

CITY OF SHREVEPORT



FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM

2021-2025

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

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.

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

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SUMMARY

	2021 (Year 1)	2022 (Year 2)	2023-2025 (Years 3-5)	FUTURE YEARS
BUILDINGS & ASSEMBLY	53,725,569	10,062,000	9,312,000	62,000
ROADWAYS	113,494,275	11,850,000	30,000,000	207,193,000
DRAINAGE	12,620,988	4,500,000	9,000,000	32,600,000
WATER & SEWER	812,387,066	98,200,000	494,600,000	501,000,000
TRAFFIC	7,625,300	3,800,000	3,200,000	4,400,000
AIRPORTS	68,055,000	500,000	18,625,000	55,300,000
Total	1,067,908,198	128,912,000	564,737,000	800,555,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

PROGRAM A

PROJECT	2021	2022	2023-2025	FUTURE YEARS
PUBLIC ASSEMBLY FACILITIES RENOVATIONS AND IMPROVEMENTS - Interest Earned, Riverfront, GOB, Private Donations, State Capital Outlay				
Riverfront Buildings Improvements (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.	\$ 2,075,964.00	\$3,000,000	\$1,000,000	\$0
Festival Site Development This project constructed a new Festival Plaza along Crockett Street from Market Street east to the Fant Parkway. It was necessary because casino development required the space formerly used for numerous public festivals and gatherings. Work included the renovation of the old Illinois Central railroad station on the site.	\$ 8,390,600.00	\$0	\$0	\$0
Industrial Park Infrastructure This project funds infrastructure improvements at any of the City's industrial parks as needed for industrial prospects or existing industries.	\$ 536,500.00	\$0	\$0	\$0
Ledbetter Heights Land Banking This project allows the City to purchase properties within the Ledbetter Heights area for redevelopment.	\$ 1,800,000.00	\$0	\$0	\$0
SPAR Arts Center Replacement This project provides for a facility to replace the building at SPAR's Princess Park that was destroyed by arson fire. The facility is intended to provide operational space for community groups whose purpose it is to develop, nurture, produce, present, promote, and educate the public about all disciplines of art. The facility will also provide a creative work venue for emerging visual artists in the area.	\$ 3,862,500.00	\$0	\$0	\$0
Intermodal Bus Facility This project will provide for the design and construction of an intermodal bus facility on Murphy Street at the intersection of the City's two major interstate systems, I-20 and I-49. The new facility, which will provide for relocation of the Greyhound Bus Terminal from Downtown, will also provide facilities for SporTran and other transportation entities.	\$ 5,812,844.00	\$0	\$0	\$0

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PROGRAM A (continued)

<p>Parking Garage Near Riverview and Barnwell This project will provide for the construction of two additional floors on the parking garage at Milam Street and Clyde Fant Parkway, which was originally designed to accommodate additional levels.</p>	\$ 300,000.00	\$0	\$3,000,000	\$0
<p>Shreveport Convention Center Maintenance 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.</p>	\$ 1,550,000.00	\$3,500,000	\$0	\$0
<p>Downtown City Hall Maintenance 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.</p>	\$ 1,436,068.00	\$0	\$0	\$0
<p>Shreveport Convention Center Hilton Hotel Maintenance This project provides for the implementation of a multi-year maintenance program at the Shreveport Convention Center Hilton Hotel.</p>	\$ 1,225,200.00	\$0	\$0	\$0
<p>New Fire Station #14 This project will fund purchase of land and property relative to Fire Station #14</p>	\$ 183,251.00	\$0	\$0	\$0
<p>Downtown Parking Enhancements This project will allow for the additional, updated wayfinding signage, bicycle locks mounted to meter poles and other small projects designed to improve parking in downtown.</p>	\$ 450,000.00	\$0	\$0	\$0
<p>New Fire Station #8 This project will construct a new Fire Station #8 to replace the old, outdated and outgrown station.</p>	\$ 2,380,216.00	\$0	\$0	\$0
<p>Energy Efficiency Program The scope of this project is to replace various City electrical components with new, energy efficient ones. The City hopes to be approved to move forward with refrigerant replacement as well in future years.</p>	\$ 655,223.00	\$500,000	\$500,000	\$0
TOTAL	\$30,658,366	\$7,000,000	\$4,500,000	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

