

March 17, 2009

## LAWHON DETENTION

### PROBLEM DESCRIPTION

The 374 acre watershed which is the subject of this application experiences frequent and severe structure flooding. This watershed is a rural/residential area in Jefferson County southwest of Beaumont, Texas, known as Cheek. The drainage outfall for the east side of Cheek is a small ditch known as Bayou Din. The Bayou Din Channel is a very small channel, only 3 feet deep and 8 feet wide, which winds through Cheek and lies in a wide floodplain. The floodplain acts as a wide above-ground detention basin. Unfortunately, many homes and other buildings were built in this floodplain.

Latitude/Longitude	30°00'15" N	94°15'27" W
Firm / Yes	4803850120C	
Zones	A and E	

### SCOPE OF WORK / GOALS

The goal of this project is to lower flood water surface elevations and reduce structure flooding. The south end of the area's floodplain will be excavated so that the volume of floodwater will be detained below ground rather than above ground. Pasture and vacant land is available adjacent to the inhabited area, which will be purchased and excavated sufficiently to detain 155 acre feet of floodwaters. It should be noted that a large part of the floodplain further away from the inhabited area will not be disturbed and will be allowed to flood since development does not exist in the area. Future development will be carefully regulated to keep buildings out of and above the floodplain.

The volume of excavated detention in the problem area will be greater than the volume of existing above ground flooding. This additional detained volume will decrease downstream peak flow rates and allow the downstream channel and associated crossings to be adequate.

<u>TASK</u>	<u>START</u>	<u>STOP</u>
Final Engineering	Week 1	Week 3
Property Surveying	Week 4	Week 5
Property Acquisition	Week 5	Week 15
Excavation & Haul	Week 16	Week 40
Downspout Installation	Week 41	Week 44
Final Dress-up	Week 45	Week 47
Seeding	Week 48	Week 49

## **DECISION MAKING PROCESS**

The project area was chosen because of the known flooding problems which exist there. Citizens and representative of the community have urged Jefferson County Drainage District No. 6 to consider providing flood relief. Citizens have seen other detention projects in Beaumont and are happy about the prospect of using the detention areas for a community park. Even though some of the area to be excavated is considered to be low quality wetlands, this excavation activity will not adversely affect the wetlands and will, over time, increase the wetland quality. The areas to be excavated are currently pasture lands. The majority of the detention basin will remain pasture land, while the rest will become a community park.

## **EXPLANATION AS TO WHY THIS PROJECT IS THE BET ALTERNATIVE**

When analyzing the solution for the flooding problem there were four alternatives considered: 1) no action, 2) channelization, 3) buyouts, and 4) detention. Alternative 4 is by far the best alternative. The buyout and channelization alternatives were excluded because of economic reasons. The no action alternative was unacceptable due to the frequency and severity of the home flooding in the area. All of the alternatives have equal environmental impacts, and that being a “no significant impact.” The proposed detention basin will be planted with native grasses and will be a permanent green space in the center of this residential area. The channelization alternative’s cost quickly escalated because in order to accommodate the increase in flow rates that would be caused, the channel would have to be improved for several miles downstream along with all of the crossings to include 3 county roads, 17 driveways and an interstate highway. This cost paired with the right-of-way acquisitions far exceeds the cost of detention, and the right-of-way acquisitions would be an extremely lengthy undertaking. The location of the proposed detention (in the very upper reaches of the watershed), along with a willing and cooperative landowner, makes this a very viable project.

## **DESCRIPTION OF GROUND AND VEGETATION DISTURBANCE**

41 acres of cow pasture will be disturbed during this project. The pasture currently consists of grass and a few small trees. The pasture will be excavated 4 to 9 feet deep, shaped, reseeded with native grass, and then returned to pasture land.

## **HYDROLOGIC AND HYDRAULIC ANALYSIS**

The capacity of the existing and proposed drainage system was analyzed using computer programs based on the Manning Flow Equation for culverts and open channels. The volume of water stored in flooded areas was calculated using a contour map generated from collected field data. Also included was the volume of water stored in ditches and culverts.

The US Army Corps of Engineers’ (USACE) program Hydrologic Engineering Center River Analysis System (HEC-RAS) and Hydrologic Engineering Center Hydrologic Modeling System (HEC-HMS) were utilized to calculate flows of various locations in the watershed. Inputs into the modeling included area, time of concentration, soil properties, amount of impervious cover, storage coefficients, and rainfall distributions. The relationship of each sub-area to the others was also defined, as well as the flood hydrograph routes. The storage, outflow, and elevation relationship was carefully determined by balancing the volume and flows in the HEC-HMS model with the volume and flows in the HEC-RAS model.

The flow rates calculated were compared to the existing capacity, and alternatives were analyzed providing the most practical, economical, and environmentally appropriate solution to the problems. Downstream areas were taken into consideration, and alternatives were chosen that make sense for the entire area. The water surface profiles for the various hypothetical storm events generated by the HEC-RAS model as well as the calculated flow rates from the HEC-HMS model are attached.

**TYPE AND SOURCE OF THE PROBLEM**

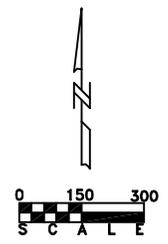
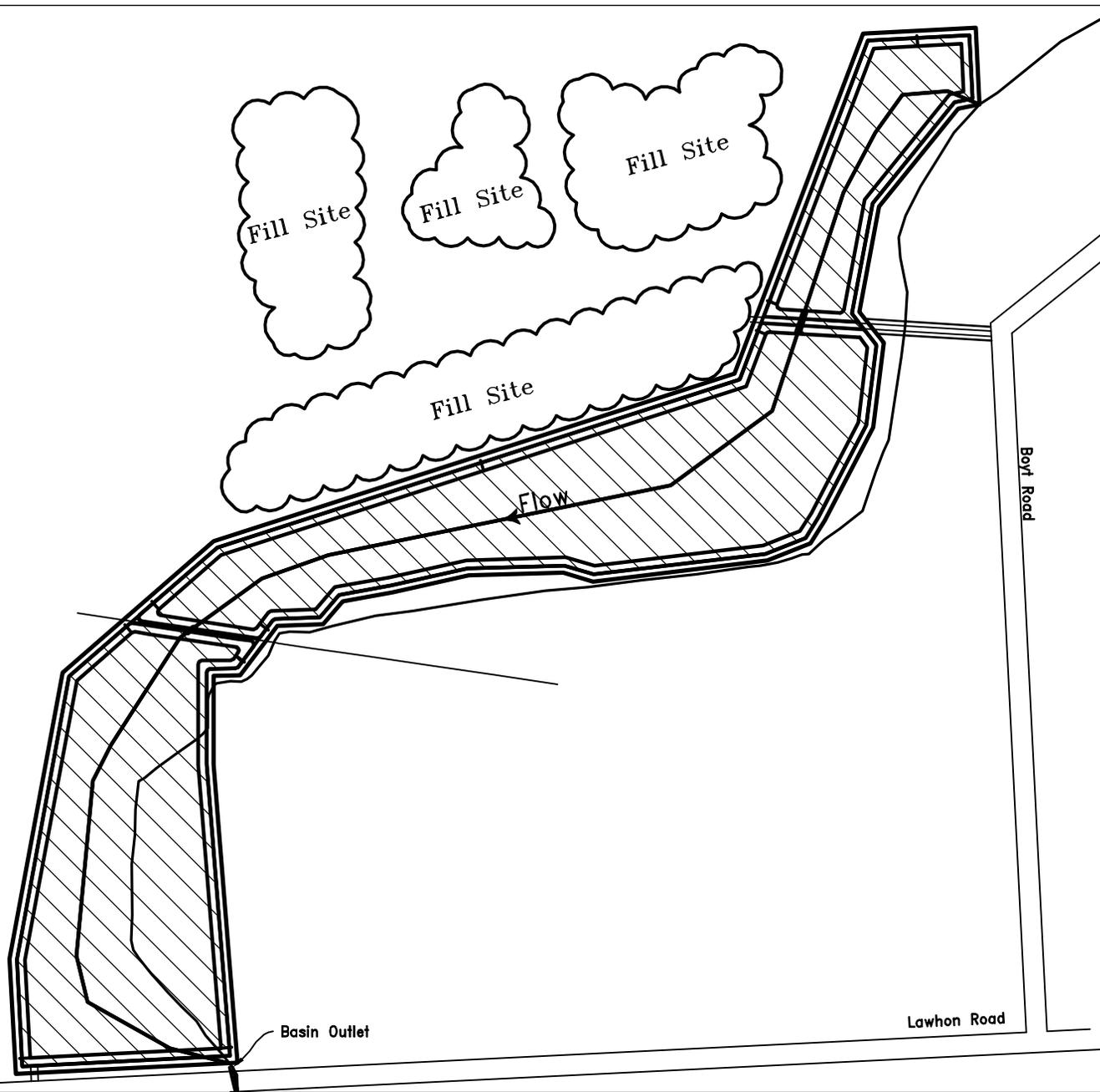
The source of the flooding problem is Ditch 400, the upper end of Bayou Din. The channel of Ditch 400 is too small to convey flood flows without the occurrence of over-the-bank flooding.

**LAWHON — COST ESTIMATE**

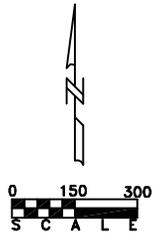
<b>ITEM</b>	<b>QUANTITY UNIT</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
Right-Of-Way Acquisition	38 acres	\$2,000.00	\$76,000.00
Clearing	38 acres	\$600.00	\$22,800.00
Excavation & Haul	250,000	\$5.00	\$1,250,000.00
Pipeline Crossing	1 L.S.	\$4,000.00	\$4,000.00
Spoil Disposal Area	1 L.S.	\$200,000.00	\$200,000.00
Downspouts	8	\$1,800.00	\$14,400.00
Dress-up	1 L.S.	\$70,000.00	\$10,000.00
Seeding	38 acres	\$500.00	\$19,000.00
Crossing	1 L.S.	\$5,000.00	\$5,000.00

**SUB-TOTAL**            \$1,601,200.00

COST ESTIMATE	\$1,601,200.00
5% ADMINISTRATIVE COSTS	\$81,560.00
ENGINEERING COSTS	\$30,000.00
<b>TOTAL</b>	<b>\$1,712,760.00</b>



Jefferson County  
Drainage District No. 6  
Bayou Din  
Lawhon Detention  
Ditch 400  
Plan View  
on Aerial  
Sheet 1 of 3



(3) 48" Pipes  
DFL = 23.3'

DFL = 23.6'

Proposed 40'  
Access Easement

Private Drive

Basin Top

Sheet 3 of 3

Basin R.O.W.

Basin Toe

Basin Toe

(3) 36" Pipes  
DFL = 22.2'

Pilot Channel @ 0.05% Flow

Basin R.O.W.

Sheet 3 of 3

Basin Top

Sunoco Pipeline

Sheet 3 of 3  
B

Sheet 3 of 3  
B

- Typical Downspout
- Swale Ditch Flow Pattern
- ⇒ Basin Bottom Slope

Basin Outlet  
DFL = 21.5'

Lawhon Road

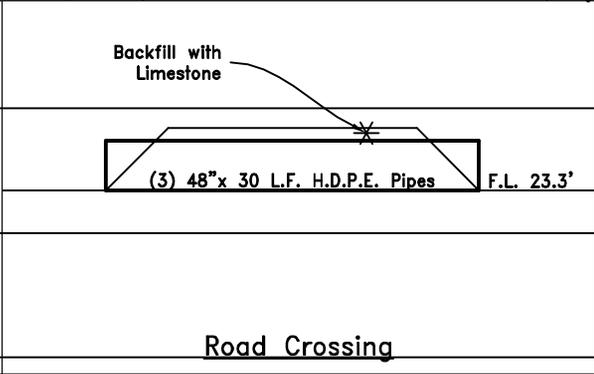
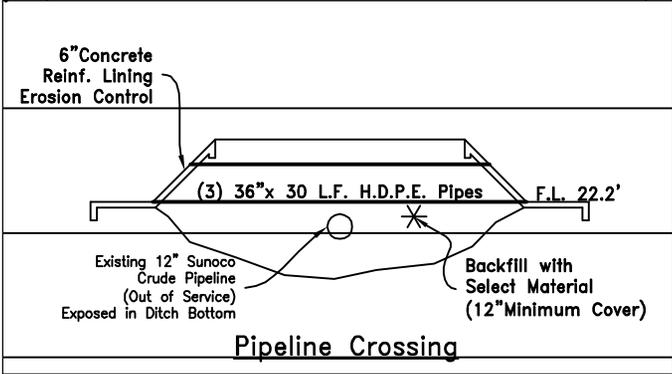
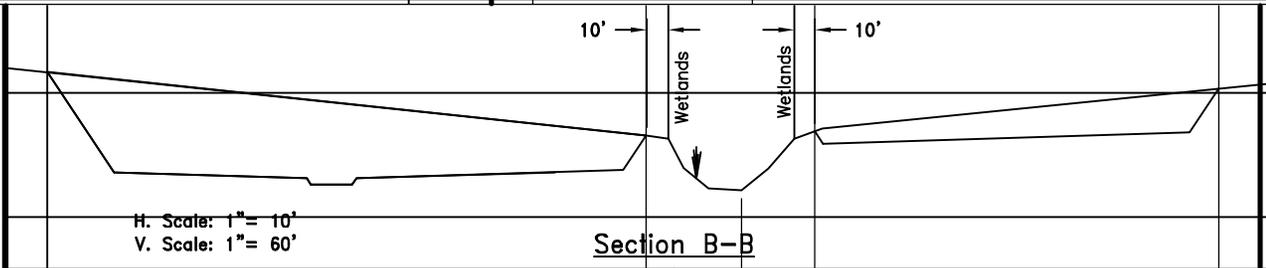
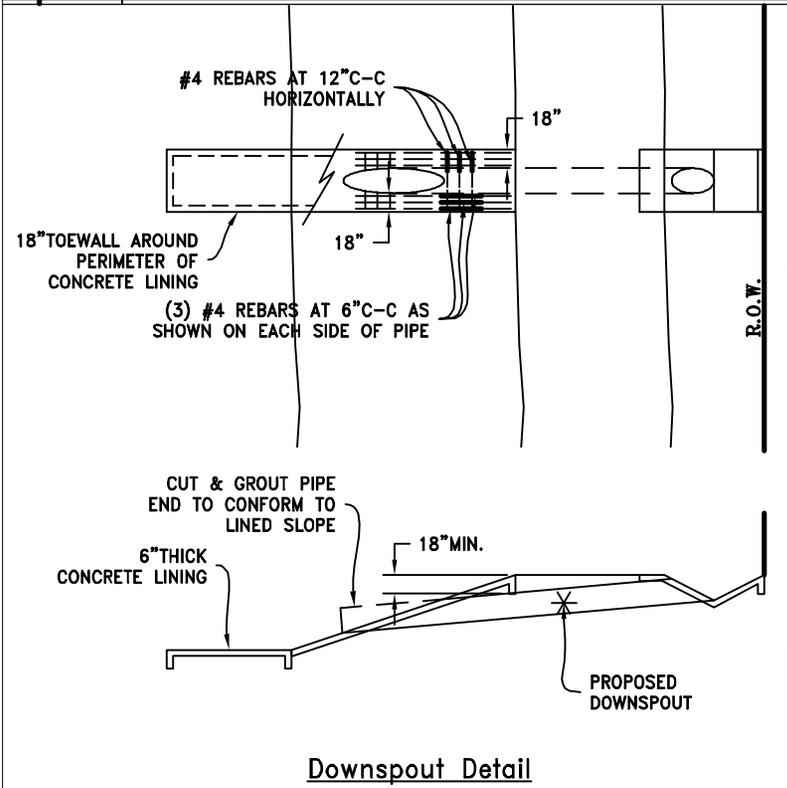
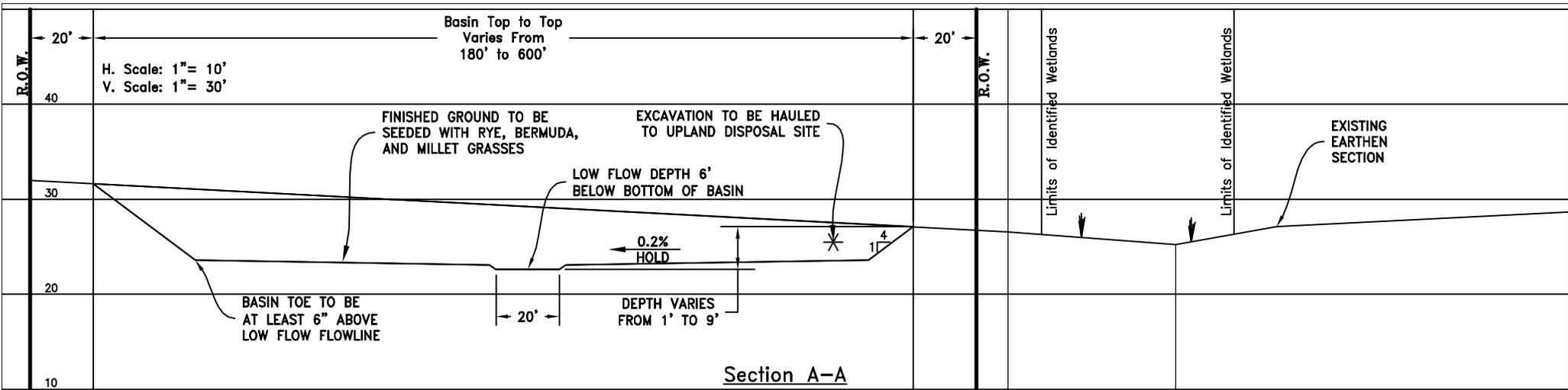
Lawhon Access Drive

Bayou Road

**General Notes:**

1. All concrete shall be 3,000 p.s.i. compressive strength at 28 days.
2. All slope paving shall be 6" w/#4 rebar at 12" C-C each way centered in paving.
3. 38 Acre Basin site shall be cleared and grubbed of all stumps.
4. Pipeline company to be notified 24 hours prior to backfill around pipeline and culvert placement. Sunoco Pipeline (409) 504-8056
5. Swale ditches shall have 3:1 slopes and graded @ 0.1% minimum.
6. Upland fill sites shall be designated by the landowner and provided maximum side slopes of 6:1. Fill to be compacted by dozer.

