lighting and leveraging private and other public funding. The Short Term funding amount is an order of magnitude estimate.	\$1,204,459	\$1,000,000		\$5,000,000
<b>Shreveport Common Cultural District Park</b> Acquire property, design, and construct a park or parks in the Shreveport Common Cultural District. The site for the signature park, The (Caddo) Common, has been identified and property acquisition is underway. Other park sites may be acquired and developed as implementation of the 2011 Shreveport Common Vision Plan proceeds.	\$165,000		\$4,000,000	\$500,000
<b>Recreational Paths and Trails</b> Improve and construct recreational paths and trails, including design services, grant matching, trail amenities and signage. Design and construct multiple fishing piers and nature observation decks/trails.	\$92,000	\$250,000	\$1,000,000	\$2,000,000
<b>City Wide Playground/Exercise Equipment Upgrade Project</b> Implement a plan throughout the city to remove dated playground equipment and provide cutting edge play structures and outdoor exercise equipment to promote both inclusive play and a healthy lifestyle.	\$0	\$2,000,000	\$1,000,000	\$500,000

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>PUBLIC ASSEMBLY FACILITIES RENOVATIONS AND IMPROVEMENTS - Interest Earned, Riverfront, GOB, Private Donations, State Capital Outlay</b>				
<b>City Wide Security Camera Installation</b> Install additional cameras and improve security in and around all facilities.	\$0	\$500,000	\$500,000	\$500,000
SUBTOTAL	\$1,461,459	\$3,250,000	\$8,300,000	\$10,500,000
<b>TOTAL PROGRAM B</b>	\$1,461,459	\$6,250,000	\$11,300,000	\$21,500,000

EXECUTIVE BUDGET

**2019-2023 CAPITAL IMPROVEMENT PROGRAM  
PROGRAM C**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>YOUREE DRIVE / KINGS HIGHWAY INTERSECTION IMPROVEMENTS</b> This project improves the intersection of Youree Drive and East Kings Highway by providing additional through traffic lanes. (1989 GOB, 1993 GOB, 2003 GOB)	\$1,445,900			
<b>GREENWOOD ROAD AT PINES ROAD INTERSECTION</b> This project would improve the intersection of Greenwood Road and Pines Road by providing adequate turn lanes on Greenwood Road (1983 GOB, Urban Arterial)	\$250,000			
<b>CONCRETE STREET IMPROVEMENTS</b> Provides funds to repair concrete street panels.(1999 GOB, 2003 GOB)	\$2,900,000			\$15,000,000
<b>BRIDGE REPLACEMENT PROGRAM</b> This project allows the City to repair or replace inadequate bridges at several locations throughout the City (1983 GOB, 1993 GOB, 1996 GOB, 1996 GOB, 1999 GOB, 2003 GOB)	\$2,551,000	\$1,000,000		\$3,000,000
<b>I-49 / MURPHY STREET / TEXAS AVENUE CORRIDOR IMPROVEMENTS</b> This project allows for the improvement o the Murphy Street Overpass over the KCS Railroad.	\$100,000			
<b>LANDSCAPING PROJECT ON I-49</b> Provides funds to landscape various locations 49. Likely locations between I-20 and I-49, and Burt Kouns Industrial Loop (1993 GOB, Convention/Tourist, Urban Arterial)	\$844,300			
<b>SIDEWALK PROGRAM AND CURB CUTS</b> This project funds the removal and repair of sidewalks in various locations around the City. (1999 GOB, 2001 GOB, 2003GOB, 2011 GOB, Private Donations)	\$6,295,000			\$3,000,000
<b>GIS MAP DEVELOPMENT</b> Funds the continuing development of the City's Geographic Information System (GIS).(1997 GOB, 1999 GOB, 2001 GOB, 2003 GOB)	\$2,895,000			\$5,000,000
<b>NEIGHBORHOOD STREET IMPROVEMENTS</b> This project funds street improvements in various neighborhoods around Shreveport.(1999 GOB, 2001 GOB, 2003 GOB, Private Donations)	\$7,322,400			\$15,000,000
<b>STREET PROJECTS FOR ECONOMIC DEVELOPMENT - 2001 BONDS</b> This project provides for improvements to various streets in Shreveport for economic purposes.(2001 GOB, 2003 GOB)	\$2,573,000			\$5,000,000
<b>STREET LIGHTING - 2001 BONDS</b> Funds the installation of new and upgraded street lights throughout the City. (1996 GOB, 1999 GOB, 2001 GOB, 2003GOB)	\$1,104,100			\$2,000,000
<b>RAILROAD CROSSING IMPROVEMENTS - 2001 BONDS</b> Funds crossing, lighting and signage improvements to improve safety at numerous railroad crossings throughout the City. (2001 GOB, 2003 GOB)	\$1,000,000	\$500,000		\$1,000,000
<b>CNG FILL STATION AT SOLID WASTE</b> The scope of this project is to construct a CNG fill station that would serve both city vehicles and general public.(State Grant, General Fund, Riverfront Fund)	\$1,765,740			
<b>INNER LOOP EXTENSION</b> The scope of this project will begin the required corridor study for the extension of the Inner Loop. (1999 GOB, 2001 GOB)	\$498,048			

