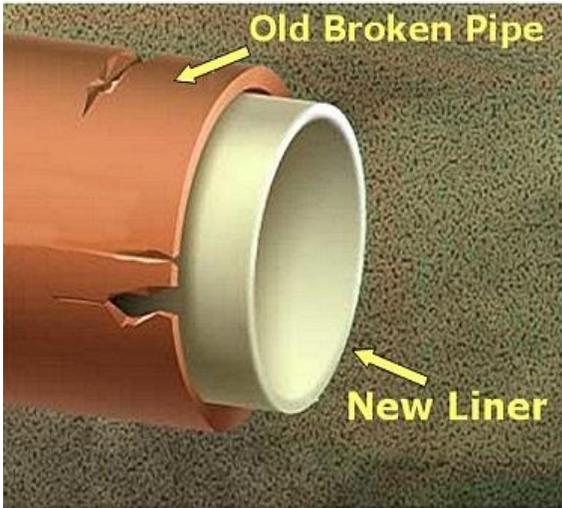


CITY OF SOUTH DAYTONA



FIVE YEAR WORK PLAN for HALF-CENT SALES TAX

FY 2020-2025

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EXECUTIVE SUMMARY

Volusia County is proposing a half-cent sales tax for referendum in 2019. The revenue generated by this proposed tax will be distributed amongst the cities based on population. It is estimated that the City of South Daytona would receive around \$750,000 per year as a result of this revenue source. The proposed tax will sunset after 20 years. The money received from this tax must be spent exclusively on road projects, water quality, sidewalks, stormwater and flood control.

It is important for the City to develop a work plan that identifies those projects that would be ideal candidates for the proposed sales tax. A term of five years is typically utilized in the development of such as work program as a longer term would decrease forecasting accuracy. It is estimated that the City would receive around \$3,750,000 from the proposed sales tax over the next five years. The proposed tax, if passed by referendum in 2019, would not begin to be distributed until January 2020.

This Five Year Work Program was developed to be used as a guide in the expenditure of anticipated revenues generated by the proposed Half-Cent Sales Tax. It is designed to be a fluid document that can be amended as new critical needs are identified. The time frame for this program is from 2020 through 2025.

The projects identified in this work program were selected based on our most critical needs such as water main replacement, sewer rehabilitation, flood management and roadway reconstruction. The projects proposed strike a balance between new infrastructure and desperately needed reconstruction. The focus of the Project List included addressing those roads with the lowest pavement rating as identified in the City of South Daytona's Pavement Management Plan (March 2015).

The projects listed in this work program are presented in no particular order. Projects are meant to be chosen from the work program as half-cent sales tax revenues and grant funds become available to the City of South Daytona. Think of the project list below as a menu from which the City can pick and choose projects to be completed as priorities present themselves.

PROJECT LIST

Magnolia Avenue North Roadway, Drainage and Utility Improvements

Magnolia Avenue North, identified as that section between Beville Road and Big Tree Road, is listed in critical condition in our Pavement Management Plan. Depressions have been forming around the sewer manholes located within the roadway and the roadway itself is crumbling. There are several swales along the roadway that could be culverted to reduce maintenance and enhance appearance without sacrificing functionality. This project calls for the rehabilitation of the sewer manholes, culverting of the roadside swales and the resurfacing of the roadway.

Total Cost: \$175,000

Ridge Boulevard Roadway, Drainage and Utility Improvements

Ridge Boulevard is listed in critical condition in our Pavement Management Plan. The waterline here is made of asbestos-cement pipe which has become extremely brittle. There are two intersections on Ridge Boulevard where stormwater puddles after a rain event because there are no inlets there and the asphalt is crumbling due to its age. This project calls for the replacement of the waterline, resurfacing of the roadway and the installation of stormwater inlets and curbing to collect stormwater.

Total Cost: \$425,000

Eastern Road Roadway and Utility Improvements

Eastern Road is listed in critical condition in our Pavement Management Plan. There are numerous patches within the roadway due to the aging sewer main that has become fragile. The waterline here is made of asbestos-cement pipe which has become extremely brittle and the roadway is crumbling. This project calls for the replacement of the waterline, sewer rehabilitation and roadway resurfacing.

