

**CITY OF BILOXI
AGENDA ITEM
FACT SHEET**

Item No.: 5 H

Council Meeting Date: December 28, 2021

ITEM TITLE: RESOLUTION

INTRODUCED BY: Mayor Andrew "FoFo" Gilich

CONTACT PERSON: E. Michael Leonard, CAO *ml*

SUMMARY EXPLANATION:

Resolution requesting assistance of the Harrison County Board of Supervisors in securing funding available under the American Rescue Plan Act ("ARPA") for making necessary investments to improve access to clean drinking water and support vital wastewater and stormwater infrastructure, as permitted under the Act

Resolution Ordinance _____ Public Hearing _____ Routine Agenda _____

Exhibits for Review

Contract _____ Minutes _____ Plans/Maps _____ Deed _____ Lease _____

Other (Specify): Exhibit A: Project descriptions

Submittal Authorization: Council President _____ Mayor

STAFF RECOMMENDATION: Staff recommends approval

COUNCIL ACTION: Motion By: _____ Second By: _____

Vote:	<u>Councilmember</u>	<u>Yes</u>	<u>No</u>	<u>Other</u>	<u>Councilmember</u>	<u>Yes</u>	<u>No</u>	<u>Other</u>
	Lawrence	_____	_____	_____	Tisdale	_____	_____	_____
	Gines	_____	_____	_____	Glavan	_____	_____	_____
	Newman	_____	_____	_____	Barrett	_____	_____	_____
	Deming	_____	_____	_____				

ACTION TAKEN:

Resolution No.

RESOLUTION REQUESTING ASSISTANCE OF THE HARRISON COUNTY BOARD OF SUPERVISORS IN SECURING FUNDING AVAILABLE UNDER THE AMERICAN RESCUE PLAN ACT ("ARPA") FOR MAKING NECESSARY INVESTMENTS TO IMPROVE ACCESS TO CLEAN DRINKING WATER AND SUPPORT VITAL WASTEWATER AND STORMWATER INFRASTRUCTURE, AS PERMITTED UNDER THE ACT

WHEREAS, on May 10, 2021, the U.S. Department of the Treasury made available Three Hundred Fifty Billion Dollars (\$350,000,000,000.00) in grant funding to state and local governments pursuant to the American Rescue Plan Act ("ARPA") to invest in water, sewer, broadband infrastructure; for making necessary investments to improve access to clean drinking water, support vital wastewater and stormwater infrastructure, and to expand access to broadband internet services, and matters as permitted under the Act;

WHEREAS, under ARPA, certain funds will be allocated and otherwise made available to Harrison County, Mississippi (the "County"), as well as to the City of Biloxi (the "City"), for projects qualifying under the Act;

WHEREAS, the City and County have the ability to make joint contributions for ARPA projects, and to further seek a match from State ARPA funds;

WHEREAS, the City of Biloxi is situated in Harrison County, Mississippi and its citizens represent twenty-five percent (25%) of the population of the County, and Biloxi resident pay a separate County millage to the County General Fund;

WHEREAS, the City has identified certain projects of great importance to the long term benefit and growth of the citizens of the City and County which qualify for funding under Act, as described and listed on the attached Exhibit "A";

WHEREAS, four (4) of the projects described in Exhibit "A," are bid-ready, with all design being complete;

WHEREAS, by this Resolution, the City requests that the Harrison County Board of Supervisors assist its efforts to receive State of Mississippi (the "State") ARPA funding for the projects identified in Exhibit "A";

WHEREAS, the City additionally requests that Harrison County financially assist it with the funds required for the projects listed in Exhibit "A," attached hereto, by providing up to one-half (1/2) of the project costs, when and if ARPA funds are awarded for one or more of the projects; and

WHEREAS, if the State agrees to match any City-County contributions, the County contribution would be reduced by one half (1/2) of the amount contributed by the State.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY COUNCIL OF THE CITY OF BILOXI, MISSISSIPPI:

SECTION ONE: The findings, conclusions, and statements of fact contained in the preamble are hereby adopted, ratified, and incorporated herein.

SECTION TWO: The City of Biloxi is specifically requesting Harrison County's assistance in its efforts to receive American Rescue Plan Act ("ARPA") funding for the projects identified in Exhibit "A."

SECTION THREE: The City of Biloxi is specifically requesting Harrison County's financial assistance with the matching funds required for the projects listed in Exhibit "A," attached hereto, by providing up to one-half (1/2) of the project costs, when and if ARPA funds are awarded for one or more of the projects.