**Jefferson County  
Drainage District No. 6  
Bayou Din  
Lawhon Detention  
Ditch 400  
Plan View with  
Design Grades  
Sheet 2 of 3**



JEFFERSON COUNTY DRAINAGE DISTRICT No. 6  
LAWHON ROAD DETENTION  
TYPICAL BASIN SECTION AND DETAILS  
Sheet 3 of 3

**FEMA-1780-TX-20**

**Jefferson County Drainage District 6 - Lawhon Detention Basin**

This letter is in response to the Hazard Mitigation Grant Program (HMGP) application submitted by the State on behalf of the Jefferson County Drainage District 6 for mitigation of a neighborhood through construction of a storm water detention pond. Funding was requested to mitigate residential flooding through construction of a new storm water facility through FEMA-1780-DR-TX.

Section 404(c) of the Stafford Act (42 USC § 5170c), as implemented in 44 CFR §206.434 (c) *Minimum Project Criteria (4)* states that provides proposed projects must ... *Solve a problem independently or constitute a functional portion of a solution where there is assurance that the project as a whole will be completed...* The second submittal documents did not sufficiently address the concerns raised during the first project review, specifically: addressed:

- a. Engineering parameters, assumption and methodologies used in the project design were not fully characterized in the first submittal and second submittal documents did not resolve concerns;
  - b. Review of HEC-1 results indicates that the elevation-volume-discharge curves used in the model might be not correct. In HEC-1 input data for the first storage in the model the storage decreases from 60 to 59 ac-ft when elevation increases from 31 to 32 ft. The flow capacity for both existing and propose detention basin are questionable. The effective FIS profiles show that back water elevation 31 feet for all 4 flood events. This may indicate that flow capacity is not controlled by the culverts under Lawhon Road but by the crossing structure at Callier Canal. Three (3) other split flow locations might exist and should be identified to see the potential affect on the water surface elevations in the project area (see FIRM panel 235);
  - c. Although the sub-application provided HEC-1 analysis results, preliminary design plans of the detention basins are not provided and therefore there is insufficient information to show that the project design complies with all applicable local, State, or Federal codes and engineering standards. The HEC-1 program might not be suitable for a backwater affected area. HEC-RAS unsteady flow model (or other similar program) should be used to route the detention basin in order to consider tailwater conditions and obtain reasonable results; and
  - d. The second review found that the given 46 acre-detention basin might not be enough to reduce the water surface elevation to proposed level because the analysis could be overestimating the flow capacity (discharge leaving the detention basin).
2. Section 404(c) of the Stafford Act (42 USC § 5170c), as implemented in 44 CFR §206.436 *Application procedures. (c) Hazard mitigation application* lists required elements of the Hazard Mitigation Grant Program application: *The narrative statement will also serve to identify the specific mitigation measures for which funding are requested. Information required for each mitigation measure shall include the following:*
- (6) *Analysis of the measure's cost-effectiveness and substantial risk reduction, consistent with §206.434(c);*

If the engineering solution were sound, issues with the benefit cost analysis would still require resolution. The positive BCA that was achieved did not remove the homes that the proposed project would actually not benefit (see the attached engineering report). In addition, although the methodology used to obtain the BCR is unconventional, the logic and assumptions appear to be sound. The documentation is sufficient for the methodology used; however, the individual BCA runs were not available to the reviewer. Therefore, major inconsistencies that were found in 1) the

benefits spreadsheet, and 2) the outputs of the BCA Module for 8 of the 33 structures should be explained before the sub-application can be approved.

Please submit all requested documents as soon as possible. If you have any questions concerning this matter, please contact me at 713-967-7014.

LaMance T. Woods, MPA  
Hazard Mitigation Specialist  
Texas Division of Emergency Management

Jefferson County  
**Drainage District No. 6**

P.O. Box 20078  
6550 Walden Rd. • Beaumont, Texas 77720-0078

Telephone (409) 842-1818

Fax (409) 842-2729

Established in 1920

Lawson  
**COPY**  
cc: Betty w/o Encl  
Richard w/o Encl

*Board of Directors*

Sam O. Smith  
Joshua W. Allen, Sr.  
James D. McNicholas  
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Betty S. Holman  
Asst. General Manager  
Administration

November 2, 2011

Ms. Hildy Soper  
Governors Division of Emergency Management  
Texas Department of Public Safety  
Box 4087  
Austin, Texas 78773-0226

Re: FEMA – 1780 – DR – TX  
Response to Concerns Raised by LaMance T. Woods

Dear Ms. Soper:

We have hired a consulting engineer who constructed HEC-HMS and HEC-RAS models of the project which confirmed the beneficial nature of the project. With this letter, we address the general and specific concerns raised by Mr. LaMance Woods.

**GENERAL RESPONSE:**

Mr. Woods raised important issues regarding the effective FIRM, diversion points, as well as questioning the assumptions and methodologies used in the analysis. He also stated the HEC-RAS unsteady model should be used to obtain reasonable results.

The original analysis submitted with the project application and subsequent follow-up responses support the beneficial nature of this project. However, since the analysis is inconsistent with the effective FIRM, and this project will affect the FIRM, and because Mr. Woods needs to see a more detailed analysis, we hired LEAP Engineering, who has completed HEC-HMS and HEC-RAS models of the benefit area and downstream channel. This additional analysis has reaffirmed the beneficial nature of the proposed project, as well as identified key errors in the effective FIRM.

It was obvious in 2003, when the effective FIRMs were published that they were in error because the 100-year rain event (13" in 24 hours for Jefferson County) resulted in a BFE of elevation 31.0 throughout the entire 700 acre watershed, with no slope from upstream to downstream in over 19,000 feet of channel. This elevation 31.0 BFE computes to over 2,000 acre-feet of water storage when there is only 758 acre-feet of rain.

The two primary errors in the effective FIRM are 1.) the watershed extends too far north by ignoring a major ditch, which drains runoff westerly, away from this benefit area; and 2.) runoff leaves the lower area through two 8-ft diameter culverts, which flow westerly into DD6 Ditch No. 602, which lowers the water surface below Lawhon Road. These errors are illustrated on the enclosed Effective FIRM drawing.

#### **SPECIFIC RESPONSES:**

Mr. LaMance's letter is enclosed herein for reference and responses to his concerns are as follows:

**Item a.**        Response: The original methodology employed was to delineate flow patterns by experience, review of USGS Quadrangle 5' contour maps, and field surveying. The watersheds and sub-watersheds were identified by locating outfalls of this and adjacent watersheds. The drainage channel which drains the benefit area crosses Lawhon Road and 12 private roads before reaching two lower outfall points. One outfall being Ditch 602-D, which flows westerly through two 8-ft diameter culverts and the other outfall being the continuation of Ditch No. 400 through a single, 60-inch culvert under the LNVA Gallier Canal. The channel from Lawhon Road to the double 8-ft culverts is 7,700 feet. The capacity of the culverts in the crossing, along with the capacity of overtopping, was calculated and generated the water surface elevations for the different events. Floodwater stored in the floodplain was taken into account. For the post project conditions, an excavated detention basin was planned, which created an additional 150 acre-feet of storage at a lower elevation than the existing one. This lower water surface elevation decreased the slope available from Lawhon Road to the outfall. The increased volume and decreased slope decreased the flow rate through this stretch. The net effect of which is to improve the floodwater surface elevations. In response to Mr. Woods concerns, we have now constructed HEC-HMS and HEC RAS models that better quantify the above explanation.

**Item b.**        Response: Additionally, Mr. Woods discovered an error in the Modified Puls routing of the upper floodplain (*i.e.*, not in the benefit area). The error was an incorrect storage volume inserted into the SV records. Since this volume error occurred at the upper limit of the floodplain, it did not affect the results of the calculation in the benefit area. Mr. Woods also questioned the flow rates used in the analysis. Regretfully, a volume was mis-entered into the HEC-1 input file, which misrepresented the calculated volume in the floodplain up to elevation 32 in sub-basin A. However, since this is just a sub-basin that feeds into the benefit area and the floodwaters only reached elevation 31.4, the changed result to the benefit area was one-half of a tenth of a foot. The original volume calculations were

based on interpretations from collected field data to the 5-ft USGS contours. The volumes calculated for the HEC-RAS modeling utilize more surveyed cross-sections, as well as LIDAR data.

The flow capacities calculated were based on the capacity of the culverts, overland flow, and road overtopping through all twelve crossings, not just Lawhon Road. Since the cross-section of the floodplain is relatively constant and dropping downstream, the flow capacities are reasonable. Since the detention basin is proposed in sub-basin b, and the resulting water surface is lower, the available slope through the 23 crossings is less so the capacity is reduced. The new analysis balances the flow and volume through the entire reach of channel in the HEC-RAS model.

Mr. Woods cites the effective FIRM, which prompts his concerns for further study. When these FIRMs were preliminary, proposed for comment, we objected because we knew immediately that they had to be incorrect for the very reasons he states (*i.e.*, split flow locations.). We did not have the time or resources to delve into the HEC-1 and HEC-2 modeling during the allowed 30-day review period. The effective FIRMs were generated by a Houston engineering company and then reviewed by an out-of-state company, neither of which were familiar enough with the area to produce accurate results. For the reasons stated earlier, the effective FIRMs are badly in error. Upon completion of our project, we plan on submitting the final models for LOMRs, and making sure the FIRMs are as accurate as possible.

**Item c. & d.** Response: The proposed basin consists of an excavated basin with 4:1 side slopes, approximately 5-ft deep with a pilot channel to keep it dry between events. The basin will have downspouts around the perimeter to deliver runoff from adjacent areas to the basins. The basin is similar to 40 other basins we have constructed at Drainage District No. 6. We will comply with local, state and federal codes and engineering standards.

We have agreed that constructing a HEC-RAS model is reasonable and have done so. We do not agree that the unsteady option is needed. Included as part of this response are printouts from the new models that highlight the methodology and results.

The recent analysis utilizing the most recent and accurate topographic data slightly lowered the floodwater surfaces from the previous analysis, and also brought more homes into the benefit area because a ridge is not as high as was originally assumed. The project as originally proposed, provides the necessary detention along with the volume of floodwater held in the residual floodplain to remove most of the homes in the project area from the floodplain and prevent flood waters from breaching the natural ridge. The homes that remain in the 100-year floodplain lie above the future BFE. Future development will be regulated in the residual floodplain.

**Item 2.**      Response: A revised B/C report is included herein, which utilizes the most up-to-date full data model. This was accomplished by Jeffrey S. Ward and Associates, Inc..

Please feel free to call me with any questions or comments you may have.

Sincerely,



Doug Canant, P.E., R.P.L.S., C.F.M.  
*District Engineer*

**Jefferson County Drainage District No. 6**



DC/pa

Enclosures: LaMance Woods Letter for Reference  
Revised Benefit Cost Analysis Technical Report  
HEC-RAS Water Surface Profiles-Pre and Post Conditions  
HEC-RAS Tabulations of Water Surfaces  
Existing and Proposed Calculated 100-year Flood Map (benefit area and downstream)  
Existing and Proposed Calculated 100-year Flood Map With Effective FIRM  
Contour Map From Modern LIDAR Data  
Effective FIRM Highlighting Errors  
Detention Basin Schematic  
Watershed Map  
CD Containing Cost Benefit Software Files

cc: *with above-referenced enclosures to:*

Mr. LaMance T. Woods, MPA  
Texas Department of Public Safety  
5425 Polk Street  
Houston, Texas 77023-1423

and

Mr. Jeffrey S. Ward (*w/o CD Containing Cost Benefit Software Files*)  
Jeffrey S. Ward & Associates, Inc.  
14401 Bookcliff  
Purcellville Ct., VA 20132

## **Benefit Cost Analysis Technical Report**

### **Risk/Benefit Categories**

The analysis considers the avoided damages to structures that occur due to the reduction in water surface elevation on the project area.

### **Structure Damages**

The benefit/cost ratios for the structures were determined by use of FEMA's Flood model, which calculates a present value of future damages that are estimated to occur over the useful life of the project (in our case, 50 years) and divides that figure into the cost of the project. The estimated future damages are based on varying flood depth scenarios for different storm events and flood flows. The capacity of the existing and proposed drainage system was analyzed using computer programs based on the Manning Flow Equation for culverts and open channels. The volume of water stored in flooded areas was calculated using a contour map generated from collected field data. Also included was the volume of water stored in ditches and culverts.

The U.S. Army Corps of Engineers' program HEC-RAS and HEC- HMS were utilized to calculate flows of various locations in the watershed. Inputs into the models were area, time of concentration, soil properties, amount of impervious cover, storage coefficients and rainfall distributions. The relationship of each sub-area to the other was also defined, as well as the flood hydrograph routes. The Modified-Puls Routing Method was used to analyze existing flooding, as well as, to size proposed detention basins. The storage, outflow, elevation relationship was carefully determined and inserted into the model.

The flow rates calculated were compared to the existing capacity and alternatives were analyzed providing the most practical, economical and environmentally appropriate solution to the problems. Downstream areas were taken into consideration and alternatives were chosen, which make sense for the entire area. In the course of the benefit/cost calculation, the elevation reference to mean sea level was shot of each house affected by the project and certified to by Doug Canant, P. E. (License #71285), R. P. L. S. (License # 5291).

Attached to this application are the B/C results which includes a list of properties that benefit from this project and the resultant avoided damages to each structure. This spreadsheet also includes FFEs, and pre and post mitigation hydrology used to complete the full data module B/C analysis.

### ***Structure Depth-Damage Functions for Residential Uses***

Structural damage functions for all residential buildings are FEMA Flood module defaults. The majority of the structures in the analysis were one-story buildings with no basement.

### ***Contents Depth-Damage Functions for Residential Uses***

Contents damage functions for all residential buildings are FEMA Flood module defaults.

### ***Structure Replacement Value Determinations for Non-Residential Structures***

For the residential structures we used current Marshall and Swift dollar per square foot based on the type, size, and quality of construction for the replacement cost portion of the B/C analysis. The information from the JCAD tax database was used to determine the sqft, type, and quality of construction. JCAD reports for each parcel in the benefit area and Marshall and Swift tables are available upon request. Links to the JCAD property records are provide in the summary spreadsheet referenced above.

**Contents Replacement Value Determinations for Residential Structures**

For all residential structures in the project, the BCA used the FEMA default value.

In the FEMA BCA methodology, displacement times and values account for certain additional costs of flooding other than direct damages to structures and contents. These include renting alternative living or work space, extra commuting timing, storage, etc. Current FEMA guidance provides recommended values for these costs, and the Flood Module provides defaults for displacement times for residential uses.

Results of the Structure Analysis

**Table 2. Summary of pre- and post-project risk, and damages avoided (benefits)**

Risk/Category	Structure
Damages avoided	\$ 3,674,511.23

During the analysis process followed to answer FEMA's RFI questions, it was determined that the H and H (pre and post project) were slightly different than the original calculations. It was also determined that there were a slightly different set of structures in the benefit area (although many were the same – additional homes that benefit were identified and included in the analysis. Total avoided damages to the 47 structures within the benefit area were calculated at \$3,674,511.23.

**Project Costs**

All cost estimates were based on research, quotes, industry information, TXDOT pricing manuals, and Engineering expertise. The cost estimates that following were developed by Doug Canant, P. E. (License #71285). Mr. Canant is the District Engineer for Jefferson County Drainage District No. 6. A letter certifying the accuracy of the cost estimate is attached to the application.

