

WRRDA 7001 Submissions Package
U.S. Army Corps of Engineers

Proposal Name: Lattice Branch Detention Pond

Submission Date: 09/19/2016

Proposal ID Number: 24b0bf7c-bffb-4917-8d38-e909182aab90

Purpose of Proposal: Lattice Branch Detention Pond would consist of roughly 50 acre detention pond providing roughly 500 acre-ft of storm water detention.

1. Administrative Details

Proposal Name: Lattice Branch Detention Pond

by Agency: St. Tammany Parish Government

Locations: LA

Date Submitted: 09/19/2016

Confirmation Number: 24b0bf7c-bffb-4917-8d38-e909182aab90

Supporting Documents

File Name	Date Uploaded
Lattice Branch Detention Pond Map.pdf	09/19/2016
Lattice Branch Detention Pond Support Letter.pdf	09/19/2016
Lattice Branch Detention Pond Cost.pdf	09/19/2016

2. Provide the name of the primary sponsor and all non-Federal interests that have contributed or are expected to contribute toward the non-Federal share of the proposed feasibility study or modification.

Sponsor	Letter of Support
St. Tammany Parish Government(Primary)	The St. Tammany Parish Administration is in full support of this project and will provide all necessary resources to ensure that it is completed.

3. State if this proposal is for a feasibility study, a modification to an authorized USACE feasibility study or a modification to an authorized USACE project. If it is a proposal for a modification, provide the authorized water resources development feasibility study or project name.

Feasibility Study

4. Clearly articulate the specific project purpose(s) of the proposed study or modification. Demonstrate that the proposal is related to USACE mission and authorities and specifically address why additional or new authorization is needed.

Latice Branch Detention Pond would consist of roughly 50 acre detention pond providing roughly 500 acre-ft of storm water detention.

5. To the extent practicable, provide an estimate of the total cost, and the Federal and non-Federal share of those costs, of the proposed study and, separately, an estimate of the cost of construction or modification.

	Federal	Non-Federal	Total
Study	\$818,507	\$0	\$818,507
Construction	\$8,185,071	\$0	\$8,185,071

Explanation (if necessary)

The project construction cost will be \$8,185,071. The soft cost (engineering, permitting, etc.) is \$3,944,059. The total cost is \$12,129,130. The estimated Federal study cost is 10% of the total construction cost for a total of \$818,507.

6. To the extent practicable, describe the anticipated monetary and nonmonetary benefits of the proposal including benefits to the protection of human life and property; improvement to transportation; the national economy; the environment; or the national security interests of the United States.

The Lattice Branch Detention Pond will benefit a total of 6,760 structures. 196 structures flooded in the March, 2016 flood event. The pond will increase the resiliency of the area and enhance the resident's quality of life. It will also reduce the amount of work days that

7. Does local support exist? If 'Yes', describe the local support for the proposal.

Yes

Local Support Description

The St. Tammany Parish Administration is in full support of this project and will provide all necessary resources to ensure that it is completed.

8. Does the primary sponsor named in (2.) above have the financial ability to provide for the required cost share?

Yes

Map Document

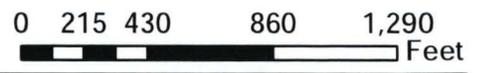
(This is as uploaded, a blank page will show if nothing was submitted)

Lattice Branch Detention Pond Map.pdf



Legend

-  St. Tammany Parish Waterways
-  Storm Water Ponds
-  Critical_Drainage_Areas
-  Floodzones_AE