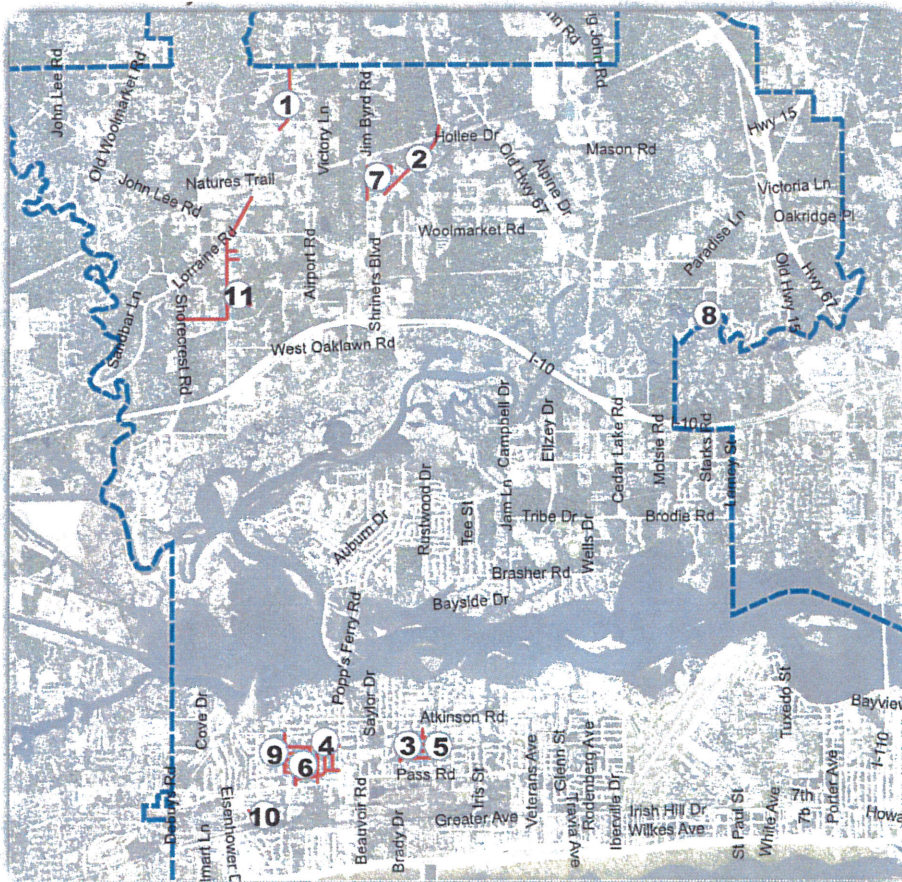
SECTION FOUR: In the event the State agrees to match any City-County contributions, the County contribution would be reduced by one half (1/2) of the amount contributed by the State.

SECTION FIVE: The Council Clerk is directed to send a certified copy of this resolution to the Board of Supervisors.

SECTION SIX: This resolution shall take effect and be in force from and after adoption.



City of Biloxi Proposed Water-Sewer Projects



November, 2021

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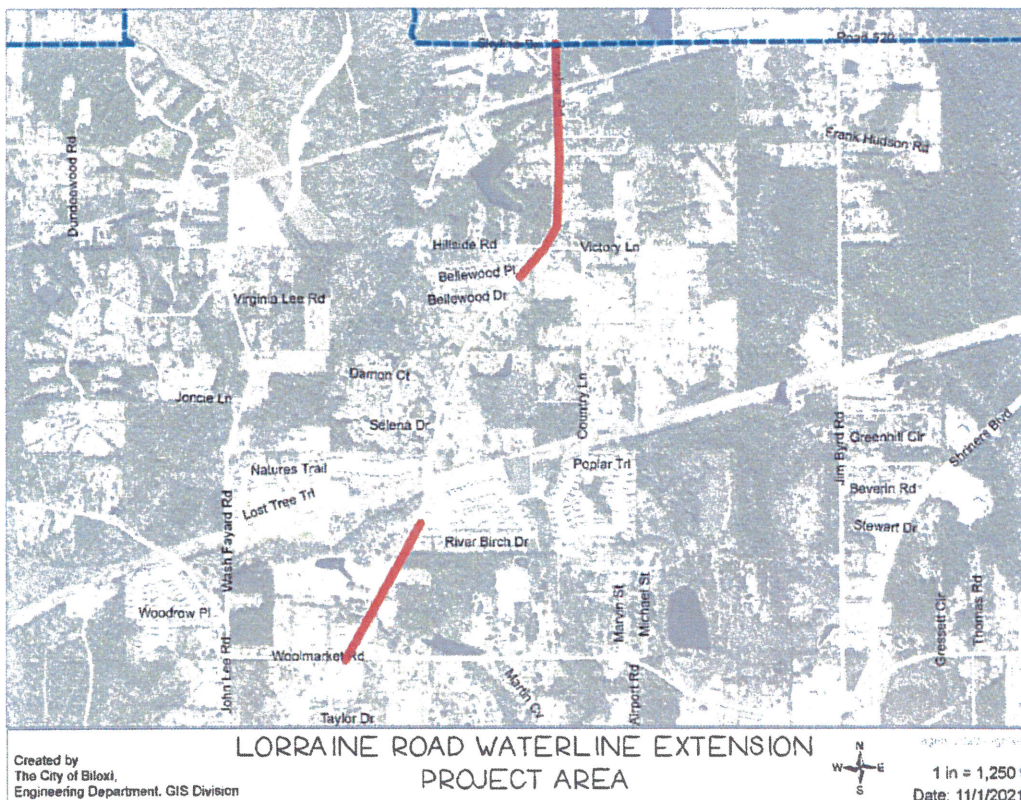
1	Lorraine Road Water Extension	\$800,000
2	Shriners Road Water/Sewer Extension	\$1,500,000
3	Tanglewood Water Replacement Phase 2	\$2,000,000
4	Bayvista Water Well Replacement	\$900,000
5	Tanglewood Sewer Replacement	\$4,000,000
6	Bay Vista Water/Sewer Replacement	\$13,500,000
7	Jim Byrd Road South Waterline Extension	\$1,500,000
8	Tchoutacabouffa River Basin Drainage West	\$1,500,000
9	Churchill Ditch Drainage Upgrade	\$1,200,000
10	Rue Palafox/Enclave Drainage Upgrade	\$1,500,000
11	Boyette/Oaklawn Water/Sewer Improvements	\$6,000,000