PROGRAM B

PROJECT	2021	2022	2023-2025	FUTURE YEARS
Riverfront Park Extension This project provides funds for the acquisition of the Cross Bayou frontage east of Common Street.	\$6,102,200	\$0	\$0	\$0
Independence Stadium Capital Repairs and Improvements Provides funds to repair major stadium systems and provide improvements as funds become available from stadium revenues.	\$4,122,693	\$62,000	\$62,000	\$62,000
Salvation Army/Fairgrounds Park Improvements Demolish pool and bath house, construct a neighborhood playground in conjunction with the new Salvation Army Boys and Girls Club that shares the park site.	\$250,000	\$0	\$0	\$0
Cargill Park Ballfield Complex Renovations Major improvements and renovations to the softball/baseball field complexes.	\$4,100,000	\$0	\$1,000,000	\$0
Querbes Golf Pro Shop and Locker Rooms ADA Replacement of the pro shop, locker rooms, snack bar, cart barn with ADA-compliant facilities.	\$1,360,000	\$0	\$0	\$0
Airport Park Community Center, Outdoor Recreation and ADA Building system and cosmetic renovations including painting, flooring, lighting, etc. Additional funding needed for building addition.	\$704,000	\$0	\$2,000,000	\$0
Shreveport Common 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.	\$1,204,459	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

PROGRAM B (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
Murphy Street Park Acquire property and construct a small park on Murphy Street, near Alabama Avenue.	\$220,000	\$0	\$0	\$0
Choice Neighborhood Park Acquire property for and construct an expansion of C.C. Antoine Park into the Heritage Place development in the "Choice Neighborhoods" planning area.	\$1,280,375	\$1,000,000	\$1,000,000	\$0
Shreveport Common Cultural District Park Acquire property, design, and construct a park or parks in the Shreveport Common Cultural District (additional funding needed for multiple phases.)	\$2,665,000	\$2,000,000	\$0	\$0
Bill Cockrell Park Outdoor Recreation Renovations including playground renovation and path, drive and parking area overlays, replace the swimming pool bath house, and add a water playground.	\$700,000	\$0	\$0	\$0
Highland Park Renovation Park renovations including playground renovations, path and parking area overlays, and tennis court surfacing. (Additional funds needed for restroom facility.)	\$198,191	\$0	\$750,000	\$0
Valencia Spray Park Construction of a new water playground feature in Valencia Park.	\$160,285	\$0	\$0	\$0
TOTAL	\$23,067,203	\$3,062,000	\$4,812,000	\$62,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

PROGRAM C

PROJECT	2021	2022	2023-2025	FUTURE YEARS
YOUREE DRIVE / KINGS HIGHWAY INTERSECTION IMPROVEMENTS 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	\$0	\$0	\$0
GREENWOOD ROAD AT PINES ROAD INTERSECTION 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	\$0	\$0	\$0
CONCRETE STREET IMPROVEMENTS Provides funds to repair concrete street panels. (1999 GOB, 2003 GOB)	\$2,900,000	\$0	\$0	\$15,000,000
BRIDGE REPLACEMENT PROGRAM 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	\$0	\$3,000,000
LANDSCAPING PROJECT ON I-49 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	\$0	\$0	\$0
SIDEWALK PROGRAM AND CURB CUTS 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	\$0	\$0	\$3,000,000
GIS MAP DEVELOPMENT Funds the continuing development of the City's Geographic Information System (GIS). (1997 GOB, 1999 GOB, 2001 GOB, 2003 GOB)	\$2,895,000	\$0	\$0	\$5,000,000
NEIGHBORHOOD STREET IMPROVEMENTS This project funds street improvements in various neighborhoods around Shreveport. (1999 GOB, 2001 GOB, 2003 GOB, Private Donations)	\$7,322,400	\$0	\$0	\$15,000,000
STREET PROJECTS FOR ECONOMIC DEVELOPMENT This project provides for improvements to various streets in Shreveport for economic purposes. (2001 GOB, 2003 GOB)	\$2,573,000	\$0	\$0	\$5,000,000
STREET LIGHTING Funds the installation of new and upgraded street lights throughout the City. (1996 GOB, 1999 GOB, 2001 GOB, 2003GOB)	\$1,104,100	\$0	\$0	\$2,000,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