**LAWHON — COST ESTIMATE**

ITEM	QUANTITY UNIT	UNIT COST	TOTAL COST
Right-Of-Way Acquisition	38 acres	\$2,000.00	\$76,000.00
Clearing	38 acres	\$600.00	\$22,800.00
Excavation & Haul	250,000	\$5.00	\$1,250,000.00
Pipeline Crossing	1 L.S.	\$4,000.00	\$4,000.00
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Downspouts	8	\$1,800.00	\$14,400.00
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Seeding	38 acres	\$500.00	\$19,000.00
Crossing	1 L.S.	\$5,000.00	\$5,000.00
<b>SUB-TOTAL</b>			\$1,601,200.00
COST ESTIMATE			\$1,601,200.00
5% ADMINISTRATIVE COSTS			\$81,560.00
ENGINEERING COSTS			\$30,000.00

<b>TOTAL</b>	<b>\$1,712,760.00</b>
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Maintenance Costs

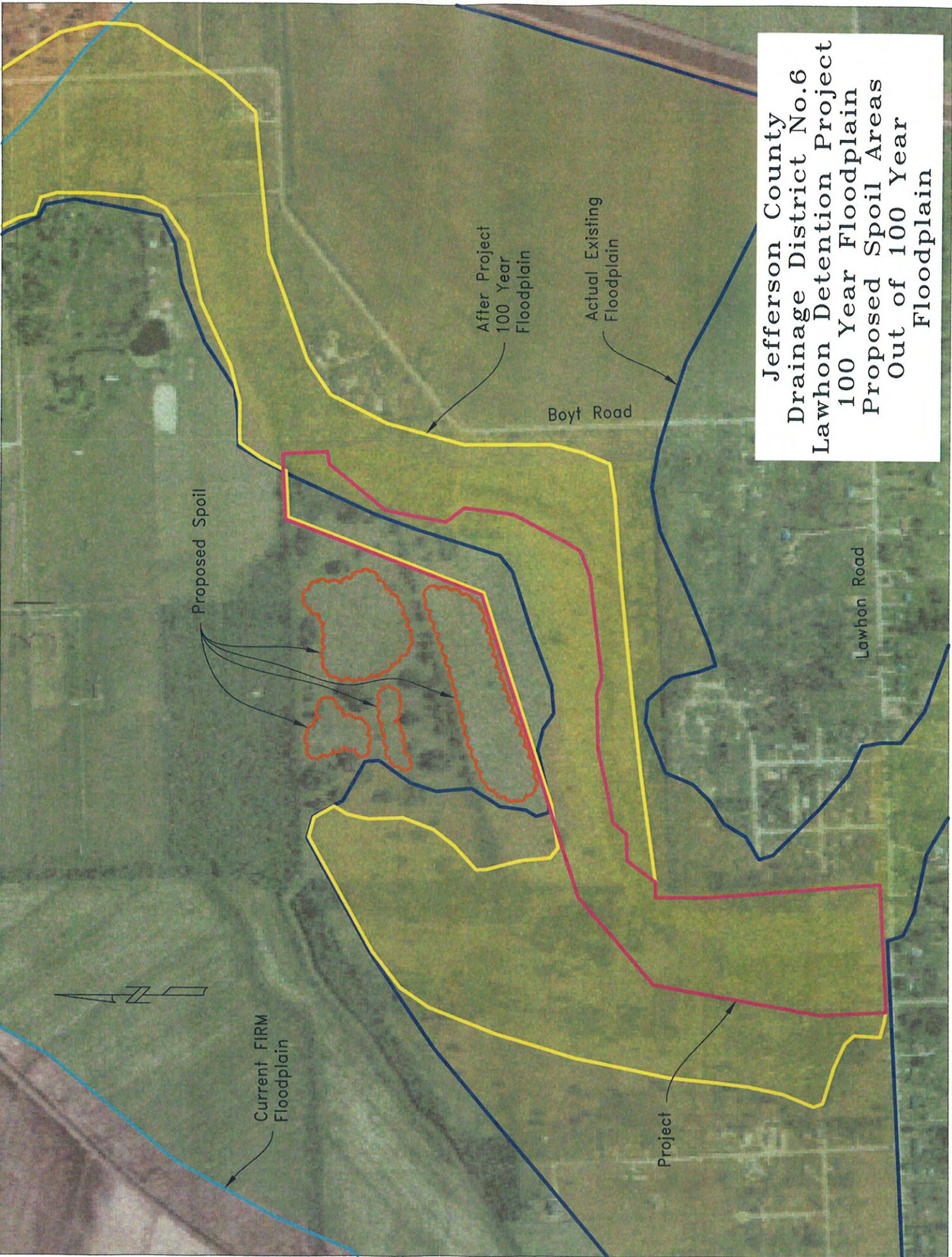
The annual maintenance costs for this project, once complete will be \$4,680.00. Using FEMA full data model, the net present value of this \$4,680.00 annual maintenance cost, over the 50 year project useful life is \$64,587.00. The impact on the B/C ratio is shown below.

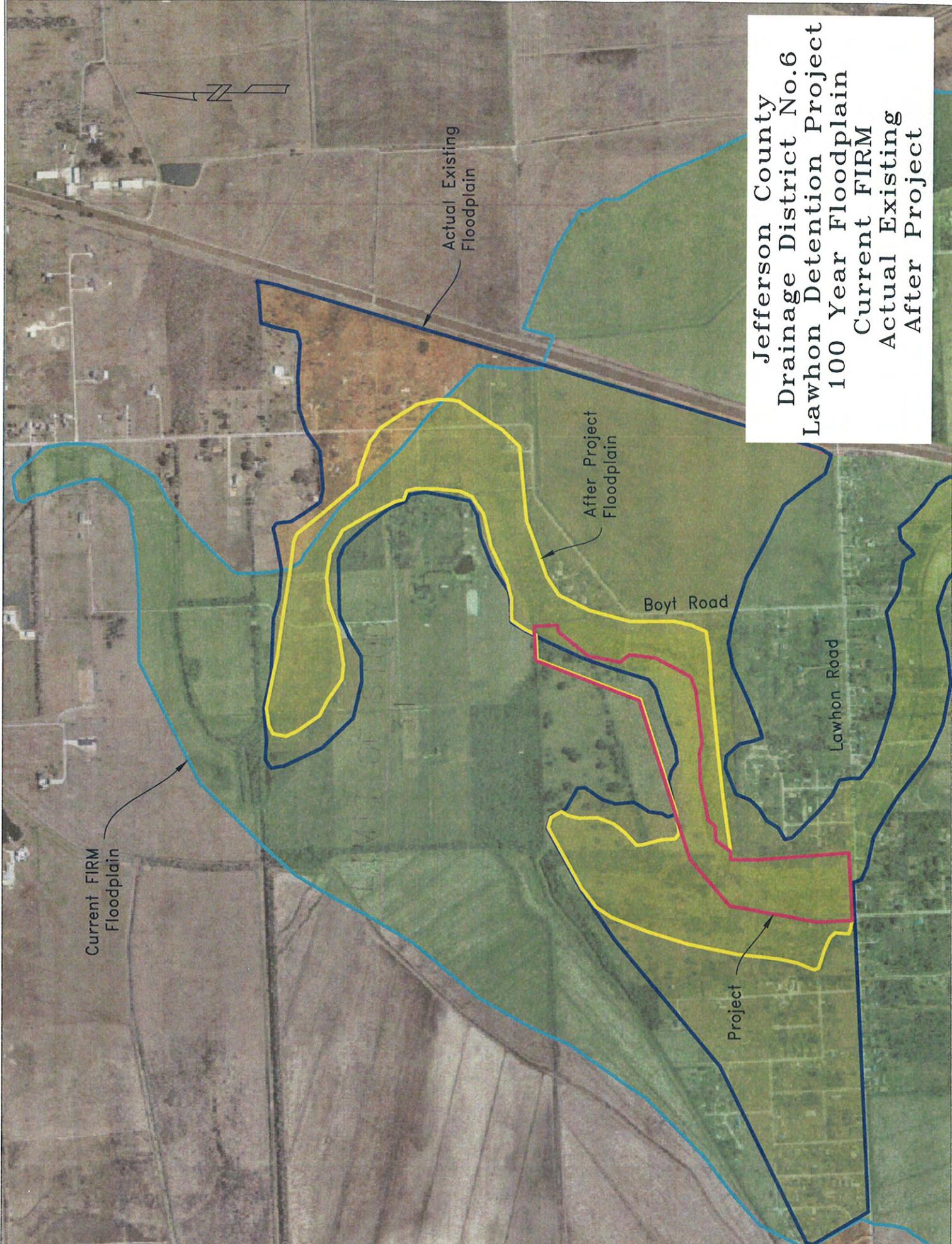
Benefits	\$3,674,511.23
Project costs	\$ 1,712,760.00
Present Value of Annual Maintenance costs	\$ 64,587.00
Revised B/C =	2.06

Project Name	Address	City	State	Zip	Stories	Class	Type	TotalArea	BRV	FFE
DD6 Lawhon	6081 Trahan Rd.	Beaumont	TX	77713	1	FAIR	FRAME	720	\$ 68.06	29.44
DD6 Lawhon	6005 Trahan Rd.	Beaumont	TX	77713	1	AVERAGE	BRICK	1056	\$ 79.40	29.31
DD6 Lawhon	9833 Lawhon Rd.	Beaumont	TX	77713	1	FAIR	FRAME	1800	\$ 51.64	30.67
DD6 Lawhon	9819 Lawhon Rd.	Beaumont	TX	77713	1	AVERAGE	FRAME	1344	\$ 71.23	30.71
DD6 Lawhon	9853 Lawhon Rd.	Beaumont	TX	77713	1	FAIR	FRAME	1620	\$ 58.18	29.97
DD6 Lawhon	9623 Lawhon Rd.	Beaumont	TX	77713	1.5	AVERAGE	BRICK	2000	\$ 58.86	30.66
DD6 Lawhon	9453 Lawhon Rd.	Beaumont	TX	77713	1	GOOD	FRAME	2324	\$ 85.21	30.07
DD6 Lawhon	6119 Trahan Rd.	Beaumont	TX	77713	1	GOOD	FRAME	1108	\$ 98.34	31
DD6 Lawhon	6189 Trahan Rd.	Beaumont	TX	77713	1	AVERAGE	FRAME	1072	\$ 74.76	29.95
DD6 Lawhon	5986 Trahan Rd.	Beaumont	TX	77713	1	Good	FRAME	1216	\$ 95.13	31.16
DD6 Lawhon	9937 Lawhon Rd.	Beaumont	TX	77713	1	AVERAGE	FRAME	1344	\$ 71.23	30.97
DD6 Lawhon	6022 Trahan Rd.	Beaumont	TX	77713	1	AVERAGE	BRICK	1700	\$ 63.48	28.75
DD6 Lawhon	9955 Lawhon Rd.	Beaumont	TX	77713	1	AVERAGE	FRAME	1304	\$ 71.23	29.8
DD6 Lawhon	9914 Lawhon Rd.	Beaumont	TX	77713	1	FAIR	FRAME	2900	\$ 52.32	30.97
DD6 Lawhon	9618 Lawhon Rd.	Beaumont	TX	77713	1	FAIR	FRAME	1400	\$ 51.64	31.1
DD6 Lawhon	9718 Wingate Rd.	Beaumont	TX	77713	1	FAIR	FRAME	1020	\$ 63.61	30.82
DD6 Lawhon	9690 Lawhon Rd.	Beaumont	TX	77713	1	FAIR	FRAME	864	\$ 66.35	29.35
DD6 Lawhon	9691 Wingate Rd.	Beaumont	TX	77713	1	FAIR	FRAME	864	\$ 66.35	30.47
DD6 Lawhon	5880 Amos Ln.	Beaumont	TX	77713	1	Fair	Frame	864	\$ 66.35	30.37
DD6 Lawhon	5961 Candlelite Dr.	Beaumont	TX	77713	1	AVERAGE	BRICK	1024	\$ 76.66	29.29
DD6 Lawhon	5947 Candlelite Dr.	Beaumont	TX	77713	1	FAIR	BRICK	1436	\$ 63.18	29.6
DD6 Lawhon	5913 Candlelite Dr.	Beaumont	TX	77713	1.5	AVERAGE	FRAME	1764	\$ 61.70	30.27
DD6 Lawhon	5855 Candlelite Dr.	Beaumont	TX	77713	1	FAIR	FRAME	1926	\$ 55.77	31.23
DD6 Lawhon	5794 Moonglow Dr.	Beaumont	TX	77713	1	AVERAGE	BRICK	1300	\$ 63.48	28.88
DD6 Lawhon	5808 Moonglow Dr.	Beaumont	TX	77713	1	AVERAGE	BRICK	1128	\$ 76.66	29.39
DD6 Lawhon	5838 Moonglow Dr.	Beaumont	TX	77713	1	AVERAGE	BRICK	1440	\$ 73.44	28.63
DD6 Lawhon	5831 Moonglow Dr.	Beaumont	TX	77713	1	FAIR	BRICK	1044	\$ 67.39	29.18
DD6 Lawhon	5807 Moonglow Dr.	Beaumont	TX	77713	1	FAIR	BRICK	1224	\$ 65.09	29.02
DD6 Lawhon	5888 Candlelite Dr.	Beaumont	TX	77713	1	FAIR	FRAME	1788	\$ 56.89	31.21
DD6 Lawhon	5918 Martel Dr.	Beaumont	TX	77713	1	AVERAGE	BRICK	1026	\$ 76.66	29.5
DD6 Lawhon	5869 Martel Dr.	Beaumont	TX	77713	1	FAIR	FRAME	848	\$ 64.89	29.72
DD6 Lawhon	5857 Hummingbird Ln	Beaumont	TX	77713	1	FAIR	FRAME	1110	\$ 61.44	29.3
DD6 Lawhon	5824 Bobolink	Beaumont	TX	77713	1	FAIR	FRAME	1128	\$ 61.44	28.98
DD6 Lawhon	5897 Bobolink	Beaumont	TX	77713	1	FAIR	FRAME	1184	\$ 61.44	28.75
DD6 Lawhon	5868 Hummingbird Ln	Beaumont	TX	77713	1	AVERAGE	FRAME	1098	\$ 72.28	29.35
DD6 Lawhon	5884 Hummingbird Ln	Beaumont	TX	77713	1	FAIR	FRAME	864	\$ 64.89	28.67
DD6 Lawhon	5721 Eagle Ave.	Beaumont	TX	77713	1	GOOD	FRAME	1056	\$ 95.13	29.63
DD6 Lawhon	5743 Eagle Ave.	Beaumont	TX	77713	1	GOOD	FRAME	1172	\$ 95.13	29.18
DD6 Lawhon	10019 Lawhon Rd.	Beaumont	TX	77713	1	FAIR	BRICK	1914	\$ 59.51	29.31
DD6 Lawhon	10039 Lawhon Rd.	Beaumont	TX	77713	1	FAIR	BRICK	1050	\$ 67.39	29.34
DD6 Lawhon	10151 Lawhon Rd.	Beaumont	TX	77713	1	AVERAGE	BRICK	1043	\$ 76.66	29.09
DD6 Lawhon	10179 Lawhon Rd.	Beaumont	TX	77713	1	FAIR	BRICK	1066	\$ 67.39	29.14
DD6 Lawhon	9977 Lawhon Rd.	Beaumont	TX	77713	1	AVERAGE	FRAME	1428	\$ 69.37	30.93
DD6 Lawhon	5763 Candlelite Dr.	Beaumont	TX	77713	1	AVERAGE	FRAME	980	\$ 74.76	30.13
DD6 Lawhon	5733 Candlelite Dr.	Beaumont	TX	77713	1	FAIR	FRAME	1152	\$ 61.44	30.01
DD6 Lawhon	5718 Candlelite Dr.	Beaumont	TX	77713	1	GOOD	FRAME	2079	\$ 85.93	30.42
DD6 Lawhon	5748 Candlelite Dr.	Beaumont	TX	77713	1	GOOD	FRAME	2014	\$ 85.93	30.87

Address	SBE	5yr WSEL - Pre	5yr Flow - Pre	10yr WSEL - Pre	10yr Flow - Pre	50yr WSEL - Pre	50yr Flow - Pre	100yr WSEL - Pre	100yr Flow - Pre	Syr WSEL - Post	Syr Flow - Post	10yr WSEL - Post	10yr Flow - Post	50yr WSEL - Post	50yr Flow - Post	100yr WSEL - Post	100yr Flow - Post
6081 Trahan Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
6005 Trahan Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9833 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9819 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9853 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9623 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9453 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
6119 Trahan Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
6189 Trahan Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5986 Trahan Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9937 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
6022 Trahan Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9955 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9914 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9618 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9718 Wingate Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9690 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9691 Wingate Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5880 Amos Ln.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5961 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5947 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5913 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5855 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5794 Moonglow Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5808 Moonglow Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5838 Moonglow Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5831 Moonglow Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5807 Moonglow Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5888 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5918 Martel Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5869 Martel Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5857 Hummingbird Ln	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5824 Bobolink	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5897 Bobolink	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5868 Hummingbird Ln	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5884 Hummingbird Ln	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5721 Eagle Ave.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5743 Eagle Ave.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
10019 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
10039 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
10151 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
10179 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
9977 Lawhon Rd.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5763 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5733 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5718 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42
5748 Candlelite Dr.	19.8	28.8	150	29.5	173	29.6	241	29.6	272	26	29	26.7	31	28.5	39	28.5	42

Jefferson County  
Drainage District No.6  
Lawhon Detention Project  
100 Year Floodplain  
Proposed Spoil Areas  
Out of 100 Year  
Floodplain





Jefferson County  
Drainage District No.6  
Lawhon Detention Project  
100 Year Floodplain  
Current FIRM  
Actual Existing  
After Project