Lorraine Road Water Extension

PROJECT SUMMARY

This proposed project will connect two existing 16 inch water mains on Lorraine Road from Woolmarket Road to Rock Creek Drive and extend the existing 16 inch water main on Lorraine Road from Bellewood Place to the City Limits. The southern portion of water main to be installed is approximately 2,000 linear feet which will provide a loop increasing existing water pressures in the nearby areas. The northern portion of the proposed project is to install approximately 3,200 linear feet of 16 inch water main. This will allow the City to provide water services to existing residents along Lorraine Road.

Design for this project is complete. The City of Biloxi has received Health Department Approval and is ready for the bidding process. This proposed project is estimated to cost \$800,000.



Shriners Road Water/Sewer Extension

PROJECT SUMMARY

This proposed project will extend the existing water and sewer mains on Shriners Road from Steward Drive to north of Hollee Drive. The water and sewer mains to be installed is approximately 4,200 linear feet each. The additional water and sewer lines will reduce the number of private septic and wells and allow the City to provide water services to existing residents along Shriners Road.

Design for this project is complete and is ready for the bidding process. This proposed project is estimated to cost \$1,500,000.



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Engineering Department, GIS Division

SHRINERS BLVD. WATER/SEWER EXTENSION
PROJECT AREA



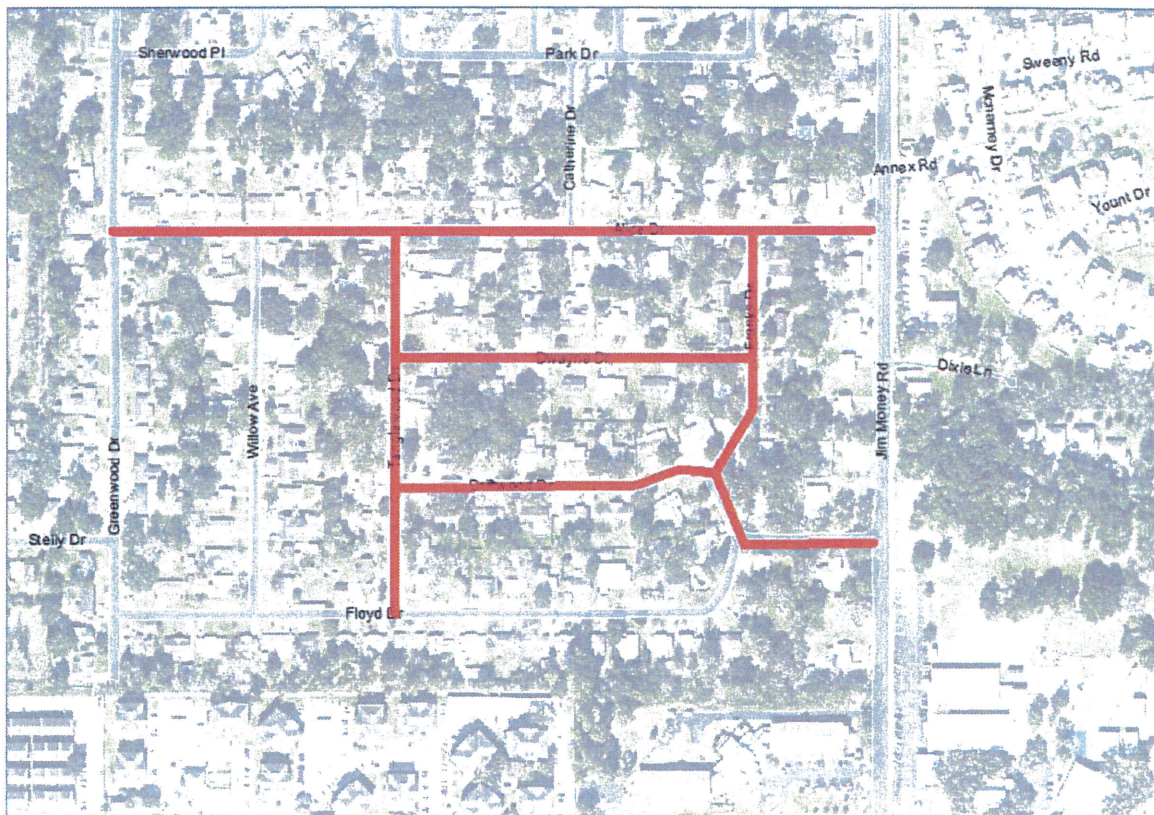
Scale: 1 in = 929 ft
Date: 11/11/2021

Tanglewood Water Replacement Phase 2

PROJECT SUMMARY

This proposed project will replace the existing water mains in this area. Water distribution lines are under sized by current fire protection standards. This project completes a 2020/2021 project that replaced only half of the 1960 vintage water distribution lines in these neighborhoods.