PROGRAM C (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
RAILROAD CROSSING IMPROVEMENTS 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	\$0	\$1,000,000
CNG FILL STATION AT SOLID WASTE 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	\$0	\$0	\$0
INNER LOOP EXTENSION The scope of this project will begin the required corridor study for the extension of the Inner Loop. (1999 GOB, 2001 GOB)	\$498,048	\$0	\$0	
KNIGHT STREET IMPROVEMENTS This project allows for the improvement of Knight Street from Shreveport Barksdale Highway to Preston Street. (2011 GOB)	\$5,315,600	\$0	\$0	
CITYWIDE STREET IMPROVEMENT PROGRAM This project funds street improvements in various neighborhoods around Shreveport. (2011 GOB)	\$20,810,000	\$0	\$0	\$20,000,000
LSU HEALTH SCIENCE CENTER STREETScape 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	\$0	\$0	\$9,250,000
RAVENDALE AT OLD MOORINGSport ROAD INTERSECTION 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	\$0	\$0	\$0
PAVEMENT MANAGEMENT SYSTEM 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	\$0	\$500,000
MINOR ARTERIAL ASPHALT PROGRAM 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	\$0	\$0	\$0
FERN AVENUE AND EAST 70TH IMPROVEMENTS This project would improve on Fern Ave and East 70th Street by providing turn lanes.	\$1,200,000	\$0	\$0	\$0

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PROGRAM C (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
I-49 / MURPHY STREET / TEXAS AVENUE CORRIDOR IMPROVEMENTS This project allows for the improvement to the Murphy Street Overpass over the KCS Railroad.	\$100,000	\$0	\$0	\$0
LAKE STREET RAILROAD CROSSINGS IMPROVEMENTS 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	\$0	\$0	\$0
LINE AVENUE TURN LANES This project would improve the intersection at Line Ave and Hulcee St by providing turn lane and traffic signals.	\$600,000	\$0	\$0	\$0
COLLECTOR ROADWAY ASPHALT PROGRAM 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	\$0	\$0	\$0
CONCRETE PANEL REPLACEMENT This project would replace failed concrete panels in the roadway system.	\$1,982,690	\$0	\$0	\$0
LINWOOD AVENUE RECONSTRUCTION – PHASE II This project is to reconstruct Linwood Avenue from Gravois Drive to Mount Zion Road	\$1,762,926	\$0	\$0	\$0
LINWOOD AVENUE RECONSTRUCTION – PHASE III This project is to reconstruct Linwood Avenue from Mount Zion Road to W 84th Street. The city with 20 percent match leverages the federal funds.	\$6,625,000	\$0	\$0	\$0
LINWOOD AVENUE RECONSTRUCTION – PHASE IV This project is to reconstruct Linwood Avenue from W 84th Street to W 70th Street.	\$6,625,000	\$0	\$0	\$0
CITY OF SHREVEPORT HIGH PRIORITY SYSTEM PRESERVATION PROGRAM The scope of this project is to improve city wide collector and higher street. The city with 20 percent match leverages the federal funds.	\$9,503,400	\$0	\$0	\$0
BUNCOMBE ROAD WIDENING (3 LANES) West 70th to Bert Kouns This project would widen and improve Buncombe Road. The city with 20 percent match leverages the federal funds.	\$0	\$0	\$0	\$27,193,000
SOUTH LAKESHORE DRIVE WIDENING (3 LANES) Curtis Lane to Lakeshore This project would widen and improve South Lake shore Drive	\$0	\$0	\$0	\$4,900,000
KINGSTON ROAD WIDENING Crabapple Drive to Williamson Way This project would widen and improve Kingston Road	\$0	\$0	\$0	\$3,900,000
PINES ROAD IMPROVEMENTS West 70th to Buncombe Road This project would widen and improve Pines Road	\$0	\$0	\$0	\$3,300,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