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>KNIGHT STREET IMPROVEMENTS</b> This project allows for the improvement of Knight Street from Shreveport Barksdale Highway to Preston Street. (2011 GOB)	\$4,153,383			
<b>CITYWIDE STREET IMPROVEMENT PROGRAM</b> This project funds street improvements in various neighborhoods around Shreveport.(2011 GOB)	\$20,810,000			\$20,000,000
<b>LSU HEALTH SCIENCE CENTER STREETScape</b> To fund the engineering work necessary for future improvements to the three following streets: Kings Highway running east to west between Interstate 49 and Linwood Avenue; Linwood Avenue running north and south between Kings Highway and Woodrow Street and Samford Avenue running north to south between Kings Highway and Jennings Street.(2001 GOB)	\$590,000			\$9,250,000
<b>PAVEMENT MANAGEMENT SYSTEM</b> This project is to collect roadway asset information and evaluate the condition of the roadway systems and prepare a pavement condition index rating for the City roadway system in the City of Shreveport (Street Special Revenue Fund)	\$650,000	\$350,000		\$500,000
<b>MINOR ARTERIAL ASPHALT PROGRAM</b> The scope of work is to perform roadway improvements on the following asphalt surfaced minor arterials in the City of Shreveport (Street Special Revenue Fund)	\$10,435,000			
<b>COLLECTOR ROADWAY ASPHALT PROGRAM</b> The scope of work is to perform roadway improvements on the following asphalt surfaced collector roadways in the City of Shreveport (Street Special Revenue Fund)	\$15,625,171			
<b>LAKE STREET RAILROAD CROSSINGS IMPROVEMENTS</b> This project was created to create a no-blow or Quiet Zone at the crossing of the UPRR and Lake Street. It was determined that the process would take two to three years and would cost in excess of \$700,000	\$200,000	\$600,000		
<b>BUNCOMBE ROAD WIDENING (3 LANES)</b> - West 70th to Bert Kouns This project would widen and improve Buncomb Road				\$3,300,000
<b>SOUTH LAKESHORE DRIVE WIDENING (3 LANES)</b> Curtis Lane to Lakeshore This project would widen and improve South Lake shore Drive				\$4,900,000
<b>KINGSTON ROAD WIDENING</b> - Crabapple Drive to Williamson Way This project would widen and improve Kingston Road				\$3,900,000
<b>PINES ROAD IMPROVEMENTS</b> - West 70th to Buncombe Road This project would widen and improve Pines Road				\$3,300,000
<b>ELLERBE ROAD WIDENING-</b> Flournoy Lucas to Norris Ferry This project would widen and improve Ellerbe Road. The improvements would include intersection improvements at Norris Ferry Road.				\$4,100,000
<b>LINWOOD AVENUE-</b> 70th to Bert Kouns This project would reconstruct and improve Linwood Avenue.	\$3,200,000		\$12,000,000	
<b>LINWOOD AVENUE WIDENING</b> - Bert Kouns to City Limits This project would widen and improve Linwood Avenue			\$3,800,000	



PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>STONER AVENUE OVERPASS IMPROVEMENTS</b> This project would remove and replace this critically rated structure.				\$4,500,000
<b>LINWOOD AVENUE OVERPASS IMPROVEMENTS</b> This project would remove and replace this critically rated structure.				\$16,000,000
<b>KINGS HIGHWAY AT HEARNE</b> This project would improve the intersection by realigning the intersection and adding turn lanes where required.				\$2,000,000
<b>LINE AVENUE AT OCKLEY DRIVE</b> This project would improve the intersection by realigning the intersection and adding turn lanes where required.				\$1,500,000
<b>HOLLYWOOD AT MANSFIELD ROAD</b> This project would improve the intersection by realigning the intersection and adding turn lanes where required.				\$2,250,000
<b>CITYWIDE INTERSECTION IMPROVEMENTS</b> This project would improve the intersection by realigning the intersection and adding turn lanes where required.				\$5,000,000
<b>TRAFFIC SIGNAL PROGRAM (INTELLIGENT TRANSPORTATION PROGRAM)</b> This project would improve the intersection by upgrading and installing intelligent traffic signal systems.				\$50,000,000
<b>LINE AVENUE TURN LANES</b> This project would improve the intersection at Line Ave and Hulcee St by providing turn lane and traffic signals.	\$600,000			
<b>CONCRETE PANEL REPLACEMENT</b> This project would replace failed concrete panels in the roadway system.	\$1,982,690			
<b>PAVEMENT RESTORATION AND PATCHING</b> This project would restore the road after other Departments excavate the road.	\$200,000			
<b>RAVENDALE AT OLD MOORINGSPOUR ROAD INTERSECTION</b> This project would improve the intersection at Ravendale and Old Mooringsport Rd. All cost is paid by LA DOTD. The city would pay to buy property and to cover in-house cost.	\$25,000			
<b>FERN AVENUE AND EAST 70TH IMPROVEMENTS</b> This project would improve on Fern Ave and East 70th Street by providing turn lanes.	\$1,200,000			
<b>TOTAL</b>	\$91,215,732	\$2,450,000	\$15,800,000	\$179,500,000