Design for this project is complete and is ready for the bidding process. This proposed project is estimated to cost \$2,000,000.



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TANGLEWOOD WATER REPLACEMENT
PROJECT AREA



1 in = 257 ft
Date: 11/3/2021

Bay Vista Water Well Replacement

PROJECT SUMMARY

This proposed project will replace the existing water well which is no longer operational. Replacement of the Bay Vista well is needed to assure adequate water pressure for fire protection in the densely populated Bay Vista and West Biloxi neighborhoods.

Design for this project is nearing completion. This proposed project is estimated to cost \$900,000.



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BAY VISTA WATER WELL REPLACEMENT
PROJECT AREA

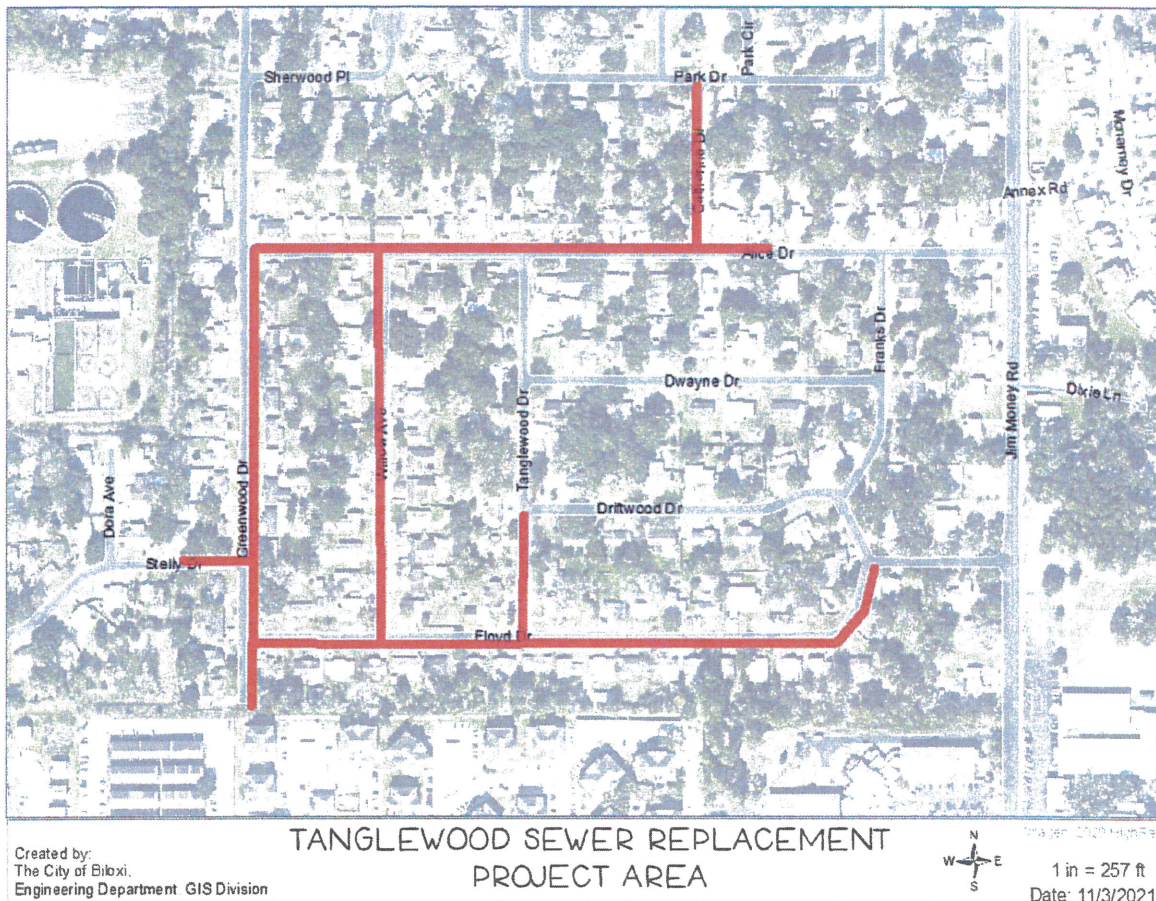
N
W E
S
1 in = 417 ft
Date: 11/1/2021

Tanglewood Sewer Replacement

PROJECT SUMMARY

This proposed project will replace the existing sewer mains in this area. The sewer collection system is 1960 vintage. Due to age and condition of the underground systems in the Tanglewood neighborhoods the mean time between failures is decreasing with regular pipe breaks and repairs needed. Tanglewood and Bay Vista are in Ward 4 of the city which includes more than 7,000 residents

Design for this project is in progress. This proposed project is estimated to cost \$4,000,000.