PROGRAM C (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
ELLERBE ROAD WIDENING Flournoy Lucas to Norris Ferry This project would widen and improve Ellerbe Road. The improvements would include intersection improvements at Norris Ferry Road.	\$0	\$0	\$0	\$4,100,000
LINWOOD AVENUE WIDENING Bert Kouns to City Limits This project would widen and improve Linwood Avenue	\$0	\$0	\$0	\$3,800,000
STONER AVENUE OVERPASS IMPROVEMENTS This project would remove and replace this critically rated structure.	\$0	\$0	\$0	\$4,500,000
LINWOOD AVENUE OVERPASS IMPROVEMENTS This project would remove and replace this critically rated structure.	\$0	\$0	\$0	\$16,000,000
KINGS HIGHWAY AT HEARNE This project would improve the intersection by realigning the intersection and adding turn lanes where required.	\$0	\$0	\$0	\$2,000,000
LINE AVENUE AT OCKLEY DRIVE This project would improve the intersection by realigning the intersection and adding turn lanes where required.	\$0	\$0	\$0	\$1,500,000
HOLLYWOOD AT MANSFIELD ROAD This project would improve the intersection by realigning the intersection and adding turn lanes where required.	\$0	\$0	\$0	\$2,250,000
CITYWIDE INTERSECTION IMPROVEMENTS This project would improve the intersection by realigning the intersection and adding turn lanes where required.	\$0	\$0	\$0	\$5,000,000
TRAFFIC SIGNAL PROGRAM (INTELLIGENT TRANSPORTATION PROGRAM) This project would improve the intersection by upgrading and installing intelligent traffic signal systems.	\$0	\$0	\$0	\$50,000,000
PAVEMENT RENEWAL AND REPLACEMENT This project includes city overlay program, panel replacement and reconstruction of streets that are beyond repair.	\$0	\$10,000,000	\$30,000,000	\$0
TOTAL	\$113,494,275	\$11,850,000	\$30,000,000	\$207,193,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program D

PROJECT	2021	2022	2023-2025	FUTURE YEARS
YOUREE DRIVE DRAINAGE 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, 1999 GOB)	\$3,000,000	\$0	\$0	\$0
CITY-WIDE DRAINAGE 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)	\$3,646,473	\$0	\$0	\$0
PAVED DITCH REPAIRS 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	\$0	\$0	\$0
PURCHASE OF FLOOD-PRONE PROPERTIES 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, FEMA Grants 4263 and 1792)	\$3,592,677	\$0	\$0	\$0
MASTER DRAINAGE PLAN UPDATE The scope of the project is to update the master drainage plan for the City of Shreveport including policies and safety.	\$1,000,000	\$0	\$0	\$0
CITY-WIDE DRAINAGE IMPROVEMENTS This project continues the City's practice of using bond funds for the assessment, design, and construction of various drainage capital projects, to repair or replace aging infrastructure, improve system capacity, and address city-wide drainage issues. The City's drainage system consists of earthen channels, paved channels and gutters, subsurface drainage, and storage areas.	\$0	\$3,000,000	\$9,000,000	\$0
SOUTHERN AVENUE DRAINAGE REPLACEMENT The scope of the project is to fund replacement of the drainage system along Southern Avenue from Jacobs Street to College Street.	\$0	\$1,500,000	\$0	\$0
FORBING WOODS DRAINAGE IMPROVEMENTS The scope of the project is to fund improvements to the drainage system in Forbing Woods Subdivision (near Wallace Lake Rd. and Flournoy Lucas Rd.)	\$0	\$0	\$0	\$3,000,000
NORTH HIGHLANDS AREA DRAINAGE The scope of the project is to fund improvements to improve localized flooding in the North Highlands Area.	\$0	\$0	\$0	\$1,500,000
QUEENSBOROUGH DRAINAGE IMPROVEMENTS The scope of the project is to fund improvements to the drainage system in Queensborough (Leslie St., Stonewall St., Portland Ave., Marion St.)	\$0	\$0	\$0	\$1,500,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program D (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
EARTHEN DITCH FROM TREVOR DR. TO BERT KOUNS - The scope of the project is to fund improvements to the earthen channel from Trevor Drive to Bert Kouns near Cromwell Drive (Newcastle Area).	\$0	\$0	\$0	\$1,500,000
COOPER ROAD DITCH (MLK DITCH) IMPROVEMENTS - WILLIS TO McCAIN CREEK - The scope of the project is to fund improvements to the earthen channel from Willis Street to McCain Creek.	\$0	\$0	\$0	\$9,950,000
AIRPORT DITCH IMPROVEMENTS - The scope of the project is to fund improvements to the earthen channel from Valley View Drive to Brush Bayou.	\$0	\$0	\$0	\$1,500,000
BRUSH BAYOU - MANSFIELD RD. TO WYNGATE BLVD. - The scope of the project is to fund improvements to the earthen channel from Mansfield Road to Wyngate Blvd.	\$0	\$0	\$0	\$6,450,000
SUMMER GROVE PAVED DITCH REPAIRS - BAIRD RD. TO WILLIAMSON WAY - The scope of the project is to fund improvements to repair the paved channel from Baird Road to Williamson Way.	\$0	\$0	\$0	\$6,450,000
REDSTONE DITCH IMPROVEMENTS - The scope of the project is to fund improvements to the earthen channel from Hilry Huckaby III Avenue to Downing Street.	\$0	\$0	\$0	\$750,000
Total:	\$12,620,998	\$4,500,000	\$9,000,000	\$32,600,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program E