Current FIRM  
Floodplain

Actual Existing  
Floodplain

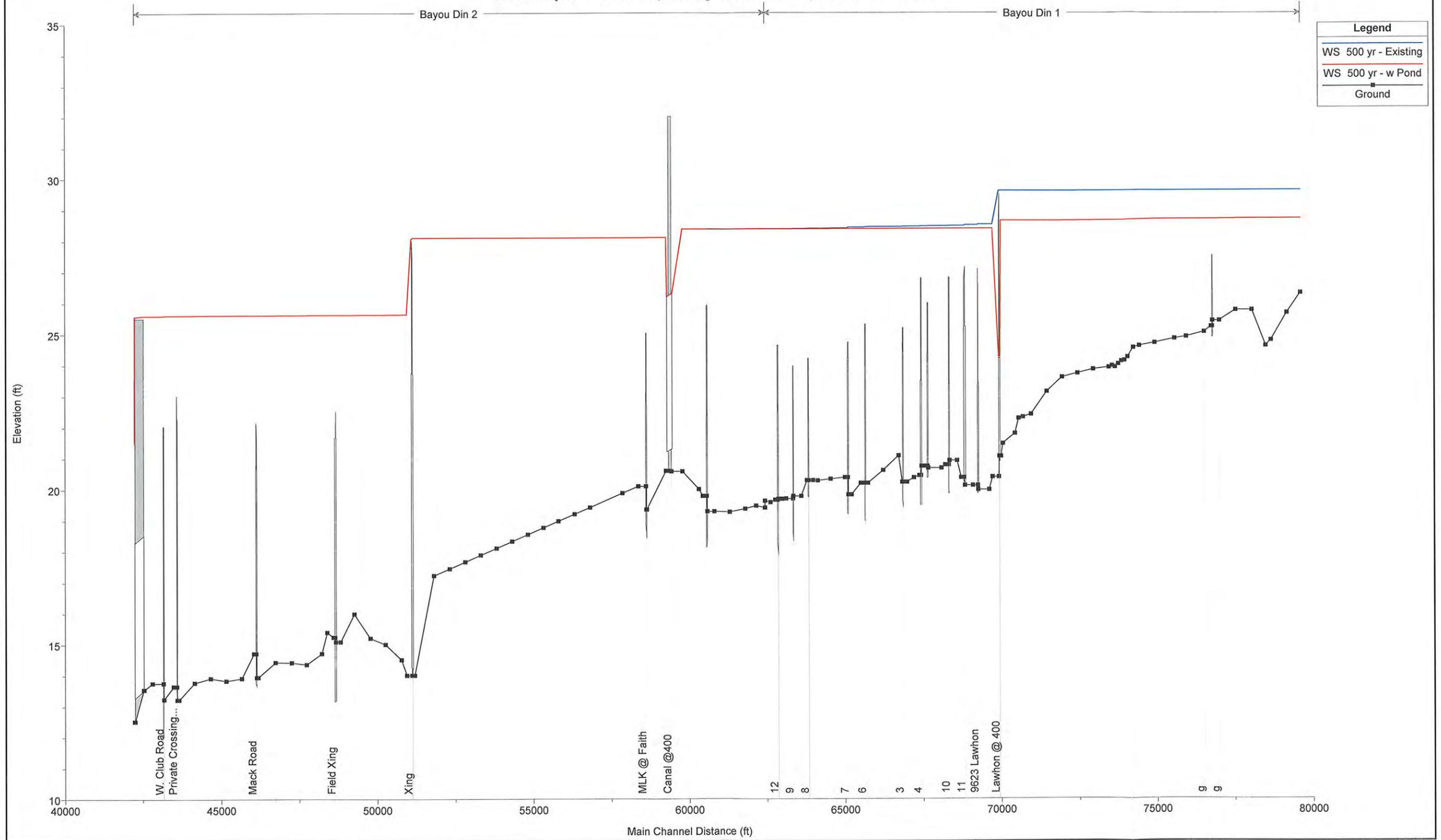
After Project  
Floodplain

Boyt Road

Lawhon Road

Project

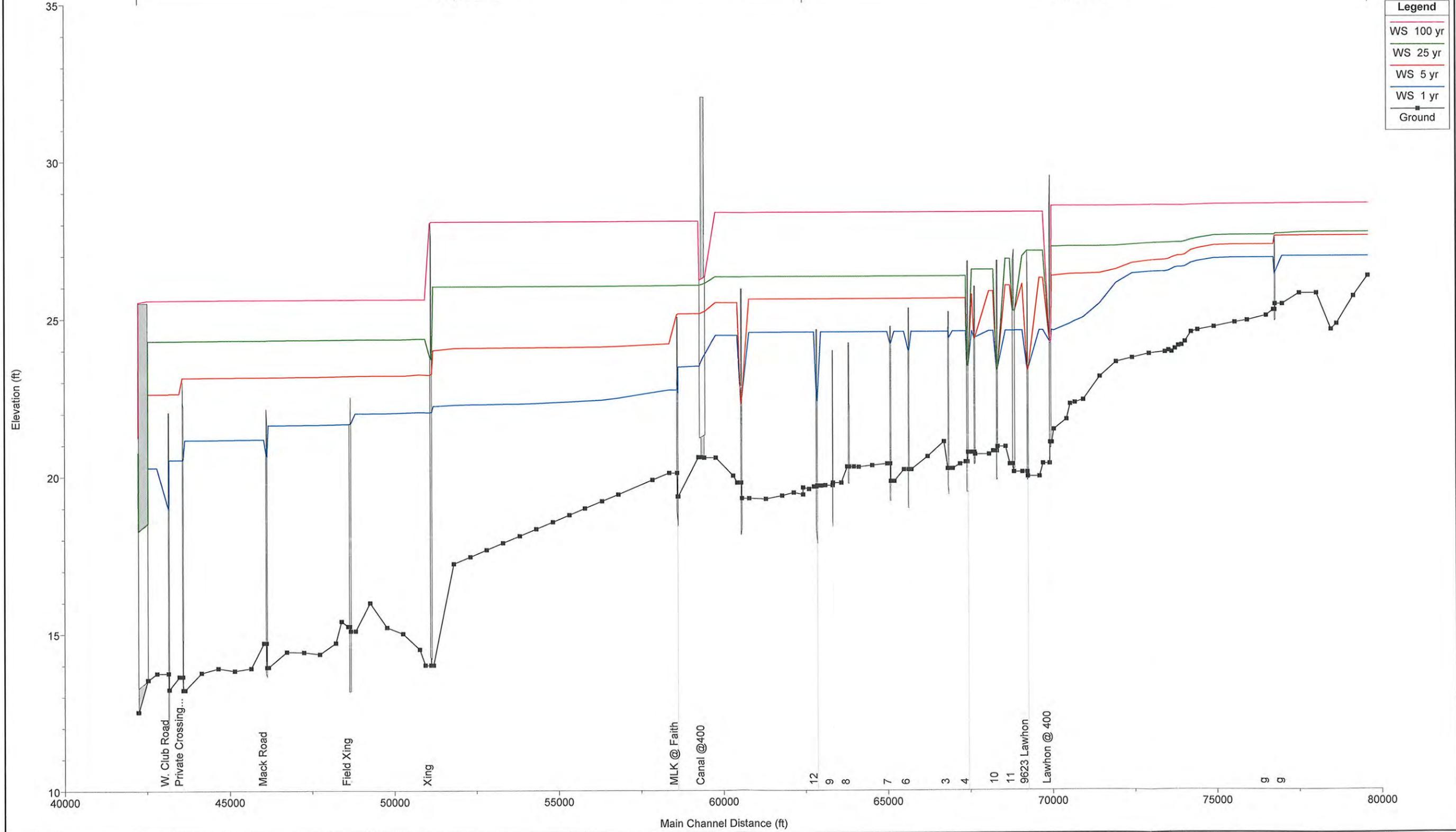
WMS Project Plan: 1) Existing 9/21/2011 2) w Pond 9/21/2011

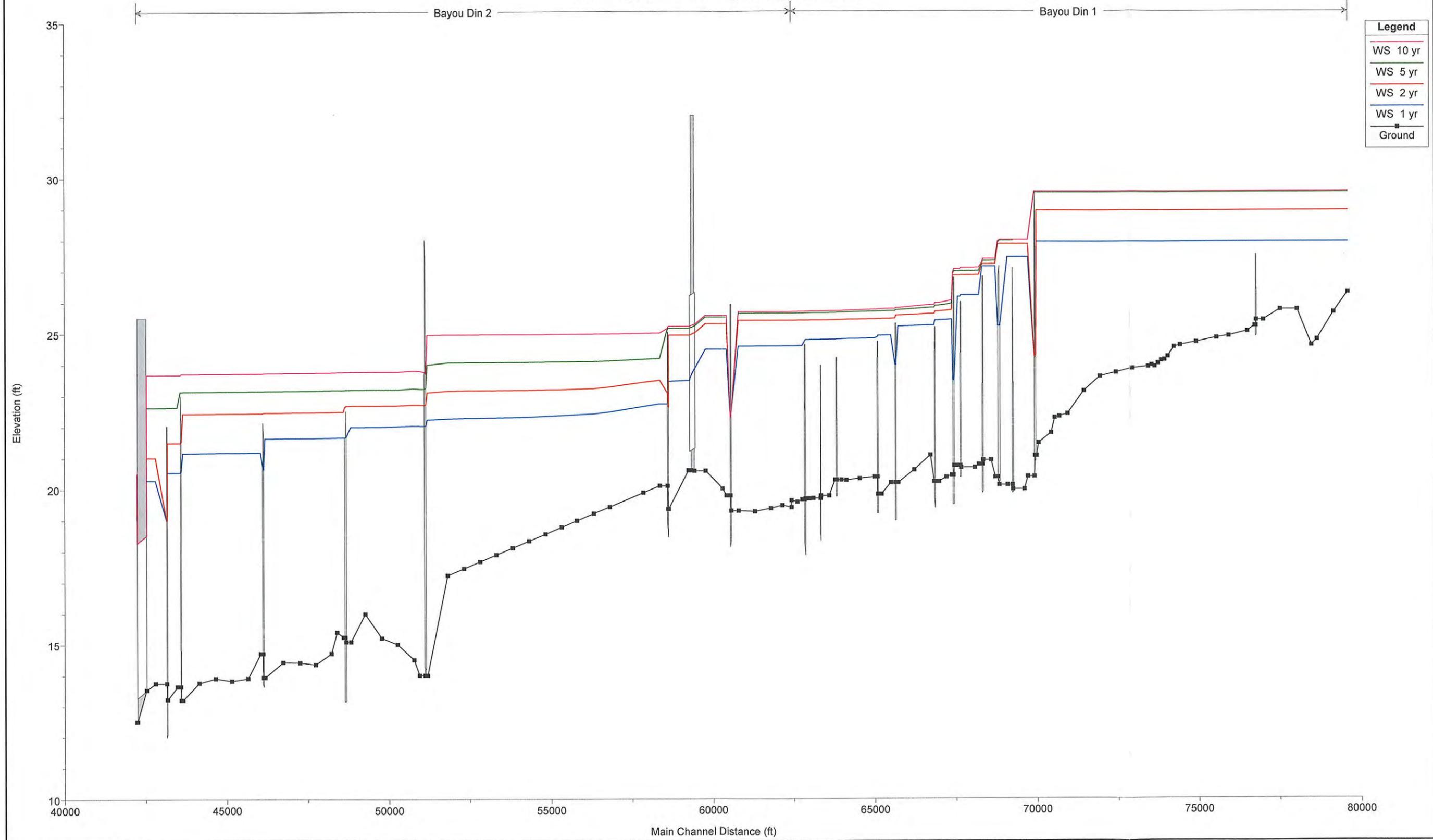




Bayou Din 2 Bayou Din 1

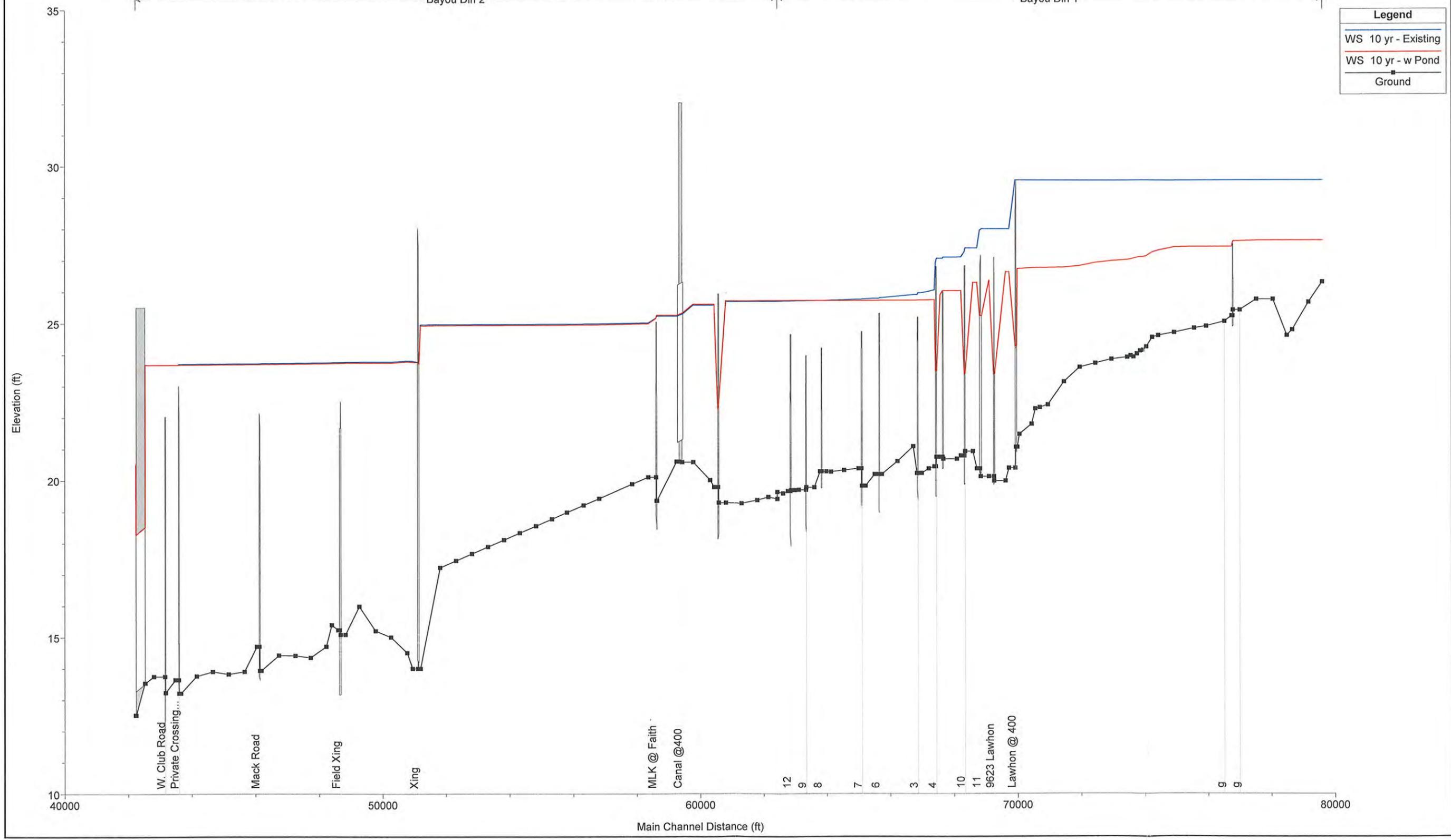
Legend	
WS 100 yr	(Pink line)
WS 25 yr	(Red line)
WS 5 yr	(Orange line)
WS 1 yr	(Blue line)
Ground	(Black line with squares)