**2019-2023 CAPITAL IMPROVEMENT PROGRAM  
PROGRAM D**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>YOUREE DRIVE DRAINAGE</b> This project will improve the storm water collection system on Youree Drive between Carrolton Street and Southfield Road and will construct an outfall pipe between Southfield Road and Sand Beach Bayou (1996 GOB, 1997 GOB, 1998 GOB, 19999 GOB))	\$3,000,000			
<b>CITY-WIDE DRAINAGE - 2011 BONDS</b> : This project continues the City's practice of using bond funds for projects which are relatively small (\$200,000 or less, generally), but which are beyond the capabilities of the City's maintenance forces. This project also includes addressing any safety issues with the drainage system. (2011 GOB)	\$3,266,056			\$4,500,000
<b>PAVED DITCH REPAIRS - 2011 BONDS</b> : This project continues the City plan which implements a systematic program of channel maintenance, including slab replacement, headwall construction and other items to extend the life of the paved drainage system and improve system capacity. (2011 GOB)	\$1,381,848			\$3,000,000
<b>PURCHASE OF FLOOD-PRONE PROPERTIES, 2011 BONDS</b> : This project allows the City to continue purchasing flood-prone properties when this has been determined to be the best way to resolve drainage & flooding problems.(2011 GOB)	\$2,935,752			\$3,000,000
<b>OCKLEY DITCH IMPROVEMENTS</b> This project has funded improvements to the Ockley Ditch channel from Normandy Village at Fairfield and Ratcliff (the confluence of Ockley ditch and St. Vincent Lateral to Southern Avenue.(2011 GOB)	\$3,000,000			
<b>PUBLIC INFRASTRUCTURE PROJECT – 900 BLOCK OF TRAVIS STREET</b> The scope of the project is to fund improvements to the Public Infrastructure Project – 900 Block of Travis Street. (1999 GOB, EDA Grant)	\$1,983,944			
<b>MASTER DRAINAGE PLAN UPDATE</b> - The scope of the project is to update the master drainage plan for the City of Shreveport including policies and safety. (2011 GOB)	\$1,000,000			
<b>UPGRADE TO FEMA FLOOD MAPS - ZONE A</b> This project will determine Base Flood Elevations for all of the Zone A Special Flood Harzard Areas.				\$850,000
<b>ACADIANA DITCH PAVING - STONEBRIAR TO PRESTONWOOD</b> The scope of the project is to fund improvements to the Acadiana Place ditch.				\$3,000,000
<b>100 OAKRIDGE DRAINAGE</b> The scope of the project is to fund improvements to the Forbing Woods by improving the drainage from Oakridge to Flournoy Lucas Road.				\$3,000,000
<b>3800 WEST COLLEGE DRAINAGE</b> The scope of this project is to provide additional subsurface drainage to aid the existing system.				\$650,000
<b>GILMER BAYOU DITCH REPAIRS AT QUAIL RIDGE BRIDGE</b> The scope of the project is to fund improvements to Gilmer Bayou at Quail Ridge to resolve erosion problems.				\$450,000
<b>JEWELLA AND TATE DRAINAGE IMPROVEMENTS</b> The scope of this project is to provide subsurface drainage which will tie into an existing system on Jewella to aid localized drainage issues.				\$550,000
<b>BAXTER/DENTON STREET DRAINAGE</b> The scope of the project is to fund improvements to the Denton Street area by providing an outfall to resolve local drainage flooding.				\$300,000
<b>ALBERT STREET DRAINAGE - YOUREE TO ANNISTON</b> The scope of the project is to fund improvements to improve the drainage from the intersection of Anniston to Youree Drive.				\$1,100,000

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>BERT KOUNS BOX CULVERT - TOWN SOUTH APARTMENTS TO SAND BEACH BAYOU</b> The scope of the project is to fund improvements to improve the drainage outfall from Town South Apartments and the commercial district to Sand Beach Bayou.				\$1,500,000
<b>NORRIS-FERRY DRAINAGE (5 PHASES)</b> The scope of the project is to fund improvements to improve localized flooding in the Norris Ferry Area.				\$2,700,000
<b>BAYWOOD DRIVE</b> The scope of this project is to address localized drainage problems with a subsurface system that will outfall into an open ditch.				\$300,000
<b>EARTHEN DITCH FROM TREVOR DR. TO BERT KOUNS</b> The scope of the project is to fund improvements to improve the drainage from Trevor Drive to Bert Kouns near Cromwell Drive (Newcastle Area).				\$750,000
<b>FERNWOOD/VALLEYVIEW DITCH PAVING</b> The scope of the project is to fund improvements to improve the drainage from Westwood Elementary School to the Airport Ditch.				\$1,350,000
<b>GREEN TERRACE DITCH - ARDIS TAYLOR TO GIVENS MOBILE HOME PARK AREA</b> The scope of the project is to fund improvements to pave the earthen channel from Ardis Taylor to Givens Mobile Home Park.				\$1,100,000
<b>WINTER GARDEN DITCH PAVING</b> The scope of the project is to fund improvements to pave the earthen channel from Winter Garden to an improved outfall to resolve localized flooding problems.				\$675,000
<b>SUMMER GROVE DITCH REPAIRS - BAIRD RD. TO WILLIAMSON WAY</b> The scope of the project is to fund improvements to repair the paved channel from Baird Road to Williamson Way.				\$1,300,000
<b>BROOKWOOD DITCH - HAWTHORNE DRIVE CROSSINGS</b> The scope of the project is to fund improvements to improve the box culvert crossing of Hawthorne and Acacia over the Brookwood Ditch.				\$400,000
<b>100 ARCHER DRAINAGE</b> The scope of this project is to build a box culvert along Archer after subsurface drainage has been added on Youree Drive.				\$860,000
<b>7100 GREENLEAF DRAINAGE (2 PHASES)</b> The scope of this project is to pave earthen channels to improve drainage in the area.				\$1,175,000
<b>BROADACRES ROAD AND WESTWOOD DRIVE DRAINAGE</b> The scope of the project is to fund improvements to improve the drainage from Westwood Drive to El Rancho.				\$900,000
<b>JUDY LANE AT WATERCREST DRIVE DRAINAGE</b> The scope of the project is to fund improvements to resolve erosion control problems at Judy Lane and Watercrest.				\$350,000
<b>NORTH HIGHLANDS AREA DRAINAGE</b> The scope of the project is to fund improvements to improve localized flooding in the North Highlands Area.				\$850,000
<b>REDSTONE DITCH PAVING</b> The scope of the project is to fund improvements to pave the earthen channel from Hilry Huckaby to Downing Street				\$980,000
<b>MLK DITCH PAVING - UPSTREAM OF LINEAR</b> The scope of the project is to fund improvements to pave the earthen channel from Linear Street to Willis Street.				\$1,610,000
<b>MLK DITCH PAVING - JONES-MABRY TO NORTH OF WILLIS</b> The scope of the project is to fund improvements to pave the earthen channel from Jones Mabry to Willis Street.				\$5,000,000
<b>JONES-MABRY LATERAL DITCH PAVING</b> The scope of the project is to fund improvements to pave the Jones-Mabry Lateral earthen channel which flows into the the MLK Ditch.				\$1,840,000
<b>MCADOO/CORONADO/BIRCH/NORMANDIE DRAINAGE</b> The scope of this project is to provide subsurface drainage for the area which will outfall into an open ditch.				\$1,100,000
<b>1818 BOOKER T. WASHINGTON DRAINAGE</b> The scope of this project is to address a localized drainage issue and route the drainage between some homes.				\$250,000
<b>2300 LESLIE DRAINAGE</b> The scope of this project is to divert and collect runoff to correct a local drainage issue.				\$140,000