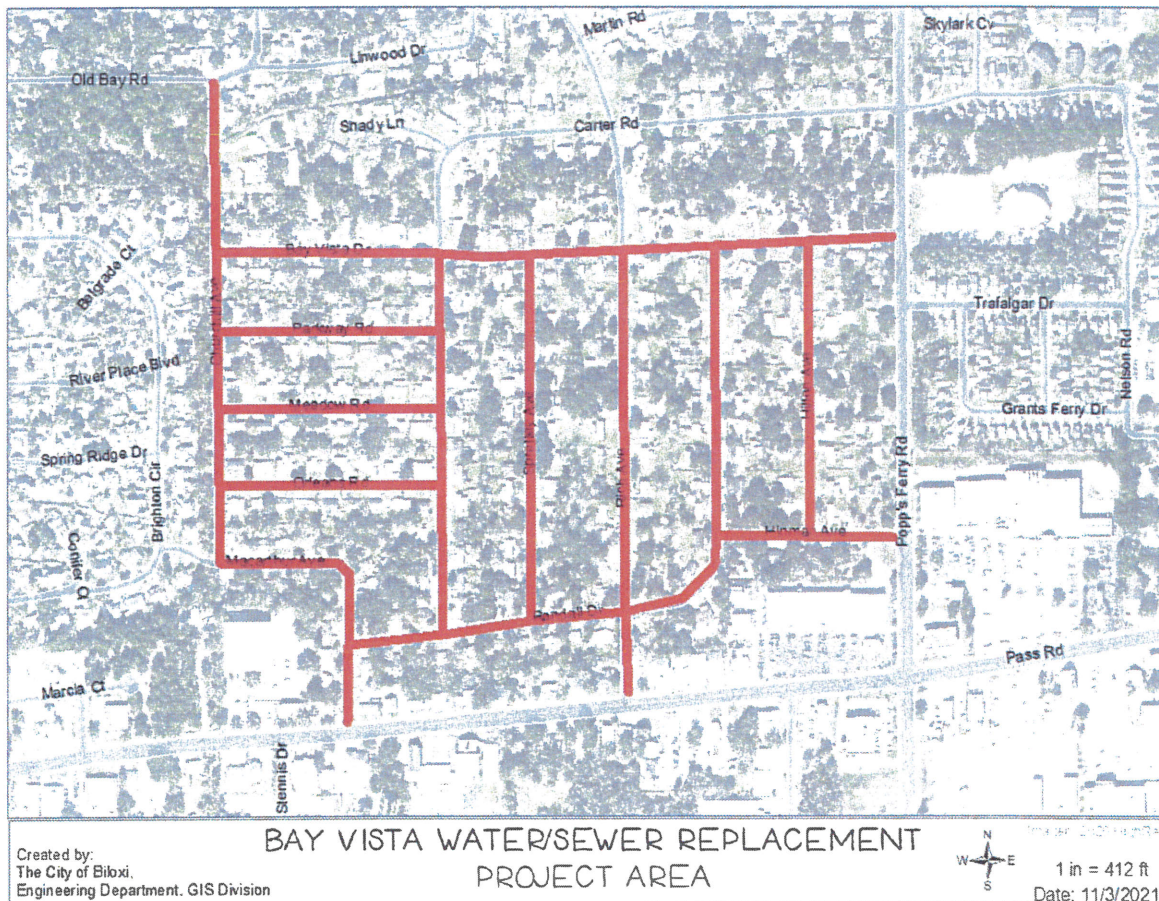


Bay Vista Water/Sewer Replacement

PROJECT SUMMARY

This proposed project will replace the existing water and sewer mains in this area. Most water lines are 1960 vintage pipe. Water lines are undersized by current fire protection standards. Due to age and condition of the underground utilities in the Bay Vista neighborhoods, the mean time between failures of sewer and water distribution systems is decreasing. Bay Vista and Tanglewood are in Ward 4 of the city which includes more than 7,000 residents

This project is conceptual, design is waiting on funding. This proposed project is estimated to cost \$13,500,000.