PROJECT	2021	2022	2023-25	FUTURE YEARS
Backflow Preventers - Water Distribution System 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
Amiss WTP Improvements 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
Amiss Water Treatment Plant - Plant 2E Rehabilitation; 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
Twelve Mile Bayou Pump Station - Pumping Improvements 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
I-49 and LA-3132 Landscaping Interchanges; 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
Cross Lake Dam Erosion Control 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

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program E (continued)

PROJECT	2021	2022	2023-25	FUTURE YEARS
Water System Master Plan 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
Amiss WTP Ozone Design 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)	\$36,500,000	\$0	\$0	\$0
City-Wide Water Improvements 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)	\$12,720,000	\$0	\$0	\$0
City-Wide Water Renewal, Replacement, Repair and Improvements	\$0	\$41,000,000	\$123,000,000	\$205,000,000
PROGRAM E TOTAL	\$105,354,610	\$41,000,000	\$123,000,000	\$205,000,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program F

PROJECT	2021	2022	2023-25	FUTURE YEARS
<p>Broadmoor Lift Station Improvements 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)</p>	\$3,560,000	\$0	\$0	\$0
<p>Lucas Lift Station Improvements 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)</p>	\$5,469,300	\$0	\$0	\$0
<p>Cross Lake Watershed Sewer Improvements 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)</p>	\$1,915,700	\$0	\$0	\$0
<p>SSES and Master Plan Project The scope of this project is to provide assistance to the City in on-going 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, 2016 W&S Revenue Bonds, 2018 W&S Revenue Bonds)</p>	\$49,568,828	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program F (continued)

PROJECT	2021	2022	2023-25	FUTURE YEARS
<p>Broadmoor Sewer Outfall 48" Sewer Main Rehabilitation The scope of this project is for rehabilitation of the Broadmoor Sewer Outfall. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1)</p>	\$5,231,872	\$0	\$0	\$0
<p>Cedar Grove Trunk Main Repair The scope of this project is for rehabilitation of the Cedar Grove Trunk Main. (2011 GOB – Proposition 1, 2014 GOB – Proposition 1)</p>	\$6,253,600	\$0	\$0	\$0
<p>Wallace Force Main Replacement 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)</p>	\$8,423,400	\$0	\$0	\$0
<p>Stoner Force Main Replacement 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)</p>	\$9,600,000	\$0	\$0	\$0
<p>Lucas and North Regional WWTP Improvements 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)</p>	\$18,897,728	\$0	\$0	\$0
<p>Citywide Sewer Rehabilitation 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)</p>	\$74,903,605	\$0	\$0	\$0
<p>City-Wide Lift Station Rehabilitation 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)</p>	\$8,844,000	\$0	\$0	\$0
<p>Cedar Grove Force Main Replacement The scope of this project is for the rehabilitation and replacement of portions of the Cedar Grove Force Main. (2014 GOB – Proposition 1)</p>	\$4,000,000	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program F (continued)

PROJECT	2021	2022	2023-25	FUTURE YEARS
<p>Huntington Lift Station 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)</p>	\$1,000,000	\$0	\$0	\$0
<p>Southern Hills Interceptor The scope of this project is for the rehabilitation and replacement of portions of the Southern Hills Interceptor. (2014 GOB – Proposition 1)</p>	\$2,000,000	\$0	\$0	\$0
<p>Wallace Interceptor The scope of this project is for the rehabilitation and replacement of portions of the Wallace Interceptor. (2014 GOB – Proposition 1)</p>	\$5,250,000	\$0	\$0	\$0
<p>West S’port Lift Station 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)</p>	\$1,000,000	\$0	\$0	\$0
<p>W&S Field Operations Facility Improvements 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)</p>	\$15,500,000	\$0	\$0	\$0
<p>City-Wide Capacity Improvements 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)</p>	\$9,000,000	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program F (continued)