Total Cost: \$315,000

Kenilworth Avenue Roadway, Utility and Sidewalk Improvements

Kenilworth Avenue is listed in critical condition in our Pavement Management Plan. The waterline here is made of asbestos-cement pipe which has become extremely brittle. There are numerous patches along the roadway due to sewer main repairs and the roadway itself is crumbling. The sidewalk on Kenilworth, which surrounds South Daytona Elementary School, is just shy of four feet wide which is substandard. A six foot wide sidewalk here would be an excellent link between our shared use path on Big Tree Road and the one on Ridge Boulevard. School children could utilize this sidewalk to get to South Daytona Elementary more safely. This project calls for the replacement of the waterline, sewer rehabilitation, resurfacing of the roadway and the replacement of the existing narrow sidewalk with a six foot wide concrete path. An application for Florida Department of Transportation Local Agency Project (LAP) grant funds has been submitted for the sidewalk and resurfacing portion of this project.

Total Cost: \$800,000

Possible FDOT LAP Funds: \$300,000

Half-Cent Sales Tax Funds: \$500,000

James Street Roadway, Utility and Sidewalk Improvements

James Street is listed in critical condition in our Pavement Management Plan. The roadway is crumbling and sinking around the sewer manholes as road base is leaching into gaps in the manhole chimney tops. In addition, the waterline here is made of asbestos-cement pipe which has become extremely brittle. The existing sidewalk connecting the Piggotte Center to James Street Park is narrow and could be widened to allow for better pedestrian access. This project calls for the resurfacing of the roadway, lining the sewer manhole chimneys, replacement of the waterline and widening the sidewalk.

Total Cost: \$325,000

Bristol Lane Roadway and Drainage Improvements

Bristol Lane is listed in critical condition in our Pavement Management Plan. The roadway is crumbling and the gutter at the intersection of Dorset Circle holds water. This project calls for the installation of inlets to eliminate the gutter at Dorset and the resurfacing of the roadway.

Total Cost: \$80,000

Windle Lane Roadway and Drainage Improvements

Windle Lane is listed as critical in our Pavement Management Plan. The asphalt is crumbling due to its age. There are two small ponds located at Windle Lane that drain a significant portion of the Coventry Forest Subdivision. These two ponds are unable to hold the water that a severe rain can bring which causes several intersections to hold water. The City has stationed a portable pump at this location but the pond's size reduces the ability for the pump to keep up. This project involves the excavation of a larger stormwater pond with a pump station designed to control the lake level. The roadway will be resurfaced after the pond's construction. The City has already purchased a tract of land adjacent to the two ponds which can be used in combination with the existing ponds to create one large pond. The City has applied for and received grant money from the Department of Environmental Protection and FEMA for a portion of the construction cost. An application has been submitted to the Federal Emergency Management Agency and St. Johns River Water Management District for additional funding.

Total Cost: \$550,000

DEP Funds: \$50,000 Possible FEMA Funds: \$235,000 Possible SJRWMD Funds: \$215,000

City Half-Cent Sales Tax Funds: \$50,000

Cambridge Circle Roadway and Utility Improvements

Cambridge Circle is listed in critical condition in our Pavement Management Plan. The asphalt is crumbling due to its age. A segment of the roadway has an undersized four inch water line which prevents the installation of fire protection. This project calls for the upsizing of the watermain, installation of a fire hydrant and resurfacing of the roadway.

Total Cost: \$100,000

Steele Avenue Roadway and Utility Improvements

Steele Avenue is listed in critical condition in our Pavement Management Plan. The asphalt is crumbling due to its age. The waterline here is made of asbestos-cement pipe which has become extremely brittle. This project calls for the resurfacing of the roadway and the replacement of the waterline.

Total Cost: \$45,000

Spinnaker Circle and Jib Drive Roadway and Drainage Improvements

Spinnaker Circle and Jib Drive are the only two roadways in the Harborside Subdivision. Both roads are listed in critical condition in our Pavement Management Plan. The asphalt on these two interconnected roadways is crumbling due to its age. In addition, the two stormwater ponds within the subdivision are not controlled by a pumping system. This project calls for the installation of a stormwater pumping system to control lake levels and the resurfacing of the roadway.

Total Cost: \$300,000

Carey Drive Roadway and Utility Improvements

Carey Drive, between Citrus Avenue and Pope Avenue, is listed in critical condition in our Pavement Management Plan. The asphalt is crumbling due to its age. The undersized waterline here is made of asbestos-cement pipe which has become extremely brittle. This project calls for the replacement of the watermain, installation of fire hydrants and the resurfacing of the roadway.

