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DEP regulations related to pier restrooms-

Navarre Beach Pier is 1,545 long and current regulation will not allow for a restroom at any location on the pier. The length of the pier makes it extremely difficult for many people to utilize the pier due to the proximity to the shore restroom. Santa Rosa County desires for state regulation to allow self-contained portable restroom facilities to be placed during appropriate times and weather conditions on public piers which are longer than 1,200 feet.

Northwest Florida Industrial Park @I10-

The Northwest Florida Industrial Park @ I-10 is a 90 acre site owned and operated by Santa Rosa County. The industrial park is located at the corner of Highway 87 and Interstate 10. The County is requesting an additional \$4.6 million appropriation to complete infrastructure improvements at the industrial park. The funding will assist in the development of an additional 60 acres of industrial zoned property for prospective companies that would like to be located adjacent to Interstate 10.

In fiscal year 15/16 Santa Rosa County received \$1 million from the State of Florida for partial development of the property allowing 30 acres to be closer to shovel ready. Santa Rosa County has approved an additional \$264,200 to be added to the \$1 million appropriation to further develop infrastructure and construct a second entrance to the park.

The I-10 industrial park is an asset to the county as it offers a flat terrain with visibility to the interstate that company's desire. The Economic Development Office is working with two industrial clients that are considering this location.

Jeff Ates/Randy Brown Road Extension/Connector-

The County is requesting an appropriation of \$1.5 million to construct an extension of Randy Brown Road from Santa Rosa Industrial Park West to Santa Rosa Industrial Park East. Both East and West industrial parks are bordered by rail to the south which parallels Highway 90, with the only access points to the industrial parks crossing rail onto this highway. The road extension will allow access between the two parks and will give companies an alternative route to and from Highway 90 in case of rail stoppage that could block entry.

Additionally, based upon preliminary design the extension would allow for the availability of 100+ acres of industrially zoned property to expanding or relocating companies. In July 2016, we celebrated the expansion of Cape Horn Boats to this property, we want to continue this success by making more property available.

Whiting Aviation Park Construction Plans-

Santa Rosa County has a unique asset that is currently being under-utilized in the attraction of aviation companies. In order to start the process of developing the Whiting Aviation Park we are requesting \$600,000 to develop construction plans for the western boundary of the park between the back entrance of NAS Whiting Field and the proposed stormwater management facility.

The development of these construction plans will allow us to detail out more site specific plans for the development of the park. Since this plan only focuses on the northwestern geography of the park, earthwork needed for site development is considerably less than the southern part. Once plans are developed it will allow us to respond rapidly in the further development of physical infrastructure improvements with the ability to apply for other types of funding for this build-out. (See attached for more detail.)

Triumph Gulf Coast Support-

Much of the planning actives for Santa Rosa County's utilization of the various oil spill funds has considered Triumph Gulf Coast Funds as a major component of the economic development leg of the oil spill recovery efforts. It is paramount that the Florida Legislature maintain the integrity of this appropriation for its designated purpose of assisting the eight disproportionately affected counties.

Phase 2 of Camden Dive Outfall Project-

*The 2016 State legislature appropriated \$650,000 of a \$1.3 million dollar request to Santa Rosa County towards Phase I of the project which included the design, permitting and construction documents for the entire project and construction of Phase I improvements. Phases II will complete the improvements and will include the paving of Camden Drive, installation of drainage structures and stormwater upgrades along drainage ways. **This year's legislative request is \$820,000 to assist in the Phase II completion of this project.** (See attached for more detail.)*