PROJECT	2021	2022	2023-25	FUTURE YEARS
Sanitary Sewer Assessment - Phase I 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)	\$209,763,990	\$0	\$0	\$0
Sanitary Sewer Assessment - Phase II 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)	\$137,836,254	\$0	\$0	\$0
Sanitary Sewer Assessment - Phase III 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)	\$21,872,059	\$0	\$0	\$0
Lucien Fields Regional Lift Station 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
Sludge Farm Facility Improvements The project is to Design the necessary improvements for the sludge processing plant. Large processing equipment is in need of repair/replacement, and the plant's piping/conveyors need to be properly sized to handle the load and capacity for the belt presses. Other small improvement will also improve efficiency. (2018 W&S Rev Bonds)	\$2,000,000	\$0	\$0	\$0
Sanitary Sewer Assessment - Phase IV 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) (2018, 2019 W&S Revenue Bonds)	\$5,000,000	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program F (continued)

PROJECT	2021	2022	2023-25	FUTURE YEARS
City Wide Sewer Infrastructure Engineering design and construction of multiple projects including repairs, rehabilitation, and/or replacement of failing critical sewer infrastructure city wide. As determined by 2020 Priority of Critical Infrastructure Analysis report by the Program Management Consultant and City of Shreveport. Including support services needed to manage Critical Infrastructure Projects. (2018, 2019 W&S Revenue Bonds)	\$100,000,000	\$0	\$0	\$0
City-Wide Sewer Renewal, Replacement, Repair and Improvements This project would be the annual work needed to keep a reliable utility system.	\$0	\$57,200,000	\$171,600,000	\$296,000,000
Phase 3 Consent Decree RMP This project will make the improvements needed in Phase 3 of the Consent Decree.	\$0	\$0	\$200,000,000	\$0
TOTAL	\$707,032,456	\$57,200,000	\$371,600,000	\$296,000,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program G

PROJECT	2021	2022	2023-2025	FUTURE YEARS
TRAFFIC SIGNAL SYSTEM IMPROVEMENTS This project involves improvements to the City's computerized traffic signal system which meets today's standards for centrally-controlled intelligent transportation systems. (1990 GOB, 1993 GOB, 1998 GOB, 2003 GOB)	\$7,500,300	\$0	\$0	\$0
PHASE I Signal Rehabilitation Rehabilitation of signals along Jewella Avenue. Installation of Fiber optic communication along entire route. Connection to existing fiber at I-20. Back-up power generators, ITS equipment installation, and emergency-vehicle preemption.	\$0	\$3,800,000	\$0	\$0
PHASE II Signal Rehabilitation Rehabilitation of signals along Hollywood Avenue/Pierremont/Southfield. Installation of fiber-optic communication along route with connections at 3132/I-20 Interchange, Jewella, and Youree Drive. Back-up power generators, ITS equipment installation, and emergency-vehicle preemption.	\$0	\$0	\$3,200,000	\$0
PHASE III Signal Rehabilitation Rehabilitation of signals along Line Avenue from 70th Street to I-20. Installation of fiber-optic communication along route with connections at Youree, Jewella, and I-20. Back-up power generators, ITS equipment installation, and emergency-vehicle preemption.	\$0	\$0	\$0	\$2,600,000
Phase IV Signal Rehabilitation Rehabilitation of signals along Lakeshore Drive. Installation of fiber-optic communication along route. . Connection to existing fiber at I-20 and I-220. Back-up power generators, ITS equipment installation, and emergency-vehicle preemption.	\$0	\$0	\$0	\$1,800,000
Traffic Control Signal at Southern Loop and Wallace Lake Road Installation of a new traffic control signal at Southern Loop and Wallace Lake Road.	\$125,000	\$0	\$0	\$0
TOTAL	\$7,625,300	\$3,800,000	\$3,200,000	\$4,400,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program H