Total Cost: \$150,000

Possible Volusia County Block Grant Funds: \$120,000 City Half-Cent Sales Tax Funds: \$30,000

Palm Grove Court Roadway and Utility Improvements

Palm Grove Court is listed in critical condition in our Pavement Management Plan. The asphalt is crumbling due to its age. The waterline here is undersized and made of asbestos-cement pipe which has become extremely brittle. There are a number of sewer patches on this segment of roadway which indicate that the sewer main needs to be lined. This project calls for the resurfacing of the roadway, sewer main rehabilitation and the replacement of the waterline located there along with the installation of fire hydrants.

Total Cost: \$115,000

Lambright Road Roadway and Sidewalk Improvements

Lambright Road is listed in critical condition in our Pavement Management Plan. The asphalt is crumbling due to its age. The sidewalk on Lambright Road is part of the network that surrounds South Daytona Elementary School. The sidewalk is exceedingly narrow and could be widened to make it safer for pedestrians. This project calls for the resurfacing of the roadway and the replacement of the existing narrow sidewalk with a six foot wide concrete path. An application for Florida Department of Transportation Local Agency Project (LAP) grant funds has been submitted for the sidewalk portion of this project. There are no grants available for the roadway resurfacing.

Total Cost: \$75,000

Possible FDOT LAP Funds: \$40,000 City Half-Cent Sales Tax Funds: \$35,000

Jones Street Roadway and Drainage Improvements

Stormwater has a tendency to collect on the Jones Street because it cannot get to the nearby stormwater pond fast enough. This project calls for the installation of a secondary stormwater pipe to allow stormwater to flow into the nearby pond faster. The project also calls for the resurfacing of the roadway.

Total Cost: \$200,000

Possible Volusia County Block Grant Funds: \$120,000 City Half-Cent Sales Tax Funds: \$80,000

Golfview Boulevard Roadway, Utility and Sidewalk Improvements

A shared use path has been studied by the Florida Department of Transportation (FDOT) along Golfview Boulevard to connect the sidewalks on Beville Road to our shared use path on Big Tree Road. The asphalt on Golfview is crumbling due to its age. There are numerous sewer patches along the roadway which indicates that the sewer line needs to be rehabilitated by lining it. The waterline is asbestos-cement and has become brittle. This project involves lining the sewer main, replacing the water line, resurfacing the roadway and the installation of a 10-foot concrete shared use path on Golfview Boulevard. An application for FDOT Local Agency Project (LAP) grant funds for the sidewalk and resurfacing portion of the project has been submitted.

Total Cost: \$850,000

Possible FDOT LAP Funds: \$575,000 City Half-Cent Sales Tax Funds: \$275,000

Reed Canal Road Shared Use Path

This project involves the construction of a shared use path on the south side of Reed Canal Road from South Ridgewood Avenue to Nova Road. Aspects of the project involve removing the existing guardrail and installing a sheet pile wall along the entire project limits. A shared use path with street and path lighting and landscaping would then be installed followed by crosswalks and resurfacing of the roadway. A grant application to utilize Florida Department of Transportation (FDOT) Local Agency Program funds has been submitted for the design, inspection and construction of this project. A portion of this construction has been identified in the FDOT's Suntrail program.

Total Cost: \$9,000,000

Possible FDOT LAP Funds: 5,000,000 Possible FDOT SunTrail Funds: \$3,500,000

Possible Volusia County Funds: \$250,000 City Half-Cent Sales Tax: \$250,000

Magnolia Avenue South Roadway and Sidewalk Improvements

Magnolia Avenue South, defined as that segment of Magnolia Avenue between Big Tree Road and Reed Canal Road, is one of our few thoroughfare roads in the City. This segment of roadway is identified as part of our shared use path network through the City. Shared Use Paths are wide sidewalks designed to allow pedestrians and bicyclists to interact without one leaving the safety of the sidewalk. This project calls for the installation of a 10-foot wide concrete shared use path along Magnolia Avenue from Big Tree Road to Reed Canal Road. To ensure the ramps and roadway crossings are ADA compliant, the roadway will need to be resurfaced as part of this project. Traffic calming islands will also be constructed to enhance safety. An application for Florida Department of Transportation Local Agency Project (LAP) grant funds has been submitted for this project.