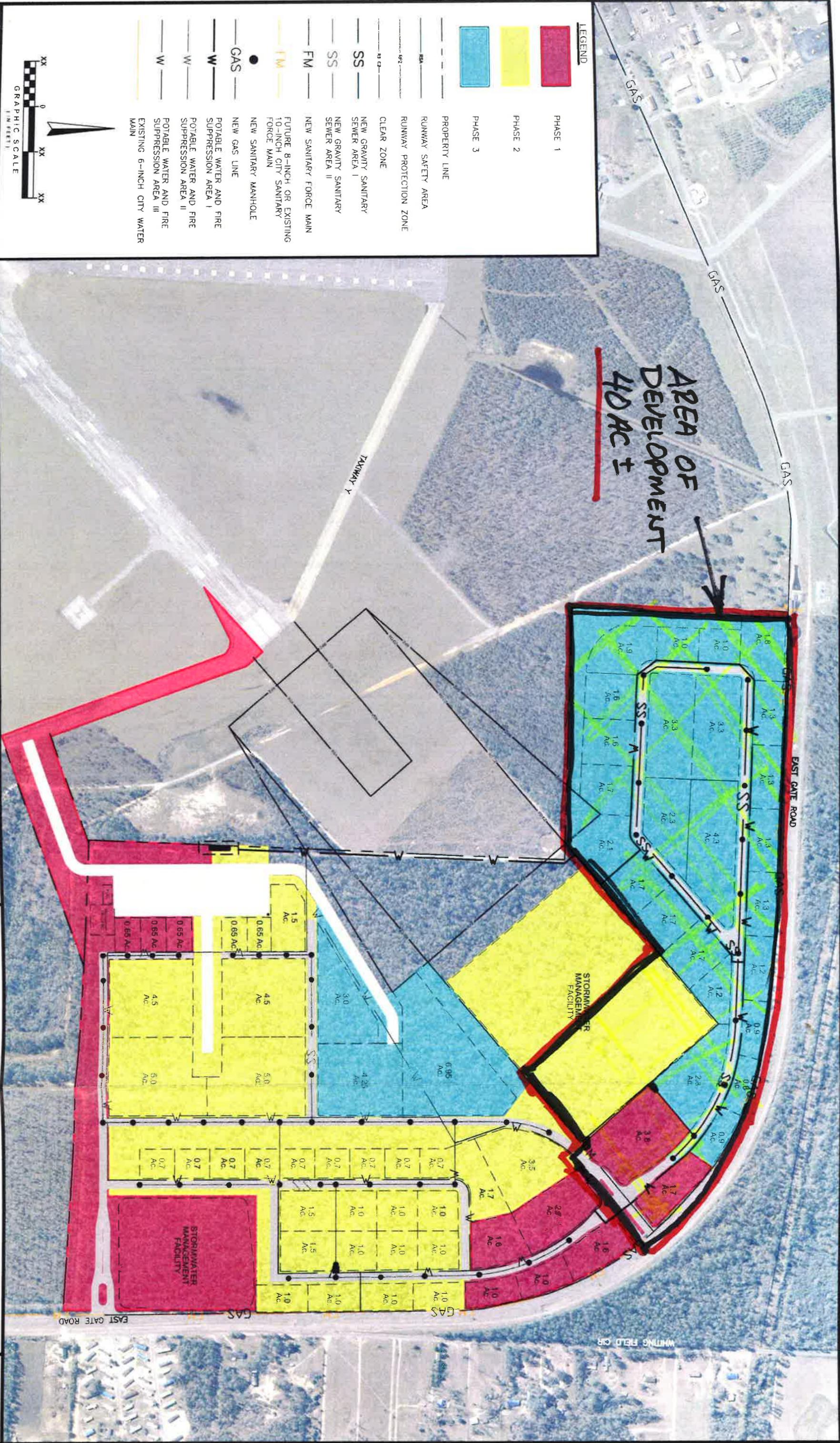
Tom King Bayou, Middle Branch, North Channel Restoration-

*This project consist of 2,600 linear feet of stream channel restoration throughout the channels length. Plans are to re-grade the channel, clear overgrowth and provide armoring as necessary. It will also serve as the outfall for future drainage improvements that have been proposed up-stream. Work will also require replacement of existing culvert at Barefoot Creek Circle. Completion of the project should reduce flood depths in the channel which will aid upstream drainage systems. **The legislative request is \$3.5 million to assist in the completion of this project.** (See attached for more detail.)*

Court funding (Clerk & other court related expenses/funding source)-

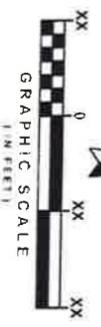
Clerk's Initiative: The Santa Rosa Board of County Commissioners fully supports the Clerks' continued efforts to work with the Legislature and identify a stable funding structure in which they are able to provide critical services to our citizens, business community and judicial partners.