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>PIERREMONT PARK DITCH - GILBERT LATERAL</b> This project is to reduce flooding at 70th Street & Creswell Road and Oak Hill Circle.				\$1,500,000
<b>6965 BUNCOMBE ROAD DITCH</b> The scope of this project is to pave an existing earthen channel to facilitate better drainage in the area.				\$1,100,000
<b>TYNE DRIVE/LYTHAM</b> The scope of this project is to improve the drainage near the intersection of Tyne and Lytham by constructing a ditch from the terminus of Tyne to Gilmer Bayou.				\$550,000
<b>CRESCENT &amp; GILBERT DRAINAGE</b> The scope of this project is to collect runoff from the Crescent & Gilbert intersection with subsurface drainage and have an outfall into Bayou Pierre.				\$500,000
<b>CHEROKEE PARK DITCH</b> The scope of this project is to clean an existing ditch.				\$1,700,000
<b>TOTAL</b>	\$16,567,600	\$0	\$0	\$50,880,000

**2019-2023 CAPITAL IMPROVEMENT PROGRAM  
PROGRAM E**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>Backflow Preventers - Water Distribution System;</b> This project funds the installation of backflow prevention/detection equipment and other improvements to help the City monitor the water distribution system. This project also supports maintenance of the City's hydraulic water model. (2000 A W&S Revenue Bonds, 2014 A W&S Revenue Bonds, Water & Sewer Revenues, EPA Grant)	\$4,479,755	\$0	\$0	\$0
<b>Amiss WTP Improvements – 2005 Bonds;</b> This project is a major upgrade of the City's Amiss Water Treatment Plant. Work will involve improvements to Plant 1 Basins 1-6 , improvements to the Plant 2 flocculation and sedimentation basins, new electrical switchgear, an auxiliary power system for the plant, improvements to the high and low service pumps, improvements to the caustic feed systems and maintenance of the spillway and dam. (1993 B W&S Revenue Bonds, 1994 A W&S Revenue Bonds, 2005 W&S Revenue Bonds, 2014 A W&S Revenue Bonds, 2010 DHH Grant, Water & Sewer Revenues)	\$23,549,555	\$0	\$0	\$0
<b>Amiss Water Treatment Plant - Plant 2E Rehabilitation;</b> Project consists of repairing and rehabilitating 40 MGD Plant 2E including structural work, equipment repair and replacement, electrical, Supervisory Control and Data Acquisition (SCADA), basin waterproof coatings and other related improvements. Second project consists of New Caustic feed system for Plants 1, 2, and 2E. (2011 GOB – Proposition 1)	\$12,200,000	\$0	\$0	\$0
<b>Twelve Mile Bayou Pump Station - Pumping Improvements;</b> Project to replace existing pumps, raw water screens, electrical equipment, controls, SCADA and other related improvements. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1, 2014 B W&S Revenue Bonds, 2015 W&S Revenue Bonds)	\$10,605,300	\$0	\$0	\$0
<b>I-49 and LA-3132 Landscaping Interchanges;</b> This project will support design and construction of water main extensions to service irrigation systems at I-49 and LA-3132 interchanges in conjunction with the State project. (1994 A W&S Revenue Bonds)	\$300,000	\$0	\$0	\$0
<b>Cross Lake Dam Erosion Control;</b> This project consists of the repair work on the downstream of the Cross Lake Dam Spillway. (2014 B W&S Revenue Bonds)	\$3,000,000	\$0	\$0	\$0
<b>Water System Master Plan;</b> This project is a Capital Improvements Plan for water treatment and water distribution and will build upon recently completed work as well as previous Master Plans. This project also includes an inventory of the water distribution system assets throughout the City and updates to the current City Geographic Information System (GIS) data features for water assets. (2014 B W&S Revenue Bonds)	\$2,000,000	\$0	\$0	\$0
<b>Amiss WTP Ozone Design;</b> This project is the design of an Ozone System Upgrade at the Amiss Water Treatment Facility including new ozone equipment, piping and controls. (2014 B W&S Revenue Bonds)	\$33,500,000	\$0	\$0	\$0
<b>City-Wide Water Improvements;</b> This project consists of design and construction for the rehabilitation and replacement of deteriorated and aging, undersized water mains, as well as new mains to serve additional growth Citywide. (2014 A/B W&S Revenue Bonds, 2015 W&S Revenue Bonds, 2017 W&S Revenue Bonds)	\$14,720,000	\$0	\$30,000,000	\$100,000,000
<b>Gas Generator Project;</b> Install natural gas generators at Inner Loop and McNeil Pump Stations and St. Vincent Elevated Tank. (Listed in order of priority)	\$0	\$1,500,000	\$0	\$0
<b>Replace SCADA Equipment;</b> Replace SCADA computers and touch screen controls at 24 filter sites. (Listed in order of priority)	\$0	\$500,000	\$0	\$0
<b>70th and Pines Pumping Station Modifications;</b> New pumps, piping and valves. (Listed in order of priority)	\$0	\$0	\$6,200,000	\$0