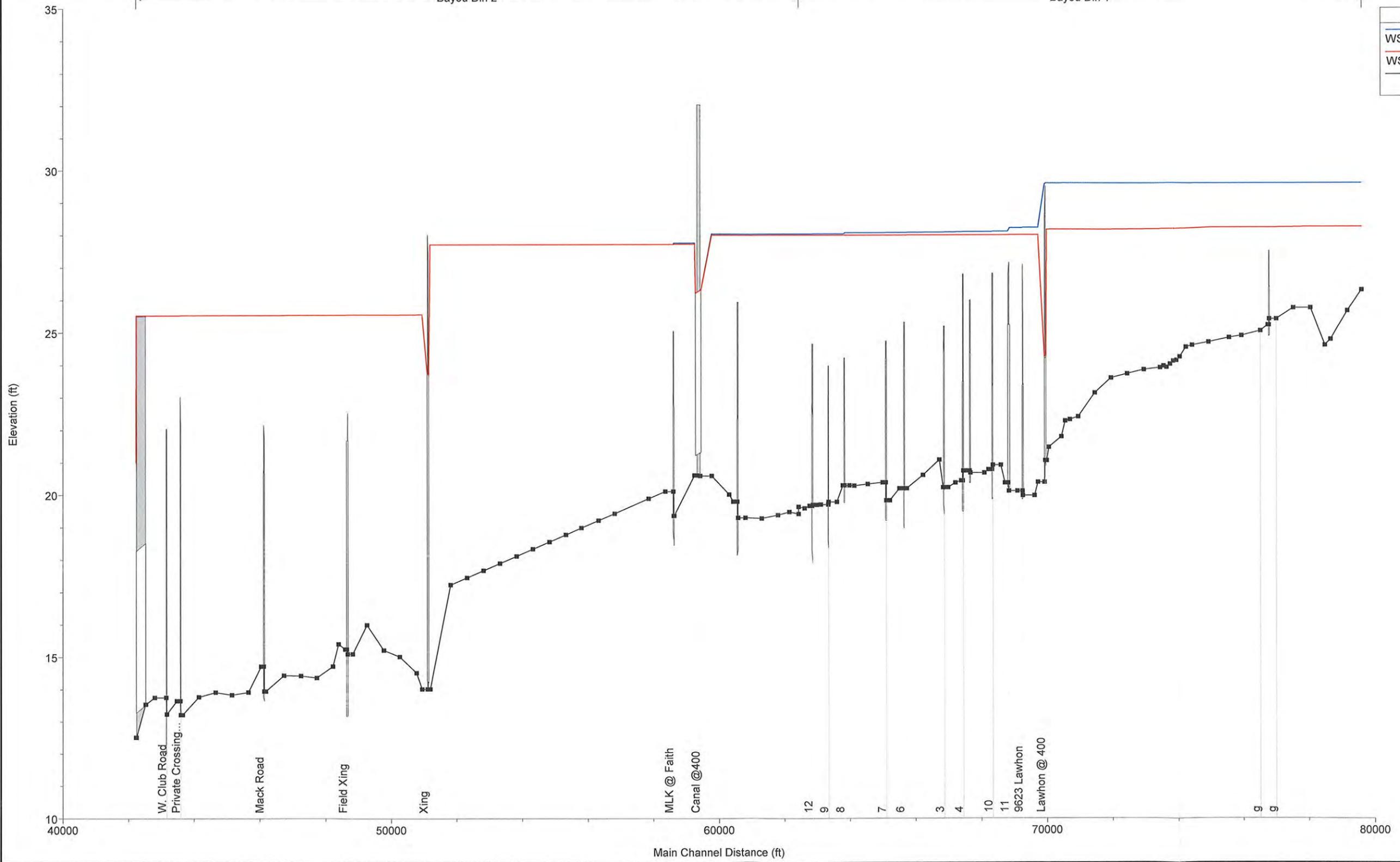
Bayou Din 2 Bayou Din 1

Legend	
—	WS 10 yr - Existing
—	WS 10 yr - w Pond
■	Ground



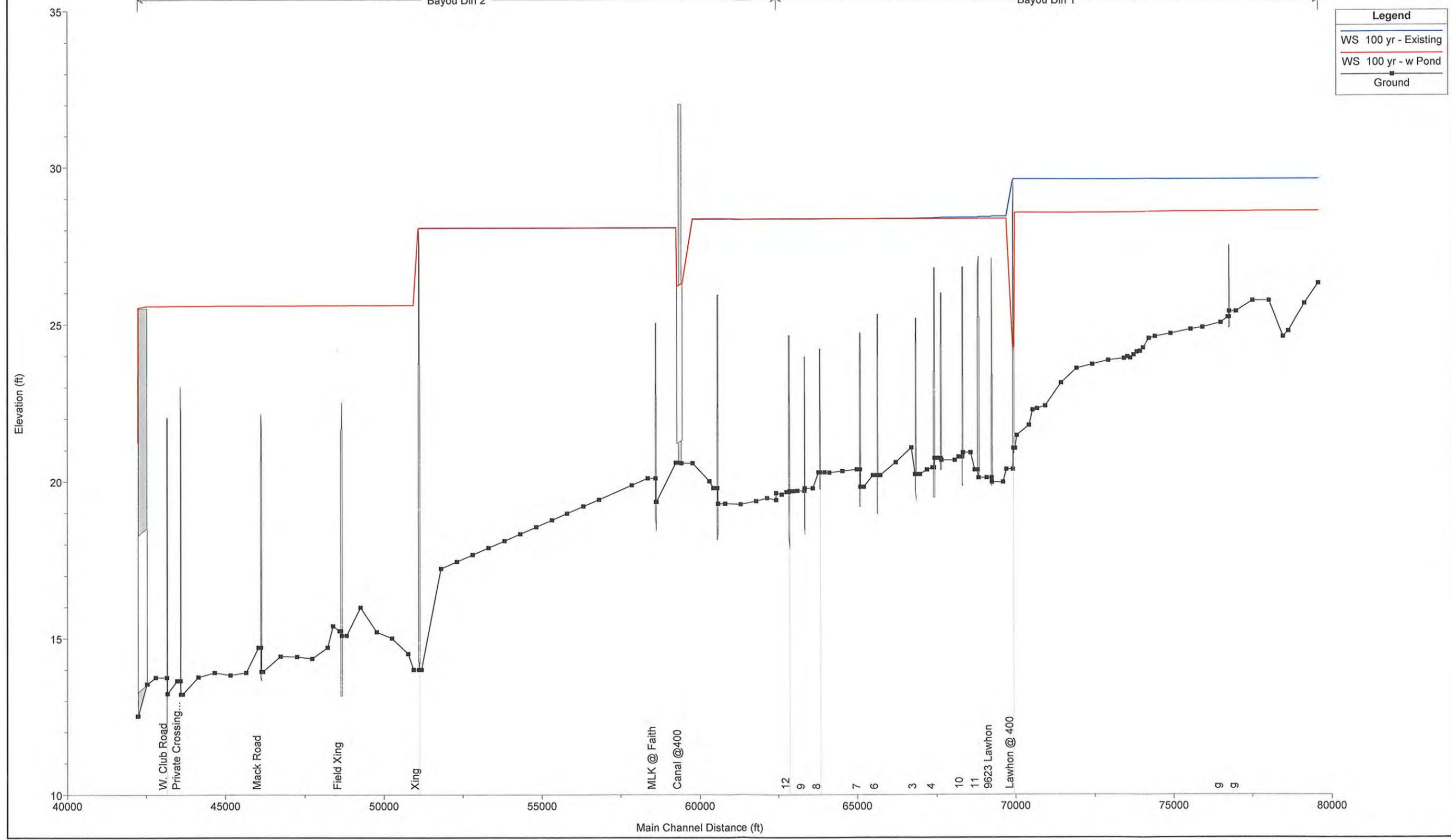
Bayou Din 2 \* Bayou Din 1

Legend	
—	WS 50 yr - Existing
—	WS 50 yr - w Pond
—■—	Ground

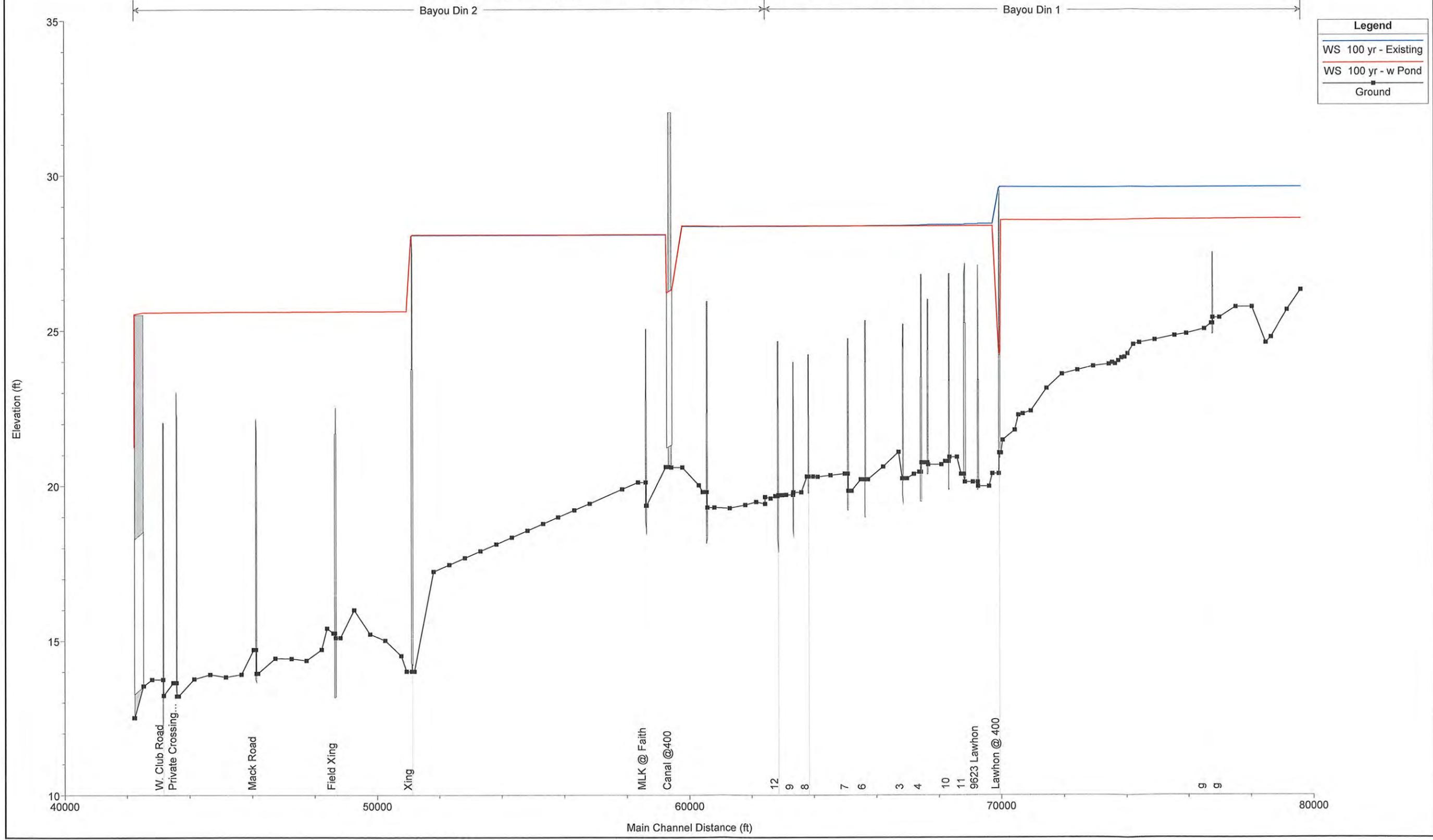


Bayou Din 2 Bayou Din 1

Legend	
WS 100 yr - Existing	(Blue line)
WS 100 yr - w Pond	(Red line)
Ground	(Black line with squares)



WMS Project Plan: 1) Existing 9/21/2011 2) w Pond 9/21/2011



HEC-RAS Profile: 1 yr

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chi
D602-D	1	500	1 yr	Existing	83.00	19.53	22.01	0.47	0.000941	2.01	41.34	26.59	0.28		
D602-D	1	500	1 yr	w Pond	77.00	19.53	21.93	0.45	0.000941	1.97	39.13	25.94	0.28		
D602-D	1	0	1 yr	Existing	83.00	19.06	21.54	20.37	0.000947	2.01	41.25	26.56	0.28		
D602-D	1	0	1 yr	w Pond	77.00	19.06	21.46	20.32	0.000947	1.97	39.03	25.91	0.28		
Bayou Din	1	79717.28	1 yr	Existing	2.00	26.30	27.93	26.39	310.98	0.000000	0.01	378.48	719.97	0.00	
Bayou Din	1	79717.28	1 yr	w Pond	2.00	26.30	26.93	26.39	56.93	0.000003	0.05	42.88	106.94	0.01	
Bayou Din	1	79282.63	1 yr	Existing	2.00	25.66	27.93	25.77	305.24	0.000000	0.00	771.39	663.18	0.00	
Bayou Din	1	79282.63	1 yr	w Pond	2.00	25.66	26.93	25.77	55.57	0.000000	0.01	229.95	399.92	0.00	
Bayou Din	1	78774.23	1 yr	Existing	2.00	24.78	27.93	24.91	291.66	0.000000	0.00	1556.33	878.28	0.00	
Bayou Din	1	78774.23	1 yr	w Pond	2.00	24.78	26.93	24.91	49.72	0.000000	0.00	772.51	680.77	0.00	
Bayou Din	1	78603.12	1 yr	Existing	2.00	24.60	27.93	24.66	285.69	0.000000	0.00	1480.42	1016.91	0.00	
Bayou Din	1	78603.12	1 yr	w Pond	2.00	24.60	26.93	24.66	46.80	0.000000	0.00	716.96	560.72	0.00	
Bayou Din	1	78160.09	1 yr	Existing	2.00	25.75	27.93	25.98	275.51	0.000000	0.00	522.33	551.47	0.00	
Bayou Din	1	78160.09	1 yr	w Pond	2.00	25.75	26.93	25.98	42.66	0.000000	0.02	96.34	198.72	0.01	
Bayou Din	1	77641.38	1 yr	Existing	2.00	25.75	27.93	25.91	271.99	0.000001	0.03	66.99	113.11	0.01	
Bayou Din	1	77641.38	1 yr	w Pond	2.00	25.75	26.93	25.91	41.96	0.000005	0.09	21.91	30.58	0.02	
Bayou Din	1	77120.67	1 yr	Existing	2.00	25.41	27.93	25.59	270.03	0.000000	0.01	258.93	608.29	0.00	
Bayou Din	1	77120.67	1 yr	w Pond	2.00	25.41	26.93	25.59	41.66	0.000003	0.07	27.00	31.79	0.01	
Bayou Din	1	76900		Culvert											
Bayou Din	1	76858.53	1 yr	Existing	2.00	25.23	27.93	25.37	267.89	0.000000	0.01	443.04	866.53	0.00	
Bayou Din	1	76858.53	1 yr	w Pond	2.00	25.23	26.89	25.37	41.52	0.000000	0.03	69.84	137.13	0.01	
Bayou Din	1	76631.90	1 yr	Existing	2.00	25.05	27.93	25.10	263.94	0.000000	0.00	1076.68	1349.37	0.00	
Bayou Din	1	76631.90	1 yr	w Pond	2.00	25.05	26.89	25.10	40.88	0.000000	0.01	176.30	283.44	0.00	
Bayou Din	1	76055.61	1 yr	Existing	2.00	24.90	27.93	24.96	243.02	0.000000	0.00	2085.98	1554.97	0.00	
Bayou Din	1	76055.61	1 yr	w Pond	2.00	24.90	26.89	24.96	35.93	0.000000	0.01	572.97	1320.04	0.00	
Bayou Din	1	75678.38	1 yr	Existing	2.00	24.84	27.93	24.90	227.96	0.000000	0.00	1391.75	1158.11	0.00	
Bayou Din	1	75678.38	1 yr	w Pond	2.00	24.84	26.89	24.90	32.20	0.000000	0.01	287.44	941.07	0.00	
Bayou Din	1	75046.16	1 yr	Existing	67.00	24.70	27.93	25.62	214.76	0.000010	0.15	427.20	416.31	0.03	
Bayou Din	1	75046.16	1 yr	w Pond	67.00	24.70	26.87	25.62	29.28	0.000222	0.70	115.34	190.36	0.13	

HEC-RAS Profile: 1 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chi
Bayou Din	1	74548.44	1 yr	Existing	67.00	24.60	27.93	25.44	209.76	0.000006	0.16	447.48	397.13	0.02	
Bayou Din	1	74548.44	1 yr	w Pond	67.00	24.60	26.79	25.44	27.81	0.000123	0.47	141.37	176.53	0.09	
Bayou Din	1	74355.75	1 yr	Existing	67.00	24.54	27.93	25.69	207.93	0.000009	0.23	382.64	372.43	0.03	
Bayou Din	1	74355.75	1 yr	w Pond	67.00	24.54	26.73	25.69	27.34	0.000635	1.07	72.30	165.95	0.21	
Bayou Din	1	74165.54	1 yr	Existing	67.00	24.24	27.93	25.41	206.14	0.000007	0.22	435.28	377.15	0.03	
Bayou Din	1	74165.54	1 yr	w Pond	67.00	24.24	26.62	25.41	27.06	0.000476	1.26	53.77	56.12	0.20	
Bayou Din	1	74062.63	1 yr	Existing	67.00	24.13	27.93	25.31	205.06	0.000005	0.20	480.35	377.01	0.02	
Bayou Din	1	74062.63	1 yr	w Pond	67.00	24.13	26.60	25.31	26.88	0.000156	0.75	99.01	131.38	0.11	
Bayou Din	1	73964.53	1 yr	Existing	67.00	24.11	27.93	24.83	203.73	0.000001	0.11	699.46	391.97	0.01	
Bayou Din	1	73964.53	1 yr	w Pond	67.00	24.11	26.60	24.83	26.51	0.000024	0.31	236.59	248.86	0.05	
Bayou Din	1	73863.84	1 yr	Existing	67.00	24.02	27.93	25.06	201.23	0.000001	0.08	1467.48	1833.49	0.01	
Bayou Din	1	73863.84	1 yr	w Pond	67.00	24.02	26.58	25.06	26.14	0.000345	0.88	76.86	110.39	0.16	
Bayou Din	1	73759.66	1 yr	Existing	67.00	23.92	27.93	25.64	197.63	0.000001	0.07	1540.92	1844.05	0.01	
Bayou Din	1	73759.66	1 yr	w Pond	67.00	23.92	26.52	25.64	25.96	0.000919	1.12	72.15	196.63	0.25	
Bayou Din	1	73665.78	1 yr	Existing	67.00	23.96	27.93	25.18	194.36	0.000001	0.07	1487.97	1911.21	0.01	
Bayou Din	1	73665.78	1 yr	w Pond	67.00	23.96	26.48	25.18	25.79	0.000341	0.84	84.59	162.50	0.16	
Bayou Din	1	73560.24	1 yr	Existing	67.00	23.91	27.93	25.00	190.79	0.000001	0.09	1466.43	1871.76	0.01	
Bayou Din	1	73560.24	1 yr	w Pond	67.00	23.91	26.46	25.00	25.54	0.000119	0.73	125.97	253.00	0.10	
Bayou Din	1	73063.72	1 yr	Existing	67.00	23.85	27.93	24.63	178.29	0.000002	0.09	726.34	461.98	0.01	
Bayou Din	1	73063.72	1 yr	w Pond	67.00	23.85	26.44	24.63	23.42	0.000026	0.27	244.56	216.59	0.05	
Bayou Din	1	72556.32	1 yr	Existing	67.00	23.72	27.92	25.44	168.24	0.000001	0.12	998.34	1103.29	0.01	
Bayou Din	1	72556.32	1 yr	w Pond	67.00	23.72	26.39	25.44	21.40	0.000335	1.20	103.38	264.57	0.17	
Bayou Din	1	72067.34	1 yr	Existing	67.00	23.59	27.92	25.23	157.54	0.000002	0.11	908.03	954.95	0.01	
Bayou Din	1	72067.34	1 yr	w Pond	67.00	23.59	26.09	25.23	20.49	0.001316	1.22	57.72	141.25	0.29	
Bayou Din	1	71571.45	1 yr	Existing	67.00	23.13	27.92	24.52	135.77	0.000000	0.03	2917.88	2793.58	0.00	
Bayou Din	1	71571.45	1 yr	w Pond	67.00	23.13	25.45	24.52	19.93	0.001230	1.63	42.12	65.47	0.30	
Bayou Din	1	71066.99	1 yr	Existing	67.00	22.40	27.92	23.75	95.57	0.000000	0.03	4023.55	3066.08	0.00	
Bayou Din	1	71066.99	1 yr	w Pond	67.00	22.40	25.00	23.75	19.43	0.000671	1.54	43.40	32.40	0.24	