Whiting Aviation Park Construction Plan Details



**AREA OF DEVELOPMENT
40 AC ±**

- LEGEND**
- PHASE 1
 - PHASE 2
 - PHASE 3
 - PROPERTY LINE
 - RUNWAY SAFETY AREA
 - RUNWAY PROTECTION ZONE
 - CLEAR ZONE
 - NEW GRAVITY SANITARY SEWER AREA I
 - NEW GRAVITY SANITARY SEWER AREA II
 - NEW SANITARY FORCE MAIN
 - FUTURE 8-INCH OR EXISTING 10-INCH CITY SANITARY FORCE MAIN
 - FM
 - NEW SANITARY MANHOLE
 - GAS
 - NEW GAS LINE
 - POTABLE WATER AND FIRE SUPPRESSION AREA I
 - POTABLE WATER AND FIRE SUPPRESSION AREA II
 - POTABLE WATER AND FIRE SUPPRESSION AREA III
 - EXISTING 6-INCH CITY WATER MAIN
 - W
 - W
 - W



Whiting Aviation Park Master Plan
Santa Rosa County, Florida

Capitol Improvement Program &
Phasing Plan

Figure
7.1

Phase 2 of Camden Drive Outfall Project Details



SANTA ROSA COUNTY ENGINEERING DEPARTMENT

ROGER BLAYLOCK, P.E.
County Engineer
rogerb@santarosa.fl.gov

6051 Old Bagdad Highway, Suite 300 | Milton, Florida 32583

MEMORANDUM

TO: Tony Gomillion, County Administrator

FROM: Roger A. Blaylock, P.E. County Engineer 

DATE: November 3, 2016

RE: Camden Drive Drainage Project Phase II

PROJECT DESCRIPTION:

The Camden Drive Drainage Project will improve the quality of stormwater runoff entering Tom King Bayou as well as the conveyance of stormwater through portions of the western watershed. The project will reduce TSS by providing stabilized flow ways with reduced runoff velocities as a result of improved flow areas and adequately sized conveyance ditches and culverts as well as the paving of Camden Drive. Total project cost is estimated at \$2.6 million.

DISCUSSION:

The 2016 State legislature appropriated \$650,000 to Santa Rosa County towards Phase I of the project which includes the design, permitting and construction documents for the entire project and construction of Phase I improvements. Phase I cost estimate is \$1.3 million. Phase II will complete the improvements and will include the paving of Camden Drive, installation of drainage structures and stormwater upgrades along drainage ways. Phase II project costs is \$820,000.

RECOMMENDATION:

Recommend legislative request of \$820,000 to complete Phase II of the Camden Drive Drainage project.

RAB/cap

ESTIMATE OF PROBABLE COST



PROJECT: Camden Drive Phase II
LOCATION: Santa Rosa County, FL
Prepared by: MDL

Date: August 2016
Reviewed by: WJH

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization/Demobilization	1	LS	\$10,000.00	\$10,000.00
2	Maintenance of Traffic	1	LS	\$25,000.00	\$25,000.00
3	Hay Bales	1,500	EA	\$13.50	\$20,250.00
4	Silt Fence	3,000	LF	\$7.50	\$22,500.00
5	Select Demolition Elbing Street Culvert	1	LS	\$15,000.00	\$15,000.00
6	Select Demolition Kempton Street Culvert	1	LS	\$15,000.00	\$15,000.00
7	Select Demolition Bellingham Street Culvert	1	LS	\$20,000.00	\$20,000.00
8	Select Demolition Indian Street Culvert	1	LS	\$15,000.00	\$15,000.00
9	DBL 3'x4' Box Culvert W/Headwall	1	EA	\$70,000.00	\$70,000.00
10	3'x5' Box Culvert W/Headwall	2	EA	\$50,000.00	\$100,000.00
11	19"x30" Reinforced Concrete Pipe (ERCP)	120	LF	\$75.00	\$9,000.00
12	19"x30" RCP Mitered End Section (MES)	4	EA	\$1,850.00	\$7,400.00
13	12" Stabilized Subgrade	5,000	SY	\$8.00	\$40,000.00
14	8" Limerock Base	5,000	SY	\$20.00	\$100,000.00
15	1.5" SP-12.5 Asphalt	4,400	SY	\$7.00	\$30,800.00
16	Seed and Mulch	3,300	SY	\$1.25	\$4,125.00
17	Sod	1,000	SY	\$3.75	\$3,750.00
18	Signage and Striping	1	LS	\$5,000.00	\$5,000.00
19	Misc Restoration	1	LS	\$30,000.00	\$30,000.00
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Note:

Unit prices shown in this opinion of probable cost are based on the following cost databases:
 *Florida Department of Transportation Historical Statewide Cost Information
 *Baskerville-Donovan, Inc. Historical Bid Tab Information

SUBTOTAL	\$542,825.00
Contingency (20%)	\$108,565.00
SUBTOTAL WITH CONTINGENCY	\$651,390.00
Consulting Fees (15%)	\$97,708.50
Construction Fees (10%)	\$65,139.00
Agency Permitting Fees	\$5,000.00
TOTAL	\$819,237.50

Tom King Bayou, Middle Branch, North Channel Restoration



SANTA ROSA COUNTY ENGINEERING DEPARTMENT

ROGER BLAYLOCK, P.E.
County Engineer
rogerb@santarosa.fl.gov

6051 Old Bagdad Highway, Suite 300 | Milton, Florida 32583

MEMORANDUM

TO: Tony Gomillion, County Administrator

FROM: Michael W. Schmidt, P.E., Assistant County Engineer *Michael*

THROUGH: Roger A. Blaylock, P.E. County Engineer *Roger*

DATE: November 3, 2016

RE: Regarding: Legislative Priority List – HBTS improvements

DISCUSSION:

With the information provided, by the existing conditions stormwater model, a list on improvements was developed to route stormwater more efficiently, to reduce home, yard and street flooding. This list of 34 projects was given a score and cost to provide a comparison and was intended to provide a tool to aid in stormwater project programming.

BACKGROUND:

In April 2014 the Santa Rosa Board of County Commissioners choose Baskerville-Donovan Engineering to complete a watershed study the Holly by the Sea area. The area of study included several subdivisions, 13.4 square miles, (8,580 acres) with approximately 5000 single family homes. In January of 2016 Baskerville-Donovan presented the BOCC with an existing condition(s) stormwater model simulation and a number of conceptual solutions and alternatives.

RECOMMENDATION:

Discussion of the "Tom King Bayou, Middle Branch, North Channel Restoration" (TKB 7) with an estimated cost of 3.5 million dollars as outlined in the HBTS drainage study.