**2019-2023 CAPITAL IMPROVEMENT PROGRAM  
PROGRAM E**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>Fire Prevention Improvements Project;</b> Improve/upgrade the fire protection levels throughout the City to maintain its Class 1 Fire Rating. (Listed in order of priority)	\$0	\$0	\$3,300,000	\$0
<b>System-Wide Tank Cleaning, Repair and Repainting;</b> Clean, repair and paint existing water distribution system storage tanks. (Listed in order of priority)	\$0	\$0	\$3,000,000	\$0
<b>Amiss Water Treatment Plant - New High Service Pumps;</b> New high service pumps for additional pumping capacity. (Listed in order of priority)	\$0	\$0	\$3,000,000	\$0
<b>QS AA-52 &amp; BB-52 Water Main Improvements;</b> Approx. 12000 LF water main upsize in QS AA-52 & BB-52 (Streets including Michel, Caroline, Alma, Belmont, Joplin, Ridgemoor, Doris, Earl, State) (Listed in order of priority)	\$0	\$0	\$1,950,000	\$0
<b>West Canal from Hollywood to 70th WM Project;</b> 5700 LF 12" water main replacement. (Listed in order of priority)	\$0	\$0	\$1,575,000	\$0
<b>Audrey, Falcon Loop, Towers, Aline, and Thatcher Streets Water Main Improvements;</b> 5000 - 7000 LF of 8" water main Audrey from MLK to Doll, Falcon Loop from Hawkins to Towers, Towers from Montana to Hawkins, Aline from Sampson to Northside, Thatcher from Airport to EOL. (Listed in order of priority)	\$0	\$0	\$1,260,000	\$0
<b>Southern Ave from Jordan to St.Vincent Water Improvements;</b> 7000 LF 16" water main replacement. (Listed in order of priority)	\$0	\$0	\$1,260,000	\$0
<b>Amiss Valve Program;</b> Valve and Main Replacement Program at Amiss WTF. (Listed in order of priority)	\$0	\$0	\$1,000,000	\$0
<b>Replace Chlorine Dioxide Generation System at Amiss WTF;</b> Replace chlorine dioxide generation system at Amiss. (Listed in order of priority)	\$0	\$0	\$500,000	\$0
<b>Amiss Carbon Feed System;</b> Replace Carbon Feed System at Amiss WTF. (Listed in order of priority)	\$0	\$0	\$200,000	\$0
<b>Amiss Electric Actuators;</b> Replace/Upgrade electric actuators throughout Amiss WTF. (Listed in order of priority)	\$0	\$0	\$200,000	\$0
<b>TOTAL</b>	\$104,354,610	\$2,000,000	\$53,445,000	\$100,000,000