HEC-RAS Profile: 1 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	70810	1 yr	Existing	67.00	22.31	27.92	23.77	71.61	0.000000	0.04	4100.17	3066.06	0.00	0.00
Bayou Din	1	70810	1 yr	w Pond	67.00	22.31	24.89	23.77	19.07	0.000398	0.85	78.59	97.73	0.17	
Bayou Din	1	70670	1 yr	Existing	67.00	22.27	27.92	23.75	59.46	0.000000	0.04	4080.95	3066.05	0.00	0.00
Bayou Din	1	70670	1 yr	w Pond	67.00	22.27	24.81	23.75	18.85	0.000650	1.10	60.76	74.08	0.21	
Bayou Din	1	70556.44	1 yr	Existing	67.00	21.78	27.92	23.04	51.69	0.000001	0.10	1111.81	895.63	0.01	0.01
Bayou Din	1	70556.44	1 yr	w Pond	67.00	21.78	24.76	23.04	18.69	0.000346	1.09	61.41	47.15	0.17	
Bayou Din	1	70170	1 yr	Existing	67.00	21.46	27.92	22.89	41.76	0.000001	0.11	1126.89	1145.09	0.01	0.01
Bayou Din	1	70170	1 yr	w Pond	67.00	21.46	24.59	22.89	18.22	0.000427	1.50	44.64	24.19	0.19	
Bayou Din	1	70105.22	1 yr	Existing	67.00	21.05	27.92	22.19	40.12	0.000001	0.10	1087.19	1145.05	0.01	0.01
Bayou Din	1	70105.22	1 yr	w Pond	6.00	21.05	24.61	21.33	18.14	0.000002	0.10	57.58	30.40	0.01	0.01
Bayou Din	1	70062		Culvert											
Bayou Din	1	69840	1 yr	Existing	67.00	20.38	27.43	21.70	39.56	0.000001	0.11	881.25	491.10	0.01	0.01
Bayou Din	1	69840	1 yr	w Pond	6.00	20.38	24.61	20.83	18.09	0.000001	0.05	118.12	83.72	0.01	0.01
Bayou Din	1	69732.16	1 yr	Existing	67.00	19.97	27.43	21.15	37.33	0.000001	0.09	926.72	491.10	0.01	0.01
Bayou Din	1	69732.16	1 yr	w Pond	6.00	19.97	24.61	20.35	17.77	0.000000	0.04	142.90	85.70	0.01	0.01
Bayou Din	1	69378		Culvert											
Bayou Din	1	69211.45	1 yr	Existing	67.00	20.11	27.43	21.33	28.65	0.000002	0.15	515.05	276.38	0.01	0.01
Bayou Din	1	69211.45	1 yr	w Pond	6.00	20.11	24.60	20.47	16.58	0.000001	0.06	101.98	56.13	0.01	0.01
Bayou Din	1	68957		Culvert											
Bayou Din	1	68835	1 yr	Existing	67.00	20.36	27.13	21.62	25.79	0.000004	0.22	521.24	367.32	0.02	0.02
Bayou Din	1	68835	1 yr	w Pond	6.00	20.36	24.59	20.69	15.91	0.000001	0.07	90.86	37.95	0.01	0.01
Bayou Din	1	68705.84	1 yr	Existing	67.00	20.91	27.13	22.08	24.29	0.000003	0.18	496.93	367.30	0.02	0.02
Bayou Din	1	68705.84	1 yr	w Pond	6.00	20.91	24.59	21.21	15.67	0.000001	0.08	77.01	35.07	0.01	0.01
Bayou Din	1	68464		Culvert											
Bayou Din	1	68330	1 yr	Existing	67.00	20.77	26.21	21.95	21.39	0.000018	0.29	249.76	210.44	0.04	0.04
Bayou Din	1	68330	1 yr	w Pond	6.00	20.77	24.58	21.09	15.18	0.000001	0.08	75.13	32.09	0.01	0.01
Bayou Din	1	68203.29	1 yr	Existing	67.00	20.67	26.21	21.85	20.69	0.000021	0.32	225.25	198.67	0.04	0.04
Bayou Din	1	68203.29	1 yr	w Pond	6.00	20.67	24.58	20.94	14.96	0.000001	0.08	77.83	32.82	0.01	0.01

HEC-RAS Profile: 1 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit. W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	67781			Culvert										
Bayou Din	1	67685.54	1 yr	Existing	67.00	20.73	26.16	21.77	17.97	0.000019	0.39	212.54	229.26	0.04	0.04
Bayou Din	1	67685.54	1 yr	w Pond	6.00	20.73	24.58	21.02	14.08	0.000001	0.07	85.71	34.83	0.01	0.01
Bayou Din	1	67570			Culvert										
Bayou Din	1	67500	1 yr	Existing	67.00	20.43	25.43	21.71	17.38	0.000045	0.48	143.11	104.63	0.06	0.06
Bayou Din	1	67500	1 yr	w Pond	6.00	20.43	24.57	20.84	13.82	0.000001	0.07	90.09	38.12	0.01	0.01
Bayou Din	1	67325.24	1 yr	Existing	67.00	20.36	25.41	21.79	16.89	0.000083	0.66	101.27	55.47	0.09	0.09
Bayou Din	1	67325.24	1 yr	w Pond	6.00	20.36	24.57	20.72	13.50	0.000001	0.09	68.31	28.05	0.01	0.01
Bayou Din	1	67070	1 yr	Existing	67.00	20.22	25.40	21.41	16.28	0.000041	0.50	134.48	67.22	0.06	0.06
Bayou Din	1	67070	1 yr	w Pond	6.00	20.22	24.57	20.52	13.08	0.000000	0.06	94.83	36.91	0.01	0.01
Bayou Din	1	66959			Culvert										
Bayou Din	1	66925	1 yr	Existing	67.00	20.22	25.25	21.41	15.84	0.000046	0.54	124.49	59.81	0.07	0.07
Bayou Din	1	66925	1 yr	w Pond	6.00	20.22	24.56	20.52	12.78	0.000000	0.06	94.46	36.85	0.01	0.01
Bayou Din	1	66807.42	1 yr	Existing	67.00	21.07	25.24	22.04	15.43	0.000023	0.37	180.01	92.33	0.05	0.05
Bayou Din	1	66807.42	1 yr	w Pond	6.00	21.07	24.56	21.35	12.48	0.000000	0.05	128.02	65.92	0.01	0.01
Bayou Din	1	66313.46	1 yr	Existing	67.00	20.60	25.22	21.89	13.75	0.000049	0.64	116.19	200.58	0.07	0.07
Bayou Din	1	66313.46	1 yr	w Pond	6.00	20.60	24.56	20.93	11.30	0.000001	0.08	79.02	35.25	0.01	0.01
Bayou Din	1	66050	1 yr	Existing	67.00	20.19	25.21	21.15	12.13	0.000026	0.41	171.55	145.06	0.05	0.05
Bayou Din	1	66050	1 yr	w Pond	6.00	20.19	24.56	20.44	10.19	0.000000	0.05	119.01	56.32	0.01	0.01
Bayou Din	1	65980			Culvert										
Bayou Din	1	65823.99	1 yr	Existing	67.00	20.19	24.52	21.37	11.82	0.000043	0.49	136.01	71.25	0.06	0.06
Bayou Din	1	65823.99	1 yr	w Pond	6.00	20.19	24.56	20.81	9.96	0.000001	0.05	112.27	59.37	0.01	0.01
Bayou Din	1	65530	1 yr	Existing	67.00	19.82	24.91	20.96	10.72	0.000033	0.35	191.32	139.96	0.05	0.05
Bayou Din	1	65530	1 yr	w Pond	6.00	19.82	24.56	20.11	9.10	0.000001	0.04	144.57	123.49	0.01	0.01
Bayou Din	1	65427			Culvert										
Bayou Din	1	65314.24	1 yr	Existing	67.00	20.37	24.83	21.45	10.14	0.000061	0.46	145.04	110.61	0.07	0.07
Bayou Din	1	65314.24	1 yr	w Pond	6.00	20.37	24.56	20.64	8.71	0.000001	0.05	119.33	81.23	0.01	0.01

HEC-RAS Profile: 1 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chi
Bayou Din	1	64856.31	1 yr	Existing	67.00	20.32	24.82	21.08	6.18	0.000014	0.29	228.28	112.67		0.04
Bayou Din	1	64856.31	1 yr	w Pond	6.00	20.32	24.56	20.51	7.02	0.000000	0.03	200.61	99.13		0.00
Bayou Din	1	64447.76	1 yr	Existing	67.00	20.27	24.81		6.16	0.000015	0.34	203.49	128.21		0.04
Bayou Din	1	64447.76	1 yr	w Pond	6.00	20.27	24.56		5.26	0.000000	0.03	175.23	86.49		0.00
Bayou Din	1	64300	1 yr	Existing	67.00	20.28	24.81	21.25	5.54	0.000030	0.44	151.64	96.48		0.05
Bayou Din	1	64300	1 yr	w Pond	6.00	20.28	24.56	20.60	4.73	0.000000	0.04	138.64	87.11		0.01
Bayou Din	1	64157			Culvert										
Bayou Din	1	64100	1 yr	Existing	67.00	20.28	24.80		4.80	0.000031	0.44	160.72	96.12		0.05
Bayou Din	1	64100	1 yr	w Pond	6.00	20.28	24.56		4.16	0.000000	0.04	138.58	87.09		0.01
Bayou Din	1	63916.87	1 yr	Existing	67.00	19.77	24.79	20.92	4.13	0.000034	0.43	157.66	116.98		0.06
Bayou Din	1	63916.87	1 yr	w Pond	6.00	19.77	24.56	20.09	3.58	0.000000	0.04	135.95	73.53		0.01
Bayou Din	1	63662			Culvert										
Bayou Din	1	63427.49	1 yr	Existing	67.00	19.69	24.78	20.52	2.76	0.000014	0.30	236.41	154.64		0.04
Bayou Din	1	63427.49	1 yr	w Pond	6.00	19.69	24.56	19.96	2.47	0.000000	0.03	203.99	118.27		0.00
Bayou Din	1	63300	1 yr	Existing	67.00	19.68	24.78	20.76	2.11	0.000022	0.35	207.68	154.48		0.04
Bayou Din	1	63300	1 yr	w Pond	6.00	19.68	24.56	19.94	1.92	0.000000	0.04	174.69	132.94		0.00
Bayou Din	1	63181			Culvert										
Bayou Din	1	63082	1 yr	Existing	67.00	19.65	24.59		1.44	0.000028	0.34	198.99	155.42		0.05
Bayou Din	1	63082	1 yr	w Pond	6.00	19.65	24.55		1.40	0.000000	0.03	192.91	149.68		0.00
Bayou Din	1	62930.99	1 yr	Existing	67.00	19.57	24.59		0.79	0.000018	0.40	171.19	92.24		0.04
Bayou Din	1	62930.99	1 yr	w Pond	6.00	19.57	24.55		0.78	0.000000	0.04	167.93	89.65		0.00
Bayou Din	1	62750	1 yr	Existing	67.00	19.62	24.58			0.000021	0.34	211.43	154.20		0.04
Bayou Din	1	62750	1 yr	w Pond	6.00	19.62	24.55			0.000000	0.03	206.42	150.61		0.00
Bayou Din	2	62561.74	1 yr	Existing	52.00	19.40	24.59	20.29	185.84	0.000004	0.19	363.66	287.32		0.02
Bayou Din	2	62561.74	1 yr	w Pond	51.00	19.40	24.55	20.28	185.12	0.000004	0.19	353.88	284.37		0.02
Bayou Din	2	62277.63	1 yr	Existing	52.00	19.46	24.58	20.29	183.94	0.000006	0.24	220.46	118.23		0.02
Bayou Din	2	62277.63	1 yr	w Pond	51.00	19.46	24.55	20.28	183.26	0.000006	0.24	216.64	105.11		0.02

HEC-RAS Profile: 1 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	61928.04	1 yr	Existing	52.00	19.36	24.58	20.36	182.14	0.000006	0.24	228.07	136.94	0.03
Bayou Din	2	61928.04	1 yr	w Pond	51.00	19.36	24.55	20.35	181.49	0.000006	0.24	223.47	132.27	0.03
Bayou Din	2	61429.98	1 yr	Existing	52.00	19.26	24.58	20.16	179.55	0.000006	0.24	225.47	117.26	0.02
Bayou Din	2	61429.98	1 yr	w Pond	51.00	19.26	24.54	20.15	178.95	0.000006	0.24	221.48	115.79	0.02
Bayou Din	2	60925.99	1 yr	Existing	52.00	19.28	24.58	19.95	176.62	0.000004	0.20	280.84	150.99	0.02
Bayou Din	2	60925.99	1 yr	w Pond	51.00	19.28	24.54	19.95	176.07	0.000004	0.20	275.71	149.13	0.02
Bayou Din	2	60700		Culvert										
Bayou Din	2	60555	1 yr	Existing	52.00	19.78	24.49	21.35	175.10	0.000015	0.34	164.77	95.99	0.04
Bayou Din	2	60555	1 yr	w Pond	51.00	19.78	24.46	21.35	174.58	0.000015	0.34	161.83	94.95	0.04
Bayou Din	2	60427.15	1 yr	Existing	52.00	20.00	24.49	21.35	174.48	0.000009	0.20	257.94	160.65	0.03
Bayou Din	2	60427.15	1 yr	w Pond	51.00	20.00	24.45	21.35	173.97	0.000009	0.20	253.03	158.89	0.03
Bayou Din	2	59899.06	1 yr	Existing	52.00	20.57	24.48	21.35	172.10	0.000017	0.39	134.40	51.68	0.04
Bayou Din	2	59899.06	1 yr	w Pond	51.00	20.57	24.45	21.35	171.63	0.000017	0.38	132.82	51.43	0.04
Bayou Din	2	59550		Culvert										
Bayou Din	2	59375.33	1 yr	Existing	50.00	20.59	23.48	21.28	170.99	0.000084	0.56	89.80	65.41	0.08
Bayou Din	2	59375.33	1 yr	w Pond	49.00	20.59	23.48	21.28	170.53	0.000081	0.55	89.78	65.41	0.08
Bayou Din	2	58759.73	1 yr	Existing	72.00	19.34	23.45	20.17	169.32	0.000032	0.55	145.35	183.25	0.06
Bayou Din	2	58759.73	1 yr	w Pond	72.00	19.34	23.45	20.17	168.87	0.000032	0.55	145.36	183.25	0.06
Bayou Din	2	58745		Culvert										
Bayou Din	2	58487.16	1 yr	Existing	72.00	20.09	22.72	20.72	169.30	0.000094	0.76	94.76	47.15	0.09
Bayou Din	2	58487.16	1 yr	w Pond	72.00	20.09	22.72	20.72	168.84	0.000094	0.76	94.76	47.14	0.09
Bayou Din	2	57974.63	1 yr	Existing	72.00	19.87	22.65	20.41	168.26	0.000218	1.04	81.46	73.54	0.14
Bayou Din	2	57974.63	1 yr	w Pond	72.00	19.87	22.65	20.41	167.80	0.000218	1.04	81.45	73.54	0.14
Bayou Din	2	56938.84	1 yr	Existing	72.00	19.41	22.47	20.41	166.15	0.000142	0.90	96.11	82.53	0.11
Bayou Din	2	56938.84	1 yr	w Pond	72.00	19.41	22.47	20.41	165.69	0.000142	0.90	96.10	82.53	0.11
Bayou Din	2	56444.11	1 yr	Existing	72.00	19.20	22.41	20.20	165.02	0.000107	0.70	102.46	62.98	0.10
Bayou Din	2	56444.11	1 yr	w Pond	72.00	19.20	22.41	20.20	164.56	0.000107	0.70	102.45	62.97	0.10
Bayou Din	2	55926.34	1 yr	Existing	72.00	18.97	22.38	19.97	163.33	0.000037	0.43	181.40	162.59	0.06