PROJECT	2021	2022	2023-2025	FUTURE YEARS
Airfield Drainage Repair (H13003) Description: This project is to provide drainage improvements at Shreveport Regional Airport. Funding: FAA & LADOTD	\$5,750,000	\$0	\$0	\$0
Jet Bridge Program (H16002) Description: This project is to replace and refurbish up to three jet bridges at Shreveport Regional Airport. Funding Source: SAA	\$1,100,000	\$0	\$0	\$0
Check Point Consolidation (H16003) Description: This project is to reduce the number of checkpoints at Shreveport Regional Airport from two to one. Funding Source: SAA	\$800,000	\$0	\$0	\$0
Ext. Runway 6/24 & Taxiway C-SHV (H16007) 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	\$0	\$0	\$0
ATC-Relocation-SHV (H17003) Description: This project funds design and construction of relocating the Air Traffic Control Tower at Shreveport Regional Airport. Funds: FAA & LADOTD & SAA	\$800,000	\$0	\$8,000,000	\$0
Terminal and Concourse Modernization (H17004) Description: This project funds design and construction of terminal and concourse modernization improvements at Shreveport Regional Airport. Funds: SAA	\$2,175,000	\$0	\$300,000	\$50,100,000
Security Enhancements Phase II (17H013) 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	\$2,700,000	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program H (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
RW 14-32 Rehab & TW G,P,H,R-Construction Description: This project will replace current pavement with new asphalt to eliminate cracks in DTN primary runway	\$2,500,000	\$0	\$0	\$0
Obstruction Mitigation- Runway 32 DTN (15H002) Description: This project will remove obstructions from the Runway 32 approach area at Downtown Airport. Funding: LADOTD	\$400,000	\$0	\$0	\$0
Runway 5/23 Extension (H17007) 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	\$9,515,000	\$0	\$0	\$0
Security Fencing (17H008) Description this project is to upgrade the fence from 4' to 8' along airport perimeter at Downtown Airport. Funding Source: LADOTD	\$120,000	\$0	\$0	\$0
Rehabilitate Northwest Ramp (17H010) 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	\$0	\$0	\$0
DTN Airport Army Reserve Bldg. Renovation (17H014) 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	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program H (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
Runway 14/32 Rehabilitation-DTN (H18001) 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: FAA & LADOTD	\$5,550,000	\$0	\$0	\$0
Noise Land Reuse Plan(18003) Description: This project is to develop a land development strategy for real estate owned by the Shreveport Airport Authority	\$460,000	\$0	\$0	\$0
T-hangar 10 set (Design & Construction) 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	\$0	\$0	\$575,000	\$0
Sea Plane Lane and Taxiway Environmental 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	\$0	\$0	\$0	\$150,000
Taxiway B & Taxi lane GA Phase 3 (H18006) 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	\$3,000,000	\$0	\$0	\$0
Parking Lot Expansion (H19001) 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	\$800,000	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program H (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
<p>Terminal Apron Improvements (H19002) 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</p>	\$500,000	\$0	\$0	\$0
<p>PAPI Replacement (H19003) This project will consist of removal of outdated Precision Approach Path Indicator (PAPI) and installation of new system Funding Source: LADOTD & SAA</p>	\$100,000	\$0	\$0	\$0
<p>Improve Runway 32 RPZ (H19004) This project consist of removing heavy foliage and grading in the Runway Protection Zone area to allow maintainability by airport personnel Funding Source: LADOTD</p>	\$250,000	\$0	\$0	\$0
<p>ARFF Vehicle (H20001) This project is to purchase a new Aircraft Rescue and Firefighting (ARFF) vehicle for the ARFF station at Shreveport Regional Airport Funding Source: LADOTD</p>	\$1,000,000	\$0	\$0	\$0
<p>Rehab of Runway 14-32 (PER/Design) (H20002) This project is to complete a Preliminary Engineering Report(PER) and design for the rehabilitation of Runway 14-32 at Shreveport Regional Airport Funding Source: LADOTD</p>	\$300,000	\$0	\$0	\$0
<p>Airfield Drainage Rehab-Design 4 quadrants (H20003) This project is to complete the design phase for 4 individual quadrants of drainage repairs at Shreveport Regional Airport Funding Source: LADOTD</p>	\$1,000,000	\$500,000	\$0	\$0
<p>Airfield Lighting Rehab Phase III Const/CA (H20004) This phase will consist of construction to replace and upgrade outdated lighting systems Funding Source: LADOTD</p>	\$2,000,000	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program H (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
Rwy 14 Safety Area Improvements-Design (H20005) This phase is the design portion of the Runway 14 Safety Area Improvements at Shreveport Downtown Airport Funding Source: LADOTD	\$300,000	\$0	\$0	\$0
Rwy 14 Safety Area Improvements-Const/CA (H20006) This project is the construction phase of the Runway 14 Safety Area Improvements at Shreveport Downtown Airport Funding Source: LADOTD	\$1,000,000	\$0	\$0	\$0
DTN Action Plan Update (H20007) This project is to update the Action Plan at Shreveport Downtown Airport Funding Source: LADOTD	\$125,000	\$0	\$0	\$0
Airport Emergency Phone System (20008) This project is to update the Airport Emergency Phone System Funding Source: SAA	\$100,000	\$0	\$0	\$0
Customs and Border Protection Facility Renovation This project is to renovate the west cargo facility for U.S. Customs and Border Protection in accordance with Airport Technical Design Standard as dictated by the U.S. Department of Homeland Security. Funding Source: SAA	\$200,000	\$0	\$0	\$0
Hangar 40 Maintenance This project is to facilitate projects for the maintenance of Hangar 40. Funding Source: SAA	\$1,000,000	\$0	\$0	\$0
Hangar 40 Ramp Expansion This project is for the ramp expansion at Hangar 40 to facilitate aircraft operations. Funding Source: SAA	\$940,000	\$0	\$0	\$0
Fillets Construction & Improvements This project is for repairs and rehab of airfield fillets at Shreveport Regional Airport Funding Source: LADOTD	\$2,000,000	\$0	\$0	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program H (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
Land Acquisition This project is for land acquisition for Shreveport Regional Airport development. Funding Source: SAA	\$200,000	\$0	\$0	\$0
Terminal Energy Efficiency This project is for energy efficiency initiatives at Shreveport Regional Airport. Funding Source: SAA	\$20,000	\$0	\$0	\$0
Field Maintenance Relocation This project is for the relocation of the Field Maintenance Department at Shreveport Regional Airport Funding Source: SAA	\$10,000	\$0	\$0	\$0
FedEx Aircraft Relocation This project is for relocating the FEDEX Aircraft at Shreveport Downtown Airport. . Funding Source: SAA	\$30,000	\$0	\$0	\$0
Hangar 20 Improvements This project is for facility improvements to Hangar 20 at Shreveport Downtown Airport Funding Source: SAA	\$10,000	\$0	\$0	\$0
Perimeter Access Roads DTN (Design & Construction) 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	\$0	\$0	\$600,000	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program H (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
<p>Runway 14/32 Lighting Led/Solar Upgrade (Design) Description: This project will replace existing lighting with a new solar and LED system on both of the runways with a battery backup. 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</p>	\$0	\$0	\$300,000	\$0
<p>Txy F Rehabilitation (PER/Design/Construction/CA) This project will consist of design for the rehabilitation of Txy F at Shreveport Downtown Airport Funding Source: LADOTD</p>	\$0	\$0	\$1,850,000	\$0
<p>Power Plant Relocation (Design) This phase consist of design for relocating the Power Plant at Shreveport Regional Airport Funding Source: LADOTD</p>	\$0	\$0	\$0	\$300,000
<p>Power Plant Relocation (Construction) This phase consist of construction for the relocation of the Power Plant at Shreveport Regional Airport Funding Source: LADOTD</p>	\$0	\$0	\$0	\$2,000,000
<p>Airfield Drainage Rehab-Ph 3-Const/CA This project consist of the construction phase of Package A for airfield drainage repairs at Shreveport Regional Airport Funding Source: LADOTD</p>	\$0	\$0	\$2,000,000	\$0
<p>Airfield Drainage Rehab-Ph 3-Const/CA This project consist of the construction phase of Package B for airfield drainage repairs at Shreveport Regional Airport Funding Source: LADOTD</p>	\$0	\$0	\$3,000,000	\$0