**2019-2023 CAPITAL IMPROVEMENT PROGRAM  
PROGRAM F**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>Broadmoor Lift Station Improvements;</b> This project is to replace equipment, piping, valves, controls and SCADA for the existing Broadmoor Lift Station. The replacement items include three sewerage pumps and motors, magnetic flow meter, bar screen, all required piping, valves and tie-ins. This project also includes odor control. (2005 W&S Revenue Bonds, 2010 DEQ State Revolving Loan Program)	\$3,560,000	\$0	\$0	\$0
<b>Lucas Lift Station Improvements;</b> This project is to replace equipment, piping, valves, controls and SCADA for the existing Lucas Lift Station. The replacement items include three sewerage pumps and motors, magnetic flow meter, bar screen, all required piping, valves and tie-ins. This project also includes odor control. (2005 W&S Revenue Bonds, 2010 DEQ State Revolving Loan Program)	\$5,469,300	\$0	\$0	\$0
<b>Cross Lake Watershed Sewer Improvements;</b> Project is to inspect and recommend improvements at lift stations located in the Cross Lake Watershed. Project is partially funded by a grant from EPA. (2005 W&S Revenue Bonds, EPA Grant, 2010 DEQ State Revolving Loan Program, 2014 B W&S Revenue Bonds)	\$1,915,700	\$0	\$0	\$0
<b>SSES and Master Plan Project;</b> The scope of this project is to provide assistance to the City in ongoing efforts and negotiations related to the Consent Decree with the Environmental Protection Agency (EPA) and the Department of Justice (DOJ) and complete a Sanitary Sewer Assessment (formerly titled Sanitary Sewer System Evaluation Survey) and Wastewater Master Plan Program that will meet the criteria and schedule established from the negotiations. (2005 W&S Revenue Bonds, 2013 W&S Rev Notes - DEQ, 2011 GOB – Proposition 1, 2014 B W&S Revenue Bonds, 2015 W&S Revenue Bonds)	\$39,568,828	\$5,000,000	\$15,000,000	\$5,000,000
<b>Broadmoor Sewer Outfall 48" Sewer Main Rehabilitation;</b> The scope of this project is for rehabilitation of the Broadmoor Sewer Outfall. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1)	\$5,231,872	\$0	\$0	\$0
<b>Cedar Grove Trunk Main Repair;</b> The scope of this project is for rehabilitation of the Cedar Grove Trunk Main. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1)	\$6,253,600	\$0	\$0	\$0
<b>Wallace Force Main Replacement;</b> The scope of this project is for rehabilitation and replacement of portions of the Wallace Force Main. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1, 2016 W&S Revenue Bonds)	\$8,423,400	\$2,500,000	\$9,000,000	\$0
<b>Stoner Force Main Replacement;</b> The scope of this project is for the rehabilitation and replacement of portions of the Stoner Force Main. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1, 2016 W&S Revenue Bonds)	\$9,600,000	\$4,000,000	\$25,000,000	\$0
<b>Lucas and North Regional WWTP Improvements;</b> The scope of this project is for miscellaneous improvements at the Lucas and North Regional Wastewater Treatment Plants. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1, 2014 B W&S Revenue Bonds, 2015 W&S Revenue Bonds)	\$15,897,728	\$0	\$0	\$30,000,000
<b>Citywide Sewer Rehabilitation;</b> The scope of this project is for sewer system improvements City Wide. Project will also include overall Program Management and equipment/services related to the Consent Decree effort. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1, 2014 B W&S Revenue Bonds, 2014 C W&S Revenue Bonds, 2015 W&S Revenue Bonds, 2016 W&S Revenue Bonds, 2018 W&S Revenue Bonds)	\$62,903,605	\$5,000,000	\$10,000,000	\$10,000,000
<b>City-Wide Lift Station Rehabilitation;</b> The scope of this project is for rehabilitation of select lift stations throughout the City. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1, 2014 B W&S Revenue Bonds, 2015 W&S Revenue Bonds, 2018 W&S Revenue Bonds)	\$7,844,000	\$5,000,000	\$10,000,000	\$5,000,000
<b>Cedar Grove Force Main Replacement;</b> The scope of this project is for the rehabilitation and replacement of portions of the Cedar Grove Force Main. (2014 GOB – Proposition 1)	\$4,000,000	\$3,000,000	\$24,000,000	\$0
<b>Huntington Lift Station;</b> This project is to replace and upgrade the existing equipment, electrical and controls for the Huntington Lift Station. This project will also include, amongst other upgrades and modifications, adjustment to grade and structures at the Lift Station based on FEMA flood maps, installing a new driveway from Shreve Parkway, fence modifications, installing new gates, repairs and cleanup to the existing levee and pond structure. (2014 GOB – Proposition 1)	\$1,000,000	\$0	\$0	\$0
<b>Southern Hills Interceptor;</b> The scope of this project is for the rehabilitation and replacement of portions of the Southern Hills Interceptor. (2014 GOB – Proposition 1)	\$2,000,000	\$1,900,000	\$8,000,000	\$0
<b>Wallace Interceptor;</b> The scope of this project is for the rehabilitation and replacement of portions of the Wallace Interceptor. (2014 GOB – Proposition 1)	\$5,250,000	\$3,000,000	\$24,000,000	\$0

**2019-2023 CAPITAL IMPROVEMENT PROGRAM  
PROGRAM F**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>West S'port Lift Station;</b> This project is to design the replacement and upgrade of existing equipment, electrical and controls for the West Shreveport Lift Station. This project will also include adjustment to grade and structures at the lift station based on FEMA flood maps, driveway replacement at the Lift Station and around the pond, fence and gate replacement, repairs and cleanup to the existing levee and pond structure. This project will install a new access road to the station. (2014 GOB – Proposition 1)	\$1,000,000	\$0	\$0	\$0
<b>W&amp;S Field Operations Facility Improvements;</b> This project includes the purchase of property, engineering services for a plan study and design/construction of a new facility and facility upgrades to accommodate a Field Operations and W&S Administration offices. (2014 B W&S Revenue Bonds)	\$3,500,000	\$13,000,000	\$0	\$0
<b>City-Wide Capacity Improvements;</b> This project consists of the capacity upgrades and replacement for City-wide deteriorated and aging sewer infrastructure and supports design and construction in consideration of the hydraulic model. (2016 W&S Revenue Bonds)	\$8,000,000	\$20,000,000	\$100,000,000	\$20,000,000
<b>Sanitary Sewer Assessment - Phase I;</b> This project consists of design and construction for the rehabilitation and replacement of deteriorated and aging, undersized sewer mains and manholes as identified in Sanitary Sewer Assessment - Phase I. (2014 B W&S Revenue Bonds, 2014 C W&S Revenue Bonds, 2015 W&S Revenue Bonds, 2016 DEQ SRF, 2016 W&S Revenue Bonds, 2017 W&S Revenue Bonds)	\$209,763,991	\$0	\$0	\$0
<b>Sanitary Sewer Assessment - Phase II;</b> This project consists of design and construction for the rehabilitation and replacement of deteriorated and aging, undersized sewer mains and manholes as identified in Sanitary Sewer Assessment - Phase II. (2015 W&S Revenue Bonds, 2016 W&S Revenue Bonds, 2017 W&S Revenue Bonds)	\$132,836,254	\$0	\$0	\$0
<b>Sanitary Sewer Assessment - Phase III;</b> This project consists of design and construction for the rehabilitation and replacement of deteriorated and aging, undersized sewer mains and manholes as identified in Sanitary Sewer Assessment - Phase III. (2016 W&S Revenue Bonds, 2018 W&S Revenue Bonds)	\$51,872,059	\$60,000,000	\$0	\$0
<b>Sanitary Sewer Assessment - Phase IV;</b> This project consists of design and construction for the rehabilitation and replacement of deteriorated and aging, undersized sewer mains and manholes as identified in Sanitary Sewer Assessment - Phase IV. (Listed in order of priority)	\$0	\$5,000,000	\$35,000,000	\$0
<b>Sanitary Sewer Assessment - Phase V;</b> This project consists of design and construction for the rehabilitation and replacement of deteriorated and aging, undersized sewer mains and manholes as identified in Sanitary Sewer Assessment - Phase V. (Listed in order of priority)	\$0	\$0	\$70,000,000	\$70,000,000
<b>Biosolids Facility Modifications;</b> New biosolids facility including new dewatering equipment and sludge drying equipment. (Listed in order of priority)	\$5,000,000	\$0	\$3,000,000	\$0
<b>Lucien Fields Regional Lift Station;</b> . To expand the capacity of the lift station at Lucien Fields Subdivision so that it can be used for collection and conveyance of sewage from other developments in the region (2018 W&S Revenue Bonds)	\$142,120	\$0	\$0	\$0
<b>Lucas Wastewater Treatment Plant Flow Equalization Basin Improvements;</b> Repair to existing flow equalization basins. (Listed in order of priority)	\$0	\$0	\$6,000,000	\$0
<b>North Regional Wastewater Treatment Plant Flow Equalization Basin Repairs;</b> Repair to existing flow equalization basins. (Listed in order of priority)	\$0	\$0	\$4,515,000	\$0
<b>Emergency Generators for Lucas and North Regional Wastewater Treatment Plants;</b> New auxiliary power units. (Listed in order of priority)	\$0	\$0	\$3,150,000	\$0
<b>Southern Trace Lift Station;</b> Full station rehabilitation. Replace controls, pumps, VFD's, MCC, crane, valves, piping and service disconnects; install SCADA and new fencing. (Listed in order of priority)	\$0	\$0	\$3,000,000	\$0
<b>New Control and Communication Panels - Citywide;</b> Replace or upgrade control panels and SCADA communication panels. (Listed in order of priority)	\$0	\$0	\$2,100,000	\$0
<b>TOTAL</b>	<b>\$591,032,457</b>	<b>\$127,400,000</b>	<b>\$351,765,000</b>	<b>\$140,000,000</b>