HEC-RAS Profile: 1 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	55926.34	1 yr	w Pond	72.00	18.97	22.38	19.97	162.88	0.000037	0.43	181.37	162.57	0.06
Bayou Din	2	55451.99	1 yr	Existing	72.00	18.76	22.36	19.74	161.64	0.000057	0.60	129.77	128.58	0.08
Bayou Din	2	55451.99	1 yr	w Pond	72.00	18.76	22.36	19.74	161.18	0.000057	0.60	129.75	128.54	0.08
Bayou Din	2	54951.57	1 yr	Existing	72.00	18.54	22.34	19.57	159.65	0.000048	0.37	215.75	274.23	0.06
Bayou Din	2	54951.57	1 yr	w Pond	72.00	18.54	22.34	19.57	159.20	0.000048	0.38	215.71	274.15	0.06
Bayou Din	2	54448.24	1 yr	Existing	72.00	18.32	22.31	19.31	157.21	0.000045	0.52	206.69	290.47	0.07
Bayou Din	2	54448.24	1 yr	w Pond	72.00	18.32	22.31	19.31	156.76	0.000045	0.52	206.64	290.43	0.07
Bayou Din	2	53948.20	1 yr	Existing	72.00	18.10	22.30	19.10	154.38	0.000019	0.38	287.70	248.24	0.04
Bayou Din	2	53948.20	1 yr	w Pond	72.00	18.10	22.30	19.10	153.92	0.000019	0.38	287.65	248.19	0.04
Bayou Din	2	53442.14	1 yr	Existing	72.00	17.88	22.29	18.87	150.92	0.000018	0.40	307.34	295.73	0.04
Bayou Din	2	53442.14	1 yr	w Pond	72.00	17.88	22.29	18.87	150.47	0.000018	0.40	307.28	295.71	0.04
Bayou Din	2	52941.59	1 yr	Existing	72.00	17.66	22.28	18.65	147.48	0.000017	0.41	291.10	322.28	0.04
Bayou Din	2	52941.59	1 yr	w Pond	72.00	17.66	22.28	18.65	147.03	0.000017	0.41	291.04	322.25	0.04
Bayou Din	2	52443.76	1 yr	Existing	72.00	17.44	22.27	18.44	143.54	0.000009	0.30	398.43	330.90	0.03
Bayou Din	2	52443.76	1 yr	w Pond	72.00	17.44	22.27	18.44	143.09	0.000009	0.30	398.37	330.86	0.03
Bayou Din	2	51942.64	1 yr	Existing	186.00	17.22	22.26	18.34	138.47	0.000026	0.57	482.67	335.91	0.05
Bayou Din	2	51942.64	1 yr	w Pond	186.00	17.22	22.26	18.34	138.02	0.000026	0.57	482.61	335.89	0.05
Bayou Din	2	51319.89	1 yr	Existing	186.00	14.00	22.23	16.22	133.85	0.000032	1.13	164.60	32.02	0.09
Bayou Din	2	51319.89	1 yr	w Pond	186.00	14.00	22.23	16.22	133.40	0.000032	1.13	164.60	32.02	0.09
Bayou Din	2	51250		Culvert										
Bayou Din	2	51070.13	1 yr	Existing	186.00	14.00	22.03		133.54	0.000034	1.13	164.77	35.04	0.09
Bayou Din	2	51070.13	1 yr	w Pond	186.00	14.00	22.03		133.09	0.000034	1.13	164.76	35.04	0.09
Bayou Din	2	50898.21	1 yr	Existing	186.00	14.50	22.03		132.72	0.000015	0.74	250.46	58.13	0.06
Bayou Din	2	50898.21	1 yr	w Pond	186.00	14.50	22.03		132.27	0.000015	0.74	250.44	58.13	0.06
Bayou Din	2	50386.33	1 yr	Existing	186.00	15.00	22.02		130.16	0.000042	1.00	186.22	59.58	0.10
Bayou Din	2	50386.33	1 yr	w Pond	186.00	15.00	22.01		129.71	0.000042	1.00	186.21	59.58	0.10
Bayou Din	2	49902.70	1 yr	Existing	186.00	15.20	22.00		126.14	0.000044	0.82	537.00	844.28	0.10
Bayou Din	2	49902.70	1 yr	w Pond	186.00	15.20	22.00		125.69	0.000045	0.82	536.81	844.27	0.10

HEC-RAS Profile: 1 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit.W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	49386.54	1 yr	Existing	208.00	15.98	21.99	17.61	116.13	0.000014	0.41	1152.03	857.21	0.04
Bayou Din	2	49386.54	1 yr	w Pond	208.00	15.98	21.99	17.61	115.69	0.000014	0.41	1151.84	857.19	0.04
Bayou Din	2	48947.66	1 yr	Existing	208.00	15.08	21.99	17.09	105.90	0.000014	0.32	878.45	576.18	0.04
Bayou Din	2	48947.66	1 yr	w Pond	208.00	15.08	21.99	17.09	105.46	0.000014	0.32	878.32	576.16	0.04
Bayou Din	2	48800		Culvert										
Bayou Din	2	48720	1 yr	Existing	208.00	15.23	21.66	17.08	102.84	0.000028	0.60	568.28	388.62	0.06
Bayou Din	2	48720	1 yr	w Pond	208.00	15.23	21.65	17.08	102.40	0.000028	0.61	565.44	387.82	0.06
Bayou Din	2	48518.83	1 yr	Existing	211.00	15.39	21.66	17.41	100.22	0.000027	0.51	566.72	388.08	0.05
Bayou Din	2	48518.83	1 yr	w Pond	211.00	15.39	21.65	17.41	99.78	0.000027	0.52	565.87	387.27	0.05
Bayou Din	2	48346.11	1 yr	Existing	211.00	14.70	21.65	16.72	97.96	0.000022	0.65	570.25	384.61	0.05
Bayou Din	2	48346.11	1 yr	w Pond	211.00	14.70	21.64	16.72	97.54	0.000023	0.66	567.40	383.44	0.05
Bayou Din	2	47858.87	1 yr	Existing	211.00	14.35	21.64	16.41	91.15	0.000017	0.57	646.31	363.69	0.05
Bayou Din	2	47858.87	1 yr	w Pond	211.00	14.35	21.63	16.41	90.77	0.000017	0.57	643.60	362.90	0.05
Bayou Din	2	47378.08	1 yr	Existing	211.00	14.41	21.64	16.44	82.10	0.000007	0.30	994.23	477.42	0.03
Bayou Din	2	47378.08	1 yr	w Pond	211.00	14.41	21.63	16.44	81.75	0.000007	0.30	990.66	476.15	0.03
Bayou Din	2	46861.41	1 yr	Existing	211.00	14.42	21.63	16.53	71.99	0.000013	0.45	710.48	418.18	0.04
Bayou Din	2	46861.41	1 yr	w Pond	211.00	14.42	21.62	16.53	71.68	0.000013	0.45	707.33	416.34	0.04
Bayou Din	2	46307.45	1 yr	Existing	211.00	13.93	21.63	15.66	62.62	0.000012	0.35	762.50	415.13	0.04
Bayou Din	2	46307.45	1 yr	w Pond	211.00	13.93	21.62	15.66	62.35	0.000012	0.36	759.35	414.28	0.04
Bayou Din	2	46250		Culvert										
Bayou Din	2	46166.75	1 yr	Existing	186.00	14.70	21.18	16.25	61.80	0.000016	0.40	634.81	379.08	0.04
Bayou Din	2	46166.75	1 yr	w Pond	186.00	14.70	21.17	16.25	61.53	0.000016	0.40	631.93	378.21	0.04
Bayou Din	2	45778.50	1 yr	Existing	186.00	13.90	21.17	15.55	55.55	0.000011	0.42	766.75	416.39	0.04
Bayou Din	2	45778.50	1 yr	w Pond	186.00	13.90	21.17	15.55	55.31	0.000011	0.42	763.57	415.32	0.04
Bayou Din	2	45276.62	1 yr	Existing	186.00	13.82	21.17	15.41	45.78	0.000006	0.27	929.00	469.91	0.03
Bayou Din	2	45276.62	1 yr	w Pond	186.00	13.82	21.16	15.41	45.58	0.000006	0.27	925.40	468.86	0.03
Bayou Din	2	44778.96	1 yr	Existing	186.00	13.90	21.17	15.79	35.10	0.000007	0.35	942.19	514.84	0.03
Bayou Din	2	44778.96	1 yr	w Pond	186.00	13.90	21.16	15.79	34.93	0.000007	0.35	938.22	514.23	0.03

HEC-RAS Profile: 1 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	44272.49	1 yr	Existing	186.00	13.76	21.16	15.46	25.12	0.000007	0.33	774.23	372.29	0.03	0.03
Bayou Din	2	44272.49	1 yr	w Pond	186.00	13.76	21.15	15.46	25.00	0.000007	0.33	771.36	371.47	0.03	0.03
Bayou Din	2	43774.48	1 yr	Existing	186.00	13.21	21.16	15.00	14.16	0.000005	0.29	1142.59	570.91	0.02	0.02
Bayou Din	2	43774.48	1 yr	w Pond	186.00	13.21	21.15	15.00	14.08	0.000005	0.29	1138.16	569.58	0.02	0.02
Bayou Din	2	43720			Culvert										
Bayou Din	2	43600	1 yr	Existing	186.00	13.64	20.54	15.06	12.76	0.000007	0.38	959.69	399.70	0.03	0.03
Bayou Din	2	43600	1 yr	w Pond	186.00	13.64	20.53	15.06	12.69	0.000007	0.38	955.74	399.07	0.03	0.03
Bayou Din	2	43297.40	1 yr	Existing	159.00	13.23	20.54	14.92	6.17	0.000006	0.34	937.56	399.60	0.03	0.03
Bayou Din	2	43297.40	1 yr	w Pond	158.00	13.23	20.53	14.91	6.12	0.000006	0.34	933.62	398.97	0.03	0.03
Bayou Din	2	43200			Culvert										
Bayou Din	2	42925.20	1 yr	Existing	159.00	13.75	20.29		6.13	0.000005	0.27	828.71	412.01	0.03	0.03
Bayou Din	2	42925.20	1 yr	w Pond	158.00	13.75	20.28		6.08	0.000005	0.27	825.94	411.78	0.03	0.03
Bayou Din	2	42660.40	1 yr	Existing	159.00	13.54	20.28	15.02	0.85	0.000007	0.36	907.55	635.17	0.03	0.03
Bayou Din	2	42660.40	1 yr	w Pond	158.00	13.54	20.28	15.02	0.82	0.000007	0.35	903.29	633.38	0.03	0.03
Bayou Din	2	42444			Culvert										
Bayou Din	2	42229.05	1 yr	Existing	159.00	12.51	19.75	14.33		0.000015	0.45	712.60	546.85	0.04	0.04
Bayou Din	2	42229.05	1 yr	w Pond	158.00	12.51	19.75	14.33		0.000015	0.44	712.60	546.85	0.04	0.04

HEC-RAS Profile: 2 yr

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
D602-D	1	500	2 yr	Existing	147.00	19.53	22.75		0.72	0.000943	2.33	62.97	32.28	0.29
D602-D	1	500	2 yr	w Pond	135.00	19.53	22.63		0.68	0.000942	2.28	59.14	31.35	0.29
D602-D	1	0	2 yr	Existing	147.00	19.06	22.27	20.82		0.000948	2.34	62.85	32.25	0.30
D602-D	1	0	2 yr	w Pond	135.00	19.06	22.15	20.74		0.000948	2.29	59.01	31.32	0.29
Bayou Din	1	79717.28	2 yr	Existing	5.00	26.30	28.93	26.44	636.62	0.000000	0.00	1412.99	1258.03	0.00
Bayou Din	1	79717.28	2 yr	w Pond	5.00	26.30	27.33	26.44	97.27	0.000002	0.05	113.39	239.03	0.01
Bayou Din	1	79282.63	2 yr	Existing	5.00	25.66	28.93	25.81	621.70	0.000000	0.00	1576.91	973.78	0.00
Bayou Din	1	79282.63	2 yr	w Pond	5.00	25.66	27.33	25.81	94.67	0.000000	0.02	407.56	482.81	0.00
Bayou Din	1	78774.23	2 yr	Existing	5.00	24.78	28.93	24.96	595.62	0.000000	0.00	2892.41	2009.87	0.00
Bayou Din	1	78774.23	2 yr	w Pond	5.00	24.78	27.33	24.96	86.15	0.000000	0.01	1053.85	751.42	0.00
Bayou Din	1	78603.12	2 yr	Existing	5.00	24.60	28.93	24.72	584.94	0.000000	0.00	2547.79	1125.06	0.00
Bayou Din	1	78603.12	2 yr	w Pond	5.00	24.60	27.33	24.72	82.19	0.000000	0.01	960.95	653.45	0.00
Bayou Din	1	78160.09	2 yr	Existing	5.00	25.75	28.93	26.08	566.05	0.000000	0.01	1166.64	969.16	0.00
Bayou Din	1	78160.09	2 yr	w Pond	5.00	25.75	27.33	26.08	76.21	0.000000	0.03	213.81	434.95	0.01
Bayou Din	1	77641.38	2 yr	Existing	5.00	25.75	28.93	26.00	557.00	0.000000	0.02	353.07	386.79	0.00
Bayou Din	1	77641.38	2 yr	w Pond	5.00	25.75	27.32	26.00	74.73	0.000009	0.14	35.58	38.43	0.03
Bayou Din	1	77120.67	2 yr	Existing	5.00	25.41	28.93	25.70	544.89	0.000000	0.01	1672.57	1830.12	0.00
Bayou Din	1	77120.67	2 yr	w Pond	5.00	25.41	27.32	25.70	74.14	0.000004	0.10	63.76	143.19	0.02
Bayou Din	1	76900		Culvert										
Bayou Din	1	76658.63	2 yr	Existing	5.00	25.23	28.93	25.46	528.37	0.000000	0.00	1882.78	1670.29	0.00
Bayou Din	1	76658.63	2 yr	w Pond	5.00	25.23	27.09	25.46	73.82	0.000001	0.06	106.78	198.08	0.01
Bayou Din	1	76631.90	2 yr	Existing	5.00	25.05	28.93	25.14	516.82	0.000000	0.00	2554.55	1539.42	0.00
Bayou Din	1	76631.90	2 yr	w Pond	5.00	25.05	27.09	25.14	72.89	0.000000	0.03	249.12	430.86	0.00
Bayou Din	1	76055.61	2 yr	Existing	5.00	24.90	28.93	25.01	474.90	0.000000	0.00	3783.43	1934.38	0.00
Bayou Din	1	76055.61	2 yr	w Pond	5.00	24.90	27.09	25.01	65.66	0.000000	0.01	844.11	1353.27	0.00
Bayou Din	1	75678.38	2 yr	Existing	5.00	24.84	28.93	24.95	447.14	0.000000	0.00	2626.25	1328.82	0.00
Bayou Din	1	75678.38	2 yr	w Pond	5.00	24.84	27.09	24.95	59.89	0.000000	0.02	488.77	1012.60	0.00
Bayou Din	1	75046.16	2 yr	Existing	98.00	24.70	28.93	25.82	421.12	0.000002	0.10	959.88	628.47	0.01
Bayou Din	1	75046.16	2 yr	w Pond	98.00	24.70	27.07	25.82	55.20	0.000214	0.74	157.42	214.42	0.13

HEC-RAS Profile: 2 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	74548.44	2 yr	Existing	98.00	24.60	28.93	25.59	410.60	0.000002	0.12	880.65	472.10	0.01	0.01
Bayou Din	1	74548.44	2 yr	w Pond	98.00	24.60	26.99	25.59	53.28	0.000130	0.55	178.95	187.56	0.10	0.10
Bayou Din	1	74355.75	2 yr	Existing	98.00	24.54	28.93	25.89	406.94	0.000003	0.16	777.39	422.08	0.02	0.02
Bayou Din	1	74355.75	2 yr	w Pond	98.00	24.54	26.94	25.89	52.64	0.000512	1.07	109.09	183.03	0.20	0.20
Bayou Din	1	74165.54	2 yr	Existing	98.00	24.24	28.93	25.63	403.39	0.000002	0.16	847.50	462.62	0.02	0.02
Bayou Din	1	74165.54	2 yr	w Pond	98.00	24.24	26.80	25.63	52.25	0.000744	1.54	71.26	141.14	0.25	0.25
Bayou Din	1	74062.63	2 yr	Existing	98.00	24.13	28.93	25.53	401.28	0.000002	0.17	938.70	641.10	0.02	0.02
Bayou Din	1	74062.63	2 yr	w Pond	98.00	24.13	26.78	25.53	52.02	0.000200	0.93	124.93	162.24	0.13	0.13
Bayou Din	1	73964.53	2 yr	Existing	98.00	24.11	28.93	24.94	398.90	0.000001	0.11	1170.57	594.72	0.01	0.01
Bayou Din	1	73964.53	2 yr	w Pond	98.00	24.11	26.78	24.94	51.55	0.000034	0.38	285.43	289.89	0.05	0.05
Bayou Din	1	73863.84	2 yr	Existing	98.00	24.02	28.93	25.27	393.51	0.000000	0.04	3499.02	2323.93	0.00	0.00
Bayou Din	1	73863.84	2 yr	w Pond	98.00	24.02	26.76	25.27	51.11	0.000411	1.06	100.81	151.52	0.18	0.18
Bayou Din	1	73759.66	2 yr	Existing	98.00	23.92	28.93	25.06	384.98	0.000000	0.04	3631.46	2513.10	0.00	0.00
Bayou Din	1	73759.66	2 yr	w Pond	98.00	23.92	26.70	26.06	50.85	0.000729	1.06	113.92	285.52	0.22	0.22
Bayou Din	1	73665.78	2 yr	Existing	98.00	23.96	28.93	25.37	377.20	0.000000	0.04	3586.28	2394.76	0.00	0.00
Bayou Din	1	73665.78	2 yr	w Pond	98.00	23.96	26.65	25.37	50.60	0.000428	0.95	119.81	241.87	0.18	0.18
Bayou Din	1	73560.24	2 yr	Existing	98.00	23.91	28.93	25.18	368.40	0.000000	0.05	3676.97	2537.37	0.00	0.00
Bayou Din	1	73560.24	2 yr	w Pond	98.00	23.91	26.63	25.18	50.24	0.000139	0.84	173.19	304.92	0.11	0.11
Bayou Din	1	73063.72	2 yr	Existing	98.00	23.85	28.93	24.76	340.39	0.000001	0.08	1237.96	591.59	0.01	0.01
Bayou Din	1	73063.72	2 yr	w Pond	98.00	23.85	26.60	24.76	47.65	0.000040	0.35	281.09	239.13	0.06	0.06
Bayou Din	1	72556.32	2 yr	Existing	98.00	23.72	28.93	25.73	318.69	0.000000	0.08	2488.35	1961.76	0.01	0.01
Bayou Din	1	72556.32	2 yr	w Pond	98.00	23.72	26.54	25.73	45.17	0.000326	1.26	145.22	292.19	0.17	0.17
Bayou Din	1	72067.34	2 yr	Existing	98.00	23.59	28.92	25.49	292.57	0.000000	0.07	2185.32	1467.63	0.01	0.01
Bayou Din	1	72067.34	2 yr	w Pond	98.00	23.59	26.28	25.49	43.85	0.000944	1.25	80.73	217.99	0.25	0.25
Bayou Din	1	71571.45	2 yr	Existing	98.00	23.13	28.92	24.75	245.36	0.000000	0.02	6127.40	3474.89	0.00	0.00
Bayou Din	1	71571.45	2 yr	w Pond	98.00	23.13	25.92	24.75	42.70	0.000592	1.13	111.08	242.12	0.21	0.21
Bayou Din	1	71066.99	2 yr	Existing	98.00	22.40	28.92	24.00	167.86	0.000000	0.02	7258.06	3325.55	0.00	0.00
Bayou Din	1	71066.99	2 yr	w Pond	98.00	22.40	25.81	24.00	40.59	0.000122	0.55	253.31	544.35	0.10	0.10