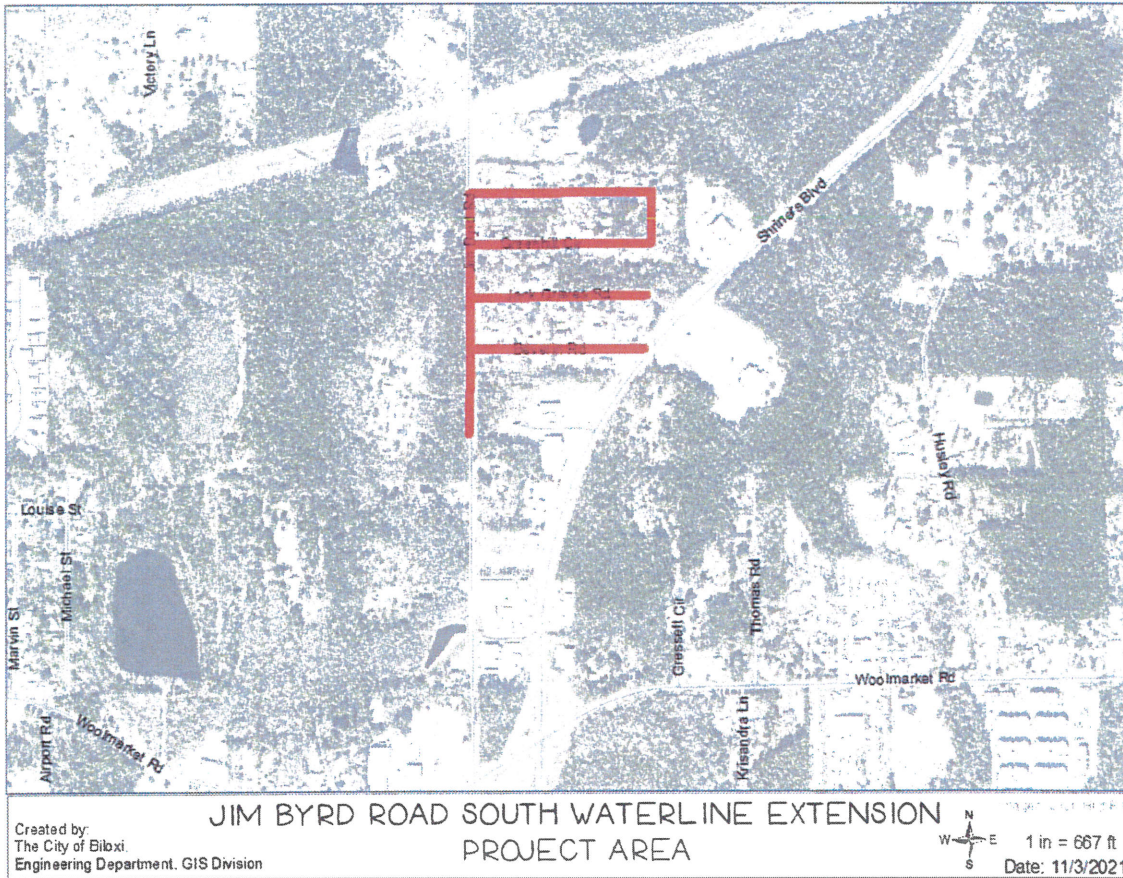


Jim Byrd Road South Water Line Extension

PROJECT SUMMARY

This proposed project is to install new 12 and 8 inch water main on Jim Byrd Road from Beverin Road to Greenhill Circle to serve new customers and provide fire protection. This project would provide water service for approximately 60 new customers.

This project is conceptual, design is waiting on funding. This proposed project is estimated to cost \$1,500,000.

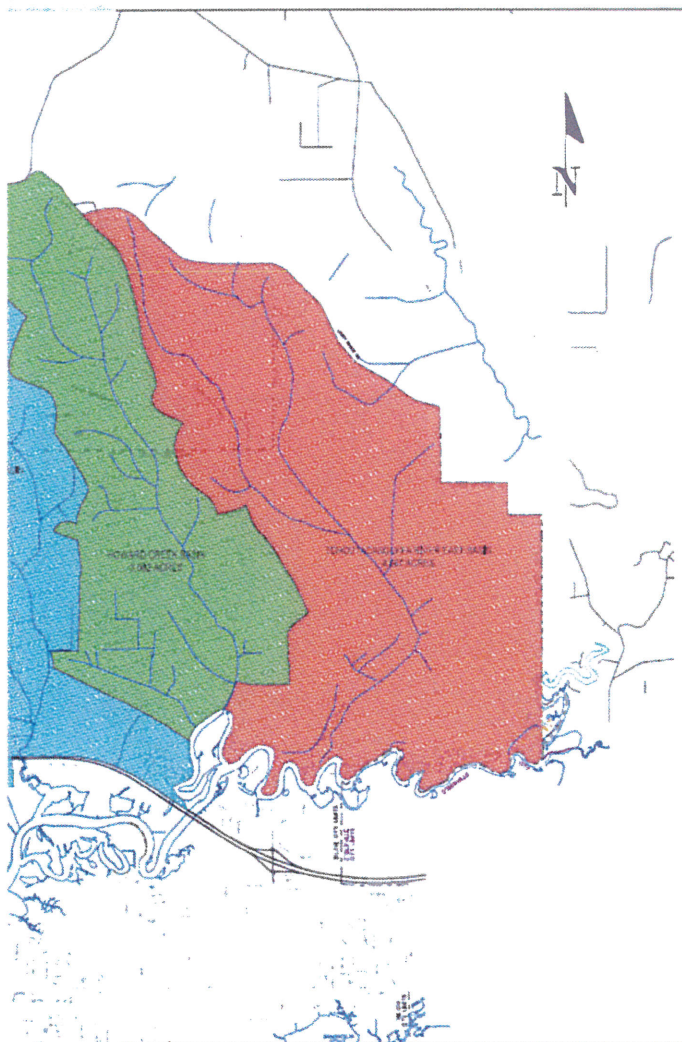


Tchoutacabouffa River Basin Drainage West

PROJECT SUMMARY

This proposed project will replace the existing drainage structures to allow more flow and increase capacity during heavy rainfall.

This project is conceptual, design is waiting on funding. This proposed project is estimated to cost \$1,500,000.



CONSULTANT TEAM

GARNER RUSSELL & ASSOCIATES
CONSULTING ENGINEERS

NEEL-SCHAFFER
CONSULTING ENGINEERS

LEGEND

- BILOXI RIVER BASIN
- PARKERS CREEK BASIN
- HOWARD CREEK BASIN
- TCHOUTACABOUFFA RIVER WEST BASIN
- TCHOUTACABOUFFA RIVER EAST BASIN

KEY MAP

Biloxi
established 1899

SCALE:	SHEET NUMBER
1" = 2000'	FIGURE 5-1
PLOT DATE	
3/15/2017	
DWG FILE	VA_CR BASINS

SUMMARY OF DRAINAGE AREA AND ANALYSIS POINT DATA
Basin "182"