Total Cost: \$850,000

Possible FDOT LAP Funds: \$765,000 City Half-Cent Sales Tax Funds: \$85,000

Graham Street Roadway, Utility and Sidewalk Improvements

The roadway along Graham Street, from Big Tree Road to Lambright Road, is crumbling due to its age. The water service along Graham Street is a small two-inch galvanized line that needs to be upsized to an eight-inch PVC line that can supply fire protection. The sidewalk on Graham Street is part of the network directly leading to South Daytona Elementary School. The sidewalk is exceedingly narrow and could be widened to make it safer for pedestrians. When the sidewalk is widened, a non-mountable concrete curb needs to be installed to effectively separate the road from the sidewalk due to the narrow right of way here. This project calls for the resurfacing of the roadway, replacement of the watermain and widening of the sidewalk (including a curb separator) to enhance pedestrian access surrounding the South Daytona Elementary School. An application for Florida Department of Transportation Local Agency Project (LAP) grant funds has been submitted for the sidewalk portion of this project.

Total Cost: \$80,000

Possible FDOT LAP Funds: \$36,000 City Half-Cent Sales Tax Funds: \$44,000

Evergreen Terrace Roadway, Utility and Sidewalk Improvements

The roadway along Evergreen Terrace is crumbling due to its age. The watermain is comprised of asbestos cement pipe that has become brittle. In addition, the sidewalk on Evergreen Terrace is part of the network that surrounds South Daytona Elementary School. The sidewalk is exceedingly narrow and could be widened to make it safer for pedestrians. This project calls for the resurfacing of the roadway, replacement of the watermain and the widening of the sidewalk on Evergreen Terrace. An application for Florida Department of Transportation Local Agency Project (LAP) grant funds has been submitted for the sidewalk widening portion of this project.

Total Cost: \$65,000

Possible FDOT LAP Funds: \$25,000 City Half-Cent Sales Tax Funds: \$40,000

Elizabeth Place Roadway, Utility and Sidewalk Improvements

The roadway along Elizabeth Place is crumbling due to its age. The watermain is comprised of asbestos cement pipe that has become brittle. In addition, the sidewalk on Elizabeth Place is part of the network that surrounds South Daytona Elementary School. The sidewalk is exceedingly narrow and could be widened to make it safer for pedestrians. This project calls for the resurfacing of the roadway, replacement of the watermain and the widening of the sidewalk on Elizabeth Place. An application for Florida Department of Transportation Local Agency Project (LAP) grant funds has been submitted for the sidewalk widening portion of this project.

Total Cost: \$175,000

Possible FDOT LAP Funds: \$50,000 City Half-Cent Sales Tax Funds: \$125,000

Garfield Drive Roadway, Utility and Sidewalk Improvements

Garfield Drive is listed in critical condition in our Pavement Management Plan. The asphalt is crumbling due to its age. The watermain is a 2-inch galvanized line incapable of supporting fire protection. There are numerous patches in the roadway due to a collapsing sewer system underneath. The sidewalk on this roadway is part of the network that surrounds South Daytona Elementary School. The sidewalk is exceedingly narrow and could be widened to make it safer for pedestrians. This project calls for the resurfacing of the roadway, replacement of the watermain with fire hydrants, lining of the existing sewer main and the replacement of the existing narrow sidewalk with a six foot wide concrete path. An application for Florida Department of Transportation Local Agency Project (LAP) grant funds has been submitted for the sidewalk portion of this project.

Total Cost: \$125,000

Possible FDOT LAP Funds: \$30,000 City Half-Cent Sales Tax Funds: \$95,000

Anastasia Duck Pond Stormwater Pump Station

The Duck Pond on Anastasia Drive drains the rear yards of those homes located on either side of it. During a hurricane, the City must setup a portable pump to control the water level within the pond to keep it from flooding the surrounding homes. This project involves the installation of a permanent pump station designed to more effectively control the water level in this pond.

Total Cost: \$40,000

Reed Canal Park Wood Bridge Replacement

The wood bridge going into Reed Canal Nature Park is old and incapable of handling truck traffic. This project involves replacing the aging wood structure with a concrete bridge designed to withstand heavy loads from garbage and fire trucks. The wooden element of the bridge could be maintained in the form of a trellis over the concrete bridge or by adding wooden features to the concrete structure. An application for Florida Department of Transportation Local Agency Project (LAP) grant funds has been submitted for this project.