MWS/cap

Conceptual Improvements, Prioritized by Score
Holley by the Sea Drainage Study

Project:	Cost:	Final Score:	Downstream Projects:	Stand-Alone Cost ¹ :
TKB 3 Tom King Bayou East Branch Channel Restoration	\$ 6,700,000	17	N/A	\$ 6,700,000
TKB 7 Tom King Bayou Middle Branch, North Channel Restoration	\$ 3,500,000	14	N/A	\$ 3,500,000
WCW 3 West Williams Creek Channel Restoration	\$ 1,150,000	12	N/A	\$ 1,150,000
WCW 1 Palmetto Drive Drainage System	\$ 1,835,000	10	WCW 3	\$ 2,985,000
TKB 9 Tom King Bayou West Branch Channel Restoration	\$ 3,000,000	10	N/A	\$ 3,000,000
TKB 1 Basswood Drive Drainage Improvements	\$ 1,100,000	9	TKB 3	\$ 7,800,000
WCE 1 Williams Creek East, South Channel Restoration	\$ 7,050,000	8	N/A	\$ 7,050,000
LE 1 Crittenden Drive Area Improvements	\$ 430,000	8	N/A	\$ 430,000
TKB 10 Sherwood Dr. Drainage Improvements	\$ 800,000	7	TKB 9	\$ 3,800,000
TKB 13 Citrus Dr. Drainage System Improvements	\$ 2,265,000	6	N/A	\$ 2,265,000
TKB 11 Camden Dr. Outfall Improvements	\$ 1,000,000	5	TKB 9	\$ 4,000,000
TKB 17 Banyan Drive Drainage Area Improvements	\$ 490,000	5	TKB 7	\$ 3,990,000
TKB 6 Freedom Ct North Channel Improvements	\$ 1,950,000	4	TKB 3	\$ 8,650,000
TKB 8 Tom King Bayou Middle Branch, South Channel Restoration	\$ 5,800,000	4	TKB 7	\$ 9,300,000
WCW 2 Drainage System Improvements, Aurora St. to Resort St.	\$ 900,000	4	N/A	\$ 900,000
TKB 5 Freedom Ct South Channel Improvements	\$ 2,700,000	3	TKB 3	\$ 9,400,000
TKB 15 Sunrise Drive Drainage Improvements	\$ 1,300,000	3	TKB 7	\$ 4,800,000
WCE 2 Williams Creek East, Northeast Channel Restoration	\$ 4,700,000	3	WCE 1	\$ 11,750,000
EDN 1 West Ditch Improvements	\$ 800,000	3	N/A	\$ 800,000
EDN 5 East Bay Boulevard Culvert Upgrades	\$ 250,000	3	N/A	\$ 250,000
HDN 1 Brewster St. Outfall	\$ 1,800,000	3	N/A	\$ 1,800,000
TKB 2 Glassport Street Drainage Improvements	\$ 325,000	3	TKB 11, TKB 9	\$ 4,325,000
WCE 3 Williams Creek East, Northwest Channel Improvements	\$ 1,400,000	2	WCE 1	\$ 8,450,000
WCW 4 Sandstone St. South Channel Improvements	\$ 260,000	2	WCW 3	\$ 1,410,000
EDN 2 Admiral St. N Drainage Improvements	\$ 650,000	2	N/A	\$ 650,000
EDN 4 Bluefish Rd Area Drainage System	\$ 1,650,000	2	N/A	\$ 1,650,000
HDN 2 Pepper Dr. Drainage System Improvements	\$ 1,100,000	2	N/A	\$ 1,100,000
NP 1 Water Street Area Drainage Improvements	\$ 490,000	2	N/A	\$ 490,000
TKB 14 Broadmoor St. Outfall	\$ 2,300,000	2	TKB 5, TKB 3	\$ 11,700,000
TKB 16 Sunrise Drive Entrance Improvements	\$ 530,000	1	N/A	\$ 530,000
WCE 4 Leisure Street Drainage Improvement:	\$ 9,765,000	1	WCE 1	\$ 16,815,000
EDN 3 Edgewood Dr. Drainage Improvements	\$ 630,000	1	N/A	\$ 630,000
TKB 4 Crescent Road Relief Pipeline	\$ 5,850,000	1	TKB 7	\$ 9,350,000
TKB 12 Federal Street Drainage Pipe	\$ 875,000	0	EDN 1	\$ 1,675,000

Key:

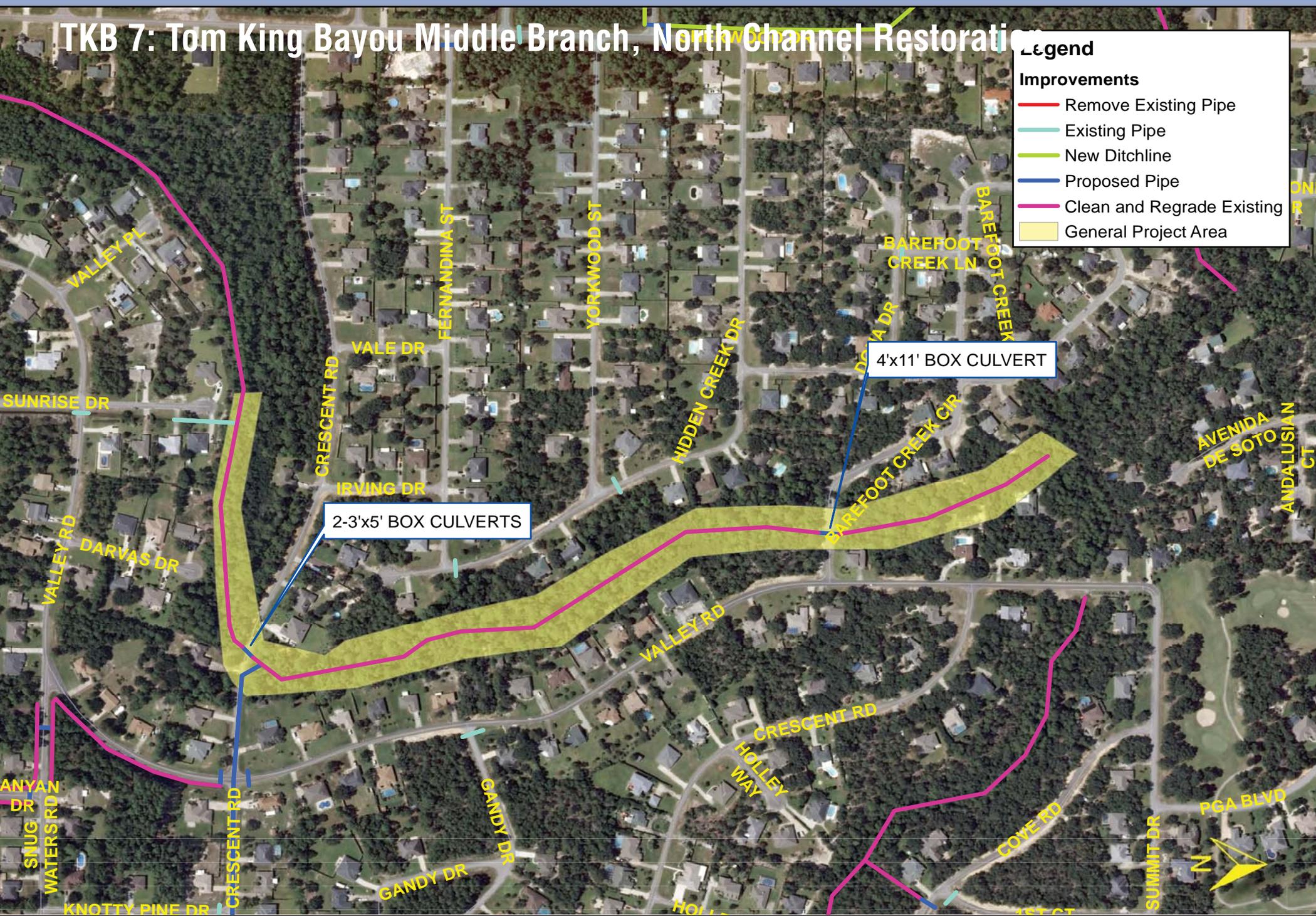
¹Stand-Alone Cost is the sum of the projects cost and the costs of all necessary downstream projects.

TKB 7: Tom King Bayou Middle Branch, North Channel Restoration

Legend

Improvements

- Remove Existing Pipe
- Existing Pipe
- New Ditchline
- Proposed Pipe
- Clean and Regrade Existing
- General Project Area



TKB 7: Tom King Bayou Middle Branch, North Channel Restoration

Current Conditions

The north section of the Middle Branch of Tom King Bayou is a drainage channel that extends from northwest of Barefoot Creek Drive to Crescent Road. Flooding within this channel is not an immediate concern as it does not seem to impact any structures or overtop roadways. However, this channel serves as the outfall for several large areas of drainage to the south. For this reason a reduction in flow depths could aid upstream drainage which is needed.

Conceptual Improvement Description

The project consists of 2,600 linear feet of stream channel restoration throughout the channels length. Plans are to re-grade the channel, clear overgrowth and provide armoring as necessary. It will also serve as the outfall for future drainage improvements that have been proposed upstream. Work will also require replacement of the existing culvert at Barefoot Creek Circle.

Results

Completion of the project should reduce flood depths in the channel which will aid upstream drainage systems. The model indicates that depths at the upper reaches of the channel could be decreased by up to 9” and should protect Crescent Road from overtopping. However, this project will need to be permitted by the US Army Corps of Engineers and as such the exact extent of the re-grading efforts will not be known until permitting efforts are begun.

Dependence

This project is independent of other improvements.

COST	SCORE
\$3.5M	14