Analysis Point #	Area			Road Name	Existing Structure
	Acres this area	AP's upstream	Total acres this point		
AREAS DRAINING SOUTH TO TOUHOUACABOUFFA RIVER, WEST OF PARKER'S CREEK:					
2009	6.8	none	6.8	East Shore Vue Drive	18" RCP
2008	9.1	none	9.1	River Vue Drive	24" RCP
2005	7.3	none	7.3	Shady Place	unknown
2002	10.4	none	10.4	Shore Cove	24"
2011	4.5	none	4.5	West River View Drive	13"x22" RCP
2003	45.6	2002, 2011	60.5	Pia Oak Drive	unknown
2004	20.7	none	20.7	Pia Oak Drive	24"
2006	8.4	none	8.4	River Vue Circle	24" RCP
2007	4.8	none	4.8	River Vue Circle	21" RCP
276	94.3	none	94.3	I-10	36" RCP
392	72.0	276	166.3	West Oaklawn Road	18"x28" RCP
390	9.7	none	9.7	West Oaklawn Road	18" RCP
382	15.3	none	15.3	West Oaklawn Road	27"x32" RCP
1003	101.7	382	117.0	Touhouabouffa River	ditch
147	35.3	none	35.3	Lorraine Road	24" RCP
150	141.8	147	177.0	Royette Drive	36" RCP
46	128.7	150	305.7	Oaklawn Road	5'x8' Conc
156	52.6	none	52.6	Woolmarket Road	42" RCP
180	236.7	none	236.7	Woolmarket Road	4'x8' Conc
125	23.2	none	23.2	Boss Huskey Road	36" RCP
1009	374.5	46, 125, 156, 180	992.8	North Oaklawn Road	unknown
499	39.5	1009	1,032.3	I-10	10'x10' Conc
1022	119.5	499	1,151.8	Touhouabouffa River	ditch
458	46.6	none	46.6	I-10	36"x51" RCP
456	31.5	458	78.1	West Oaklawn Road	18" RCP
461	155.8	none	155.8	I-10	5'x8' Conc
457	30.4	461	186.1	West Oaklawn Road	72"x114" CMP
270	37.7	none	37.7	West Oaklawn Road	25"x35" RCP
1021	160.4	270, 456, 457	462.5	none	ditch
268	32.4	none	32.4	West Oaklawn Road	18" CMP

Churchill Ditch Drainage Upgrade

PROJECT SUMMARY

This proposed project will upgrade the existing drainage ditch along Churchill Avenue.. This large north-south ditch is between Bay Vista and River Place neighborhoods and carries substantial amounts of stormwater drainage from both neighborhoods. This is a very large open ditch. Upgrade will increase the size and capacity of the ditch.

This project is conceptual, design is waiting on funding. This proposed project is estimated to cost \$1,200,000.



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Engineering Department, GIS Division

CHURCHILL DITCH DRAINAGE UPGRADE
PROJECT AREA

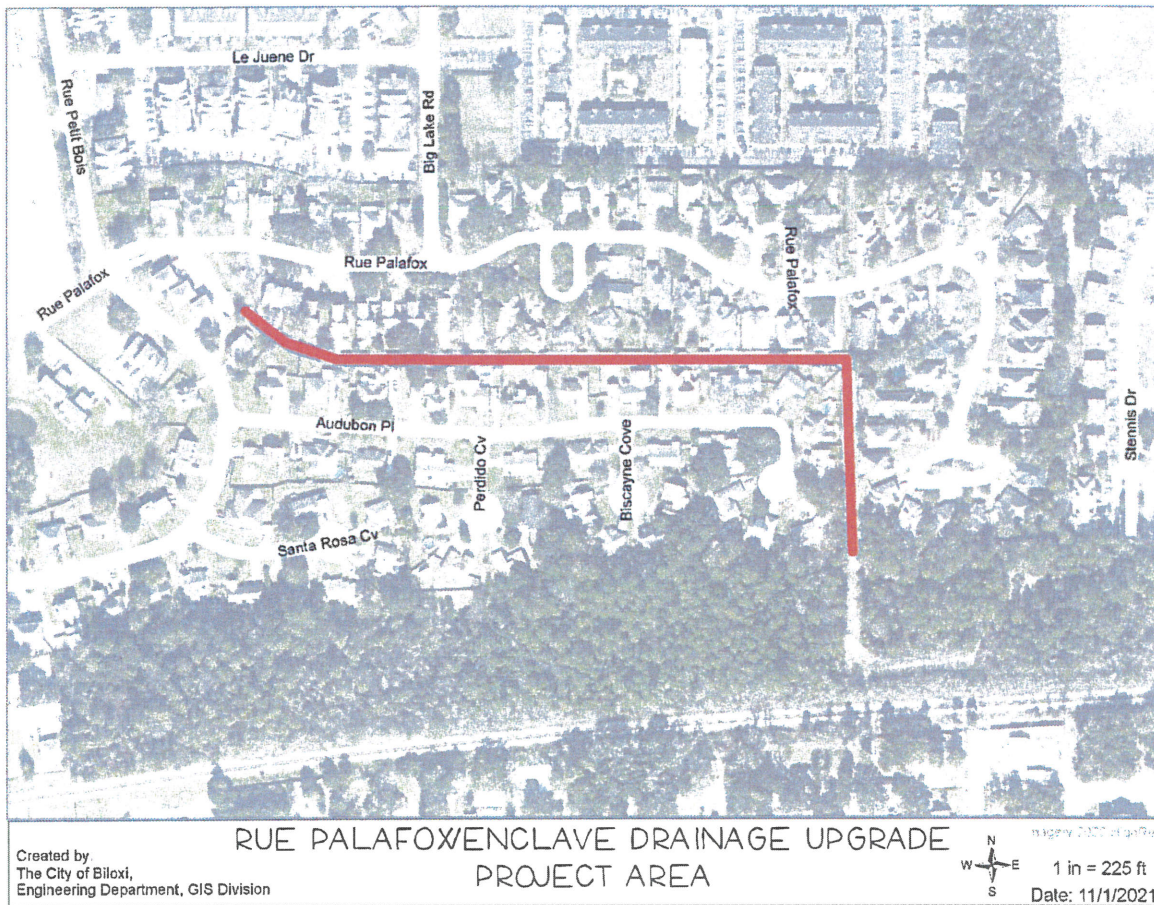
North Arrow
1 in = 307 ft
Date: 11/1/2021