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

Program H (continued)

PROJECT	2021	2022	2023-2025	FUTURE YEARS
Airfield Drainage Rehab-Ph 3-Const/CA This project consist of the construction phase of Package C for airfield drainage repairs at Shreveport Regional Airport Funding Source: LADOTD	\$0	\$0	\$2,000,000	\$0
Airfield Drainage Rehab-Ph 3-Const/CA This project consist of the construction phase of Package D for airfield drainage repairs at Shreveport Regional Airport Funding Source: LADOTD	\$0	\$0	\$0	\$2,500,000
Pavement Rehabilitation 14/32 (PER) This phase consist of the construction of the pavement rehabilitation of Runway 14/32 at Shreveport Regional Airport Funding Source: FAA & LADOTD	\$0	\$0	\$0	\$250,000
Airfield Guidance Sign Replacement (H13006) Description: This project consists of replacement and updates of airfield directional signs and lighting systems Funding Source: State Grant	\$6,000,000	\$0	\$0	\$0
Master Plan Update Phase II – SHV (H17001) Description: This project consists of updating aviation forecasts, demand/capacity analysis and economic development Funding Source: FAA & State Grant	\$350,000	\$0	\$0	\$0
TOTAL	\$68,055,000	\$500,000	\$18,625,000	\$55,300,000

2021-2025 CAPITAL IMPROVEMENTS PROGRAM