**2019-2023 Capital Improvement Program  
PROGRAM H**

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>Airfield Drainage Repair (H13003)</b> Description: This project is to provide drainage improvements at Shreveport Regional Airport. Funding: FAA & LADOTD	\$5,750,000	\$2,000,000		
<b>Airfield Guidance Sign Replacement (H13006)</b> Description: This project funds consulting activities and replacement of airfield directional signs and regulators at Shreveport Regional Airport. Funding: LADOTD	\$6,000,000	\$2,000,000	\$1,000,000	
<b>Part 150 Noise Compatibility Plan Study (H14001)</b> Description: This project funds consulting activities needed to complete a new Part 150 study at Shreveport Regional Airport. Funding: FAA & LADOTD	\$500,000			
<b>Improve Runway 32 RPZ (H14003)</b> Description: This project will design and construct improvements to the Runway Protection Zone area to ensure it is mowable by Airport personnel at Shreveport Regional Airport. Funding Source: LADOTD	\$730,000			
<b>Express Jet Repairs (H14008)</b> Description: This project will deplete the Express Jet Reserve fund to make required repairs to former Express Jet hangars at Shreveport Regional Airport. Funding: Express Jet Reserve Fund & SAA	\$5,000,000			
<b>Airport Sustainability Plan (H15005)</b> Description: This project will study ways to continue long term development needs of both SHV and DTN Airports. Funding Source: FAA & LADOTD	\$550,000			
<b>Jet Bridge Program (H16002)</b> Description : This project is to replace and refurbish up to three jet bridges at Shreveport Regional Airport. Funding Source: SAA	\$1,100,000			
<b>Check Point Consolidation (H16003)</b> Description: This project is to reduce the number of checkpoints at Shreveport Regional Airport from two to one. Funding Source: SAA	\$800,000			
<b>Remediation of Taxiway Alpha-SHV (H16005)</b> Description: This project funds the remediation of Taxiway Alpha and provide a pavement rehabilitation solutions at Shreveport Regional Airport. Funding Source: SAA	\$450,000			
<b>Ext. Runway 6/24 &amp; Taxiway C-SHV (H16007)</b> Description: This project funds design and construction of the extension of Runway 6 and Taxiway C at Shreveport Regional Airport. Funds: FAA & LADOTD	\$13,350,000			
<b>Master Plan Update Phase II (H17001)</b> Description: This project is to update the ALP and terminal development plan for Shreveport Regional Airport. Funds: FAA & LADOTD	\$350,000			
<b>ATC-Relocation-SHV (H17003)</b> Description: This project funds design and construction of relocating the Air Traffic Control Tower at Shreveport Regional Airport. Funds: FAA & LADOTD & SAA	\$800,000		\$20,000,000	
<b>Terminal and Concourse Modernization (H17004)</b> Description: This project funds design and construction of terminal and concourse modernization improvements at Shreveport Regional Airport. Funds: SAA	\$2,025,000			
<b>Runway 14/32 Pavement Preservation (17H005)</b> Description: This project will provide for the construction of the sealcoat and other improvements of Runway 14/32 at Downtown Airport. Funding Source: LADOTD	\$1,500,000			
<b>Security Enhancements Phase II (17H013)</b> Description: The project will consist of an overall system-wide assessment to identify potential enhancements and upgrades needed at Shreveport Regional Airport. Funds: FAA & LADOTD	\$2,000,000			
<b>SHV Roof Renovation Projects (18H002)</b> Description: This project will support the maintenance, rehabilitation and replacement of roof structures at Shreveport Regional Airport. Funding: SAA	\$1,000,000			
<b>Rehab South Apron and Shade Port (13H007)</b> Description: This project funds design and construction to replace failing asphalt at the Downtown Airport at the south aircraft parking apron and shade ports at Downtown Airport. Funding: LADOTD	\$1,150,000			