STORM WATER POND- LATICE BRANCH

ST. TAMMANY PARISH
WATERSHED STUDY



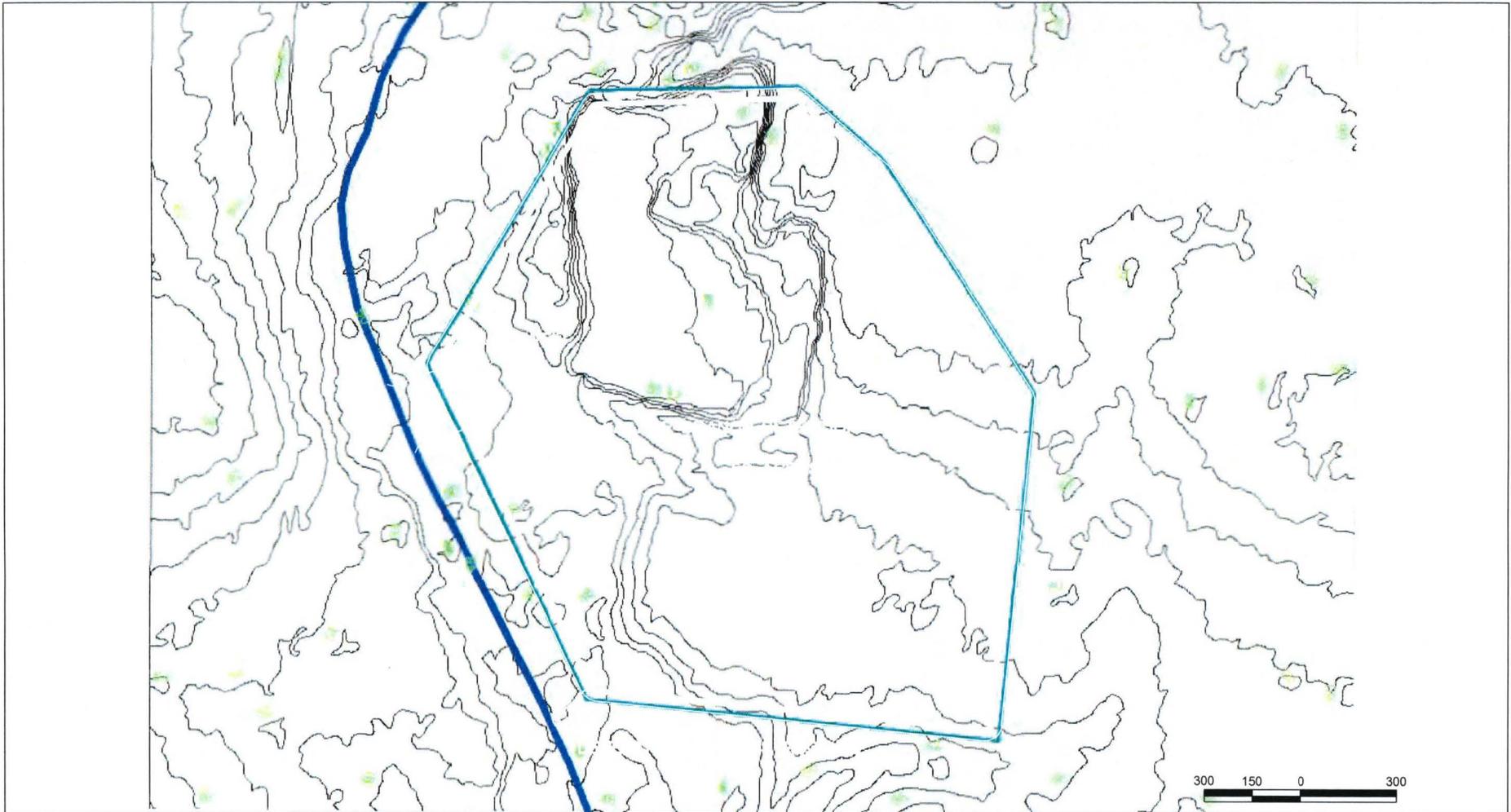
TYPICAL WASTEWATER INFRASTRUCTURE CONCEPTUAL PLAN

ST. TAMMANY PARISH WATER QUALITY MANAGEMENT STUDY
 COASTAL PROTECTION AND RESTORATION AUTHORITY

ST. TAMMANY PARISH, LOUISIANA



DATE: 12-1-2014
 St. Tammany Parish Watershed Study
 FIGURE



TYPICAL WASTEWATER INFRASTRUCTURE CONCEPTUAL PLAN

ST. TAMMANY PARISH WATER QUALITY MANAGEMENT STUDY
COASTAL PROTECTION AND RESTORATION AUTHORITY

ST. TAMMANY PARISH, LOUISIANA



DATE: 12-1-2014
St. Tammany Parish Watershed Study
FIGURE

Primary Sponsor Letter of Support

(As uploaded)

Lattice Branch Detention Pond Support Letter.pdf



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

September 9, 2016

Re: La Tice Branch Detention Pond

Dear Sir/Madam:

On behalf of St. Tammany Parish, I am pleased to submit La Tice Branch Detention Pond project for consideration under WRRDA and hereby request funding assistance from United States Army Corps of Engineers.

The La Tice Branch Detention Pond is intended to reduce the downstream water surface elevations by providing headwater hold-up. Construction of the pond is intended to minimize additional flooding in an area that is experiencing a very large and intense land development.

The roughly 50 acre detention pond will provide roughly 500 acre-ft of storm water detention.

Sincerely,

A handwritten signature in blue ink, appearing to read "Patricia P. Brister".

Patricia P. Brister
Parish President

Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

Lattice Branch Detention Pond Cost.pdf

Project: La Tice Branch Detention Pond
 Tributary to Bogue Falaya River

Waterway: La Tice Branch
 Project Type: Storm Water Pond

Construction Funding				
Item	Unit	Quantity	Unit Cost	Total Cost
Mobilization	LS	1	\$358,000	\$358,000
Land Clearing	AC	20	\$5,000	\$100,000
Excavation	CY	806,667	\$8	\$6,453,333
Inlet Structure & Outlet Structure	EA	2	\$20,000	\$40,000
Erosion Control	LS	1	\$30,000	\$30,000
Sod Side Slopes	SF	141,493	\$0.75	\$106,120
Piping	LF	100	\$300	\$30,000
			Subtotal	\$7,117,453
			15% Contingency	\$1,067,618
			Subtotal	\$8,185,071

Soft Cost				
Item	Unit	Quantity	Unit Cost	Total Cost
Engineering Design and Survey	LS	1	\$818,507	\$818,507
Permitting/Misc. Expense/Reimbursement	LS	1	\$30,000	\$30,000
Drainage Study & Surveying for Study	LS	1	\$150,000	\$150,000
Construction Inspection	LS	1	\$245,552	\$245,552
Land Acquisition	AC	50	\$40,000	\$2,000,000
Mitigation	AC	20	\$35,000	\$700,000
			Subtotal	\$3,944,059
			Grand Total	\$12,129,130