Total Cost: \$1,500,000 FDOT LAP Funds: \$1,350,000 City Half-Cent Sales Tax Funds: \$150,000

South Palmetto Avenue Sidewalk and Utility Improvements

The Florida Department of Transportation (FDOT) has a program which identifies an ideal path for their regional trail system called SunTrail. That segment of South Palmetto Avenue from our northern city limits to Ridge Boulevard has been identified as a likely candidate for this new regional trail. In addition, the sewer manholes in the roadway along this segment need to be rehabilitated by lining the inside with concrete. This project involves the installation of a 10-foot wide concrete path along the east side of South Palmetto Avenue from our northern city limits to Ridge Boulevard. It also entails the sewer manhole rehabilitation. The cost of the proposed SunTrail path is paid for by the FDOT. The cost of the sewer manhole rehabilitation is the City's responsibility.

Total Cost: \$570,000

Possible FDOT SunTrail Funds \$500,000 City Half-Cent Sales Tax Funds: \$70,000

Carmen Drive Roadway, Drainage and Sidewalk Improvements

The Florida Department of Transportation (FDOT) has a program which identifies an ideal path for their regional trail system called SunTrail. Carmen Drive has been identified as a likely candidate for this new regional trail which will connect our trail on Ridge Boulevard to the proposed trail on Reed Canal Road. This project involves the installation of a 10-foot wide concrete path along Carmen Drive along with the installation of stormwater inlets and the resurfacing of the roadway to facilitate the proposed path.