Rue Palafox/Enclave Drainage Upgrade

PROJECT SUMMARY

This proposed project will improve the existing drainage infrastructure in this area. This is a large open ditch with additional buried pipe which carries a substantial amount of storm water from west Biloxi neighborhoods.

This project is conceptual, design is waiting on funding. This proposed project is estimated to cost \$1,500,000.

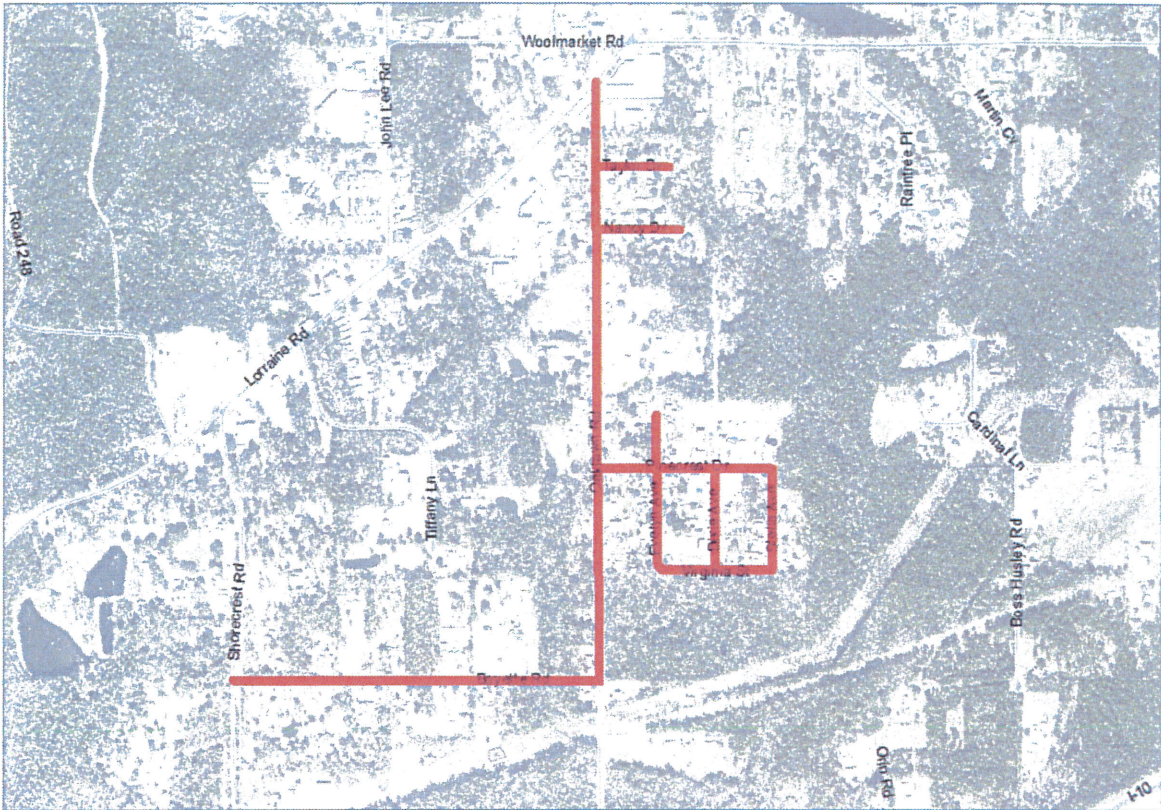


Boyette/Oaklawn Water/Sewer Improvements

PROJECT SUMMARY

This proposed project will replace the existing 2, 4, and 6 inch water mains from the 1960's with new 8 inch water mains and install new sewer mains. Roughly 50% of current water distribution lines are 1956-1960 vintage and undersized. New fire hydrant assemblies will be installed as part of this project. This project will provide water service and fire protection to existing customers and provide new sewer services to those residents.

This project is conceptual, design is waiting on funding. This proposed project is estimated to cost \$6,000,000.



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Engineering Department, GIS Division

BOYETTE/OAKLAWN WATER/SEWER REPLACEMENT PROJECT AREA

Image: 2020110704
N
W E 1 in = 681 ft
S
Date: 11/3/2021