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>Runway 14-32 Rehabilitation (14H005)</b> Description: This project will provide for the construction of the sealcoat and other improvements of Runway 14-32 at Downtown Airport. Funding: FAA & LADOTD	\$2,500,000			
<b>Rehab of Taxiways G, H, P &amp; R Phase I Design (14H006)</b> Description: This project will design the rehabilitation of the following Taxiways G,H,P & R at Downtown Airport. Funding: LADOTD	\$202,161			
<b>Obstruction Mitigation- Runway 32 DTN (15H002)</b> Description: This project will remove obstructions from the Runway 32 approach area at Downtown Airport. Funding: LADOTD	\$75,000			
<b>Runway 5/23 Extension (H17007)</b> Description: This project will accomplish the widening and extension of Runway 5/23. The extension will enable larger aircraft to access the airport and provide increased traffic and economic well-being at the airport. This project includes environmental, design, and construction and will be phased over multiple years at Downtown Airport. Funding Source: FAA & LADOTD	\$8,515,000		\$9,200,000	
<b>Security Fencing (17H008)</b> Description this project is to upgrade the fence from 4' to 8' along airport perimeter at Downtown Airport. Funding Source: LADOTD	\$120,000			
<b>Rehabilitate Northwest Ramp (17H010)</b> Description: This project will provide for a new landing option on the Red River. The north property would be altered to provide for a waterway taxi area, relocate the roadway to accommodate aircraft parking for aircraft on floats. This will be the second water landing area in the Southwest Region Nation Plan of Integrated Airport Systems (NPIAS) at Downtown Airport. Funding Source: LADOTD	\$400,000			
<b>DTN Airport Army Reserve Bldg. Renovation (17H014)</b> Description: This project will allow for the growth of SUSLA's Airframe and Power Plan Program at the Downtown Airport. Funding Source: SAA & Other Funding	\$1,200,000			
<b>Runway 14/32 Rehabilitation-DTN (18H001)</b> Description: This project will replace current pavement with new asphalt to eliminate cracks and holes on the primary runway at the Downtown Airport. Funding Source: LADOTD	\$450,000	\$385,000	\$5,000,000	
<b>T-hangar 10 set</b> Description: This project will provide for 3 sets of 10 new T-hangars for a total of 30. This will alleviate the growing waiting list for aircraft to be based at the Downtown Airport. Funding Source: LADOTD			\$600,000	\$600,000
<b>Sea Plane Lane and Taxiway Design</b> Description: This project will provide for a new landing option on the Red River. The north property would be altered to provide for a waterway taxi area, relocate the roadway to accommodate aircraft parking for aircraft on floats. This will be the second water landing area in the Southwest Region Nation Plan of Integrated Airport Systems (NPIAS) at Downtown Airport. Funding Source: FAA & LADOTD			\$166,667	\$166,667
<b>Taxiway B &amp; Taxi lane GA Phase 3 (H19002)</b> Description: This project will remove and replace asphalt on Taxiway B at Shreveport Regional Airport, which is the second primary taxiway at the airport. Funding Source: FAA & LADOTD	\$2,400,000			
<b>Parking Lot Expansion (H19001)</b> Description: This project will consist of expanding the long term parking area at Regional Airport, allowing for more parking space and covered parking Funding Source: SAA	\$600,000			
<b>Terminal Ramp Improvements (19004)</b> Description: This project will provide for a rehabilitation of the asphalt and for panel repair on the concrete portions of the ramp. This project is needed to fix areas that are highly utilized for transient aircraft parking to prevent Foreign Object Debris (FOD damage) at Downtown Airport. Funding Source: LADOTD		\$500,000		
<b>PAPI Replacement (H19005)</b> This project will consist of removal of outdated Precision Approach Path Indicator (PAPI) and installation of new system Funding Source: LADOTD & SAA	\$100,000			
<b>Northside Access Roads DTN (Design &amp; Construction)</b> Description: This project will provide for a dedicated roadway around the north side of the airport which will eliminate vehicles from driving on the aircraft movement areas. This will increase safety by separating aircraft and vehicle traffic while connecting the new taxiway system to the existing roadway at Downtown Airport. Funding Source: LADOTD			\$100,000	\$675,000

PROJECT	2019	2020	2021-2023	FUTURE YEARS
<b>Runway 14/32 &amp; 5/23 Lighting Led/Solar Upgrade</b> Description: This project will replace existing lighting with a new solar and LED system on both of the runways with a battery back up. The goal of this project will drastically reduce the amount of energy being used by the Airport and reduce overall operating costs at Downtown Airport. Funding Source: LADOTD			\$200,000	\$2,700,000
<b>New Taxiway S</b> This project will consist of design and construction of new taxiway at Shreveport Downtown Airport Funding Source: LADOTD		\$150,000	\$800,000	
<b>ARFF Suits</b> This project will consist of replacement of Aircraft Rescue and Firefighting Suits for the Shreveport Regional Airport Fire Station Funding Source: FAA & LADOTD			\$100,000	
<b>ARFF Vehicle</b> This project will consist of purchasing a new Aircraft Rescue and Firefighting truck for the Shreveport Regional Airport Fire Station Funding Source: FAA & LADOTD			\$1,000,000	
<b>Concourse C Ramp Rehab</b> This project consist of mill and overlay of the pavement on the Concourse C ramp at Shreveport Regional Airport Funding Source: FAA & LADOTD			\$2,160,000	
<b>TOTAL</b>	\$59,617,161	\$5,035,000	\$38,166,667	\$4,141,667