Total Cost: \$500,000 – Possible FDOT SunTrail Funds

Work Program Cost Summary with Identified Funding Sources

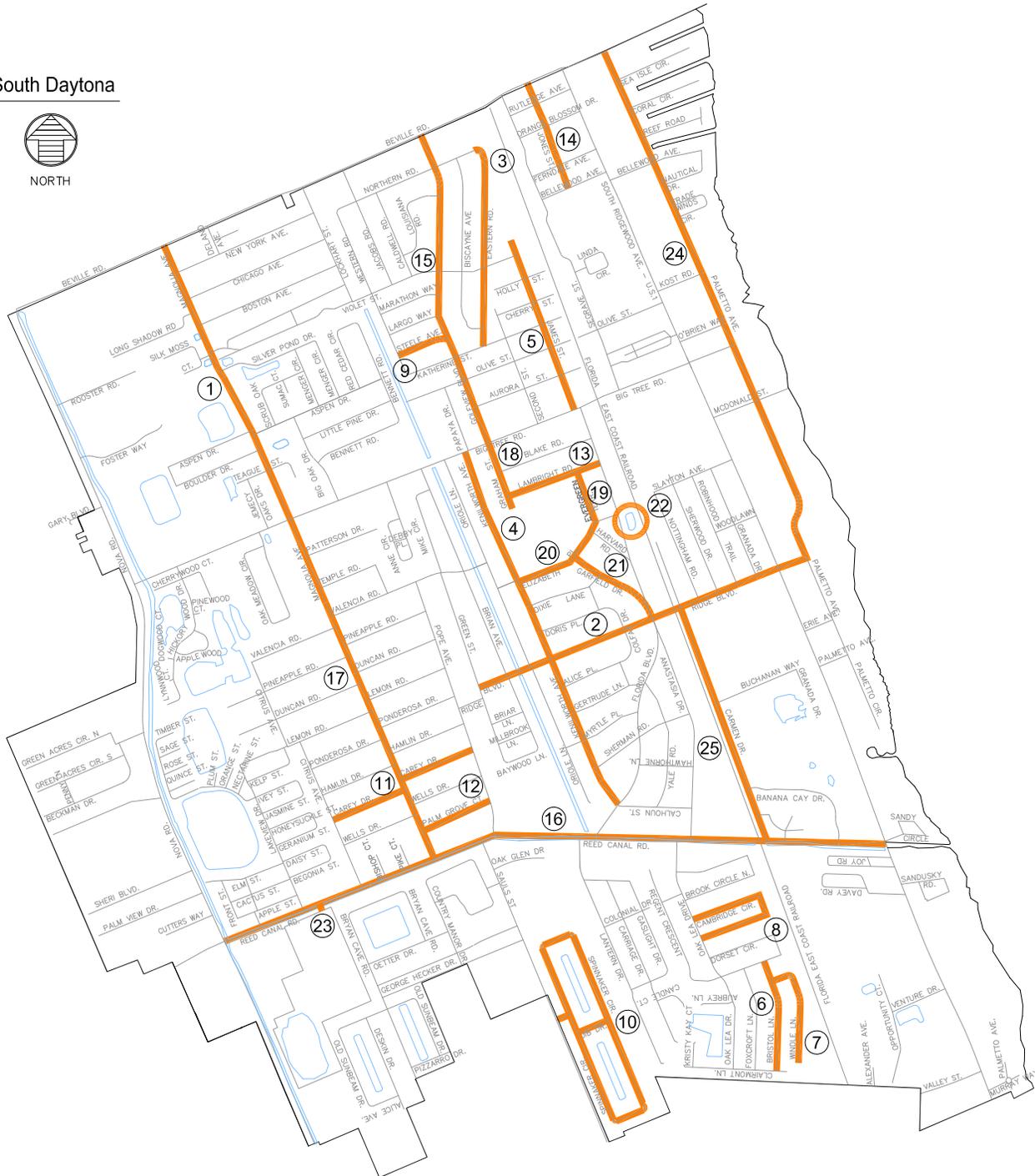
ID Number	Project Title	City Funding	Anticipated Grant Funding	Anticipated County Funding	Total Cost
1	Magnolia Avenue North Roadway, Drainage and Utility Improvements	\$175,000			\$175,000
2	Ridge Boulevard Roadway, Drainage and Utility Improvements	\$425,000			\$425,000
3	Eastern Road Roadway and Utility Improvements	\$315,000			\$315,000
4	Kenilworth Avenue Roadway, Utility and Sidewalk Improvements	\$500,000	\$300,000		\$800,000
5	James Street Roadway, Utility and Sidewalk Improvements	\$325,000			\$325,000
6	Bristol Lane Roadway and Drainage Improvements	\$80,000			\$80,000
7	Windle Lane Roadway and Drainage Improvements	\$50,000	\$500,000		\$550,000
8	Cambridge Circle Roadway and Utility Improvements	\$100,000			\$100,000
9	Steele Avenue Roadway and Utility Improvements	\$45,000			\$45,000
10	Spinnaker Circle and Jib Drive Roadway and Drainage Improvements	\$300,000			\$300,000
11	Carey Drive Roadway and Utility Improvements	\$30,000	\$120,000		\$150,000
12	Palm Grove Court Roadway and Utility Improvements	\$115,000			\$115,000
13	Lambright Road Roadway and Sidewalk Improvements	\$35,000	\$40,000		\$75,000
14	Jones Street Roadway and Drainage Improvements	\$80,000		\$120,000	\$200,000
15	Golfview Boulevard Roadway, Utility and Sidewalk Improvements	\$275,000	\$575,000		\$850,000
16	Reed Canal Road Shared Use Path	\$250,000	\$8,500,000	\$250,000	\$9,000,000
17	Magnolia Avenue South Roadway and Sidewalk Improvements	\$85,000	\$765,000		\$850,000
18	Graham Street Roadway, Utility and Sidewalk Improvements	\$44,000	\$36,000		\$80,000
19	Evergreen Terrace Roadway, Utility and Sidewalk Improvements	\$40,000	\$25,000		\$65,000
20	Elizabeth Place Roadway, Utility and Sidewalk Improvements	\$125,000	\$50,000		\$175,000
21	Garfield Drive Roadway, Utility and Sidewalk Improvements	\$95,000	\$30,000		\$125,000
22	Anastasia Duck Pond Stormwater Pump Station	\$40,000			\$40,000
23	Reed Canal Park Wood Bridge Replacement	\$150,000	\$1,350,000		\$1,500,000
24	South Palmetto Avenue Sidewalk and Utility Improvements	\$70,000	\$500,000		\$570,000
25	Carmen Drive Roadway, Drainage and Sidewalk Improvements		\$500,000		\$500,000

TOTAL COSTS \$3,749,000 \$13,291,000 \$370,000 \$17,410,000

ANTICIPATED HAL-CENT SALES TAX REVENUES FOR THE PROGRAM'S FIVE YEAR TERM \$3,750,000

Half Cent Sales Tax For Five Year Work Program

South Daytona



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