HEC-RAS Profile: 2 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E. G. Slope (ft/ft)	Vel Chnl. (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	70810	2 yr	Existing	98.00	22.31	28.92	24.01	124.81	0.000000	0.03	7334.74	3325.54	0.00	0.00
Bayou Din	1	70810	2 yr	w Pond	98.00	22.31	25.79	24.01	38.90	0.000052	0.46	318.69	547.17	0.07	0.07
Bayou Din	1	70670	2 yr	Existing	98.00	22.27	28.92	24.00	101.27	0.000000	0.03	7315.56	3325.54	0.00	0.00
Bayou Din	1	70670	2 yr	w Pond	98.00	22.27	25.78	24.00	37.92	0.000071	0.52	294.57	541.64	0.08	0.08
Bayou Din	1	70556.44	2 yr	Existing	98.00	21.78	28.92	23.30	88.80	0.000000	0.07	2249.51	1380.95	0.01	0.01
Bayou Din	1	70556.44	2 yr	w Pond	98.00	21.78	25.77	23.30	37.35	0.000143	0.72	136.86	102.25	0.11	0.11
Bayou Din	1	70170	2 yr	Existing	98.00	21.46	28.92	23.18	68.00	0.000000	0.08	2440.02	1405.82	0.01	0.01
Bayou Din	1	70170	2 yr	w Pond	98.00	21.46	25.69	23.18	36.26	0.000315	0.89	110.05	106.71	0.15	0.15
Bayou Din	1	70105.22	2 yr	Existing	99.00	21.05	28.92	22.48	64.40	0.000000	0.07	2400.37	1405.82	0.01	0.01
Bayou Din	1	70105.22	2 yr	w Pond	16.00	21.05	25.69	21.54	36.10	0.000004	0.15	107.15	55.14	0.02	0.02
Bayou Din	1	70062		Culvert											
Bayou Din	1	69640	2 yr	Existing	99.00	20.38	27.85	21.96	63.21	0.000001	0.14	1122.25	688.64	0.01	0.01
Bayou Din	1	69640	2 yr	w Pond	16.00	20.38	25.66	21.06	36.02	0.000001	0.07	246.96	216.93	0.01	0.01
Bayou Din	1	69732.16	2 yr	Existing	99.00	19.97	27.85	21.41	60.37	0.000001	0.11	1167.71	688.58	0.01	0.01
Bayou Din	1	69732.16	2 yr	w Pond	16.00	19.97	25.66	20.55	35.37	0.000001	0.06	277.03	245.66	0.01	0.01
Bayou Din	1	69378		Culvert											
Bayou Din	1	69211.45	2 yr	Existing	99.00	20.11	27.85	21.60	47.76	0.000003	0.19	638.70	312.65	0.02	0.02
Bayou Din	1	69211.45	2 yr	w Pond	16.00	20.11	25.59	20.69	33.14	0.000002	0.09	176.39	97.63	0.01	0.01
Bayou Din	1	68957		Culvert											
Bayou Din	1	68835	2 yr	Existing	99.00	20.36	27.20	21.90	44.22	0.000007	0.31	550.18	371.20	0.03	0.03
Bayou Din	1	68835	2 yr	w Pond	16.00	20.36	25.57	20.94	32.08	0.000002	0.12	137.02	89.62	0.01	0.01
Bayou Din	1	68705.84	2 yr	Existing	99.00	20.91	27.20	22.35	42.63	0.000006	0.25	525.77	371.17	0.03	0.03
Bayou Din	1	68705.84	2 yr	w Pond	16.00	20.91	25.57	21.43	31.69	0.000003	0.13	123.41	79.94	0.02	0.02
Bayou Din	1	68464		Culvert											
Bayou Din	1	68330	2 yr	Existing	99.00	20.77	26.85	22.22	39.30	0.000011	0.29	431.35	350.09	0.03	0.03
Bayou Din	1	68330	2 yr	w Pond	16.00	20.77	25.50	21.30	30.95	0.000004	0.12	134.75	105.43	0.02	0.02
Bayou Din	1	68203.29	2 yr	Existing	99.00	20.67	26.85	22.13	38.10	0.000013	0.30	393.45	341.79	0.04	0.04
Bayou Din	1	68203.29	2 yr	w Pond	16.00	20.67	25.50	21.17	30.57	0.000004	0.13	127.70	90.94	0.02	0.02

HEC-RAS Profile: 2 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Cntrl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	67781			Culvert										
Bayou Din	1	67685.54	2 yr	Existing	99.00	20.73	26.84	22.02	32.03	0.000011	0.34	418.13	343.12	0.03	0.03
Bayou Din	1	67685.54	2 yr	w Pond	16.00	20.73	25.46	21.21	29.21	0.000002	0.13	125.39	70.89	0.01	0.01
Bayou Din	1	67570			Culvert										
Bayou Din	1	67500	2 yr	Existing	99.00	20.43	25.73	21.98	30.83	0.000072	0.59	182.87	156.83	0.08	0.08
Bayou Din	1	67500	2 yr	w Pond	16.00	20.43	25.42	21.06	28.84	0.000003	0.12	142.28	103.57	0.02	0.02
Bayou Din	1	67325.24	2 yr	Existing	99.00	20.36	25.71	22.11	30.23	0.000164	0.83	120.55	122.50	0.12	0.12
Bayou Din	1	67325.24	2 yr	w Pond	16.00	20.36	25.42	21.00	28.35	0.000005	0.16	101.56	55.65	0.02	0.02
Bayou Din	1	67070	2 yr	Existing	99.00	20.22	25.69	21.70	29.51	0.000068	0.64	156.24	95.02	0.08	0.08
Bayou Din	1	67070	2 yr	w Pond	16.00	20.22	25.42	20.75	27.74	0.000002	0.12	135.51	67.93	0.01	0.01
Bayou Din	1	66959			Culvert										
Bayou Din	1	66925	2 yr	Existing	99.00	20.22	25.61	21.70	28.95	0.000075	0.66	149.71	77.14	0.08	0.08
Bayou Din	1	66925	2 yr	w Pond	16.00	20.22	25.41	20.75	27.29	0.000002	0.12	135.31	67.79	0.01	0.01
Bayou Din	1	66807.42	2 yr	Existing	99.00	21.07	25.61	22.25	28.43	0.000031	0.45	233.65	187.09	0.06	0.06
Bayou Din	1	66807.42	2 yr	w Pond	16.00	21.07	25.41	21.54	26.84	0.000001	0.08	199.31	150.23	0.01	0.01
Bayou Din	1	66313.46	2 yr	Existing	99.00	20.60	25.58	22.18	25.84	0.000076	0.71	223.69	380.05	0.09	0.09
Bayou Din	1	66313.46	2 yr	w Pond	16.00	20.60	25.41	21.18	24.79	0.000003	0.13	162.87	318.84	0.02	0.02
Bayou Din	1	66050	2 yr	Existing	99.00	20.19	25.56	21.39	23.29	0.000034	0.50	228.80	170.36	0.06	0.06
Bayou Din	1	66050	2 yr	w Pond	16.00	20.19	25.41	20.61	22.73	0.000001	0.09	203.91	163.91	0.01	0.01
Bayou Din	1	65980			Culvert										
Bayou Din	1	65823.99	2 yr	Existing	99.00	20.19	25.46	21.62	22.80	0.000044	0.54	205.49	165.25	0.06	0.06
Bayou Din	1	65823.99	2 yr	w Pond	16.00	20.19	25.41	20.80	22.33	0.000001	0.09	197.42	163.11	0.01	0.01
Bayou Din	1	65530	2 yr	Existing	99.00	19.82	25.45	21.23	21.17	0.000025	0.36	277.56	214.25	0.05	0.05
Bayou Din	1	65530	2 yr	w Pond	16.00	19.82	25.41	20.33	20.75	0.000001	0.06	288.94	201.68	0.01	0.01
Bayou Din	1	65427			Culvert										
Bayou Din	1	65314.24	2 yr	Existing	99.00	20.37	25.45	21.71	20.13	0.000048	0.42	235.88	213.05	0.06	0.06
Bayou Din	1	65314.24	2 yr	w Pond	16.00	20.37	25.41	20.85	19.77	0.000001	0.07	228.02	201.51	0.01	0.01

HEC-RAS Profile: 2 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Cmt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chi
Bayou Din	1	64856.31	2 yr	Existing	99.00	20.32	25.44	21.26	17.23	0.000014	0.32	316.65	169.21		0.04
Bayou Din	1	64856.31	2 yr	w Pond	16.00	20.32	25.41	20.65	16.93	0.000000	0.05	311.92	168.10		0.01
Bayou Din	1	64447.76	2 yr	Existing	99.00	20.27	25.43		13.84	0.000015	0.38	406.35	563.82		0.04
Bayou Din	1	64447.76	2 yr	w Pond	16.00	20.27	25.41		13.62	0.000000	0.06	394.13	545.25		0.01
Bayou Din	1	64300	2 yr	Existing	99.00	20.28	25.43	21.49	12.70	0.000028	0.47	262.31	276.44		0.05
Bayou Din	1	64300	2 yr	w Pond	16.00	20.28	25.41	20.75	12.51	0.000001	0.08	257.49	272.47		0.01
Bayou Din	1	64157			Culvert										
Bayou Din	1	64100	2 yr	Existing	99.00	20.28	25.42		11.26	0.000028	0.48	261.38	275.68		0.05
Bayou Din	1	64100	2 yr	w Pond	16.00	20.28	25.41		11.11	0.000001	0.06	257.24	272.26		0.01
Bayou Din	1	63916.87	2 yr	Existing	99.00	19.77	25.42	21.19	9.91	0.000026	0.40	381.70	674.40		0.05
Bayou Din	1	63916.87	2 yr	w Pond	16.00	19.77	25.41	20.30	9.78	0.000001	0.07	374.27	665.36		0.01
Bayou Din	1	63662			Culvert										
Bayou Din	1	63427.49	2 yr	Existing	99.00	19.69	25.42	20.72	5.88	0.000012	0.31	426.21	510.94		0.03
Bayou Din	1	63427.49	2 yr	w Pond	16.00	19.69	25.41	20.10	5.84	0.000000	0.05	421.72	505.98		0.01
Bayou Din	1	63300	2 yr	Existing	99.00	19.68	25.41	21.02	4.68	0.000015	0.35	396.86	509.79		0.04
Bayou Din	1	63300	2 yr	w Pond	16.00	19.68	25.41	20.15	4.65	0.000000	0.06	393.39	505.95		0.01
Bayou Din	1	63181			Culvert										
Bayou Din	1	63082	2 yr	Existing	99.00	19.65	25.41		2.87	0.000014	0.30	398.77	345.06		0.04
Bayou Din	1	63082	2 yr	w Pond	16.00	19.65	25.41		2.86	0.000000	0.05	396.97	341.51		0.01
Bayou Din	1	62930.99	2 yr	Existing	99.00	19.57	25.41		1.57	0.000018	0.39	350.74	335.48		0.04
Bayou Din	1	62930.99	2 yr	w Pond	16.00	19.57	25.41		1.57	0.000000	0.06	350.06	334.86		0.01
Bayou Din	1	62750	2 yr	Existing	99.00	19.62	25.41			0.000012	0.32	404.00	346.25		0.03
Bayou Din	1	62750	2 yr	w Pond	16.00	19.62	25.41			0.000000	0.05	404.03	346.28		0.01
Bayou Din	2	62561.74	2 yr	Existing	55.00	19.40	25.41	20.32	329.51	0.000001	0.13	655.59	472.29		0.01
Bayou Din	2	62561.74	2 yr	w Pond	55.00	19.40	25.41	20.32	328.21	0.000001	0.13	655.14	472.13		0.01
Bayou Din	2	62277.63	2 yr	Existing	55.00	19.46	25.41	20.31	325.91	0.000002	0.18	446.68	431.64		0.02
Bayou Din	2	62277.63	2 yr	w Pond	55.00	19.46	25.41	20.31	324.62	0.000002	0.18	446.26	431.29		0.02

HEC-RAS Profile: 2 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	61928.04	2 yr	Existing	55.00	19.36	25.41	20.38	322.48	0.000003	0.18	409.71	330.20	0.02
Bayou Din	2	61928.04	2 yr	w Pond	55.00	19.36	25.41	20.38	321.18	0.000003	0.18	409.39	330.04	0.02
Bayou Din	2	61429.98	2 yr	Existing	55.00	19.26	25.40	20.18	318.18	0.000003	0.19	341.08	187.55	0.02
Bayou Din	2	61429.98	2 yr	w Pond	55.00	19.26	25.40	20.18	316.89	0.000003	0.19	340.90	187.48	0.02
Bayou Din	2	60925.99	2 yr	Existing	55.00	19.28	25.40	19.98	313.78	0.000002	0.15	420.00	190.05	0.01
Bayou Din	2	60925.99	2 yr	w Pond	55.00	19.28	25.40	19.98	312.49	0.000002	0.15	419.82	189.98	0.01
Bayou Din	2	60700		Culvert										
Bayou Din	2	60555	2 yr	Existing	55.00	19.78	25.30	21.37	311.55	0.000006	0.25	271.62	192.90	0.03
Bayou Din	2	60555	2 yr	w Pond	55.00	19.78	25.30	21.37	310.27	0.000006	0.25	271.44	192.71	0.03
Bayou Din	2	60427.15	2 yr	Existing	55.00	20.00	25.30	21.37	310.53	0.000003	0.14	421.84	261.90	0.02
Bayou Din	2	60427.15	2 yr	w Pond	55.00	20.00	25.30	21.37	309.25	0.000003	0.14	421.58	261.72	0.02
Bayou Din	2	59899.06	2 yr	Existing	55.00	20.57	25.30	21.37	306.89	0.000009	0.31	179.62	58.40	0.03
Bayou Din	2	59899.06	2 yr	w Pond	55.00	20.57	25.30	21.37	305.60	0.000009	0.31	179.56	58.40	0.03
Bayou Din	2	59550		Culvert										
Bayou Din	2	59375.33	2 yr	Existing	67.00	20.59	24.94	21.40	305.37	0.000010	0.27	407.30	505.16	0.03
Bayou Din	2	59375.33	2 yr	w Pond	66.00	20.59	24.94	21.39	304.09	0.000010	0.26	406.69	504.81	0.03
Bayou Din	2	58759.73	2 yr	Existing	105.00	19.34	24.93	20.38	297.32	0.000006	0.30	731.77	501.79	0.03
Bayou Din	2	58759.73	2 yr	w Pond	105.00	19.34	24.93	20.38	296.05	0.000006	0.30	731.17	501.63	0.03
Bayou Din	2	58745		Culvert										
Bayou Din	2	58487.16	2 yr	Existing	105.00	20.09	23.48	20.89	297.23	0.000084	0.70	173.70	228.77	0.09
Bayou Din	2	58487.16	2 yr	w Pond	105.00	20.09	23.48	20.89	295.95	0.000084	0.70	173.43	228.17	0.09
Bayou Din	2	57974.63	2 yr	Existing	105.00	19.87	23.42	20.38	295.31	0.000175	0.82	151.63	123.86	0.12
Bayou Din	2	57974.63	2 yr	w Pond	105.00	19.87	23.42	20.38	294.04	0.000176	0.82	151.47	123.67	0.12
Bayou Din	2	56938.84	2 yr	Existing	105.00	19.41	23.27	20.64	291.03	0.000122	0.67	208.31	221.30	0.10
Bayou Din	2	56938.84	2 yr	w Pond	105.00	19.41	23.27	20.64	289.77	0.000123	0.67	207.86	220.89	0.10
Bayou Din	2	56444.11	2 yr	Existing	105.00	19.20	23.22	20.43	288.86	0.000091	0.61	174.26	145.35	0.09
Bayou Din	2	56444.11	2 yr	w Pond	105.00	19.20	23.22	20.43	287.60	0.000091	0.61	173.93	144.81	0.09
Bayou Din	2	55926.34	2 yr	Existing	105.00	18.97	23.21	20.20	285.68	0.000018	0.38	361.43	289.75	0.04

HEC-RAS Profile: 2 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chi
Bayou Din	2	55926.34	2 yr	w Pond	105.00	18.97	23.20	20.20	284.42	0.000018	0.39	360.74	289.17		0.04
Bayou Din	2	55451.99	2 yr	Existing	105.00	18.76	23.19	19.97	281.49	0.000029	0.47	406.68	624.13		0.05
Bayou Din	2	55451.99	2 yr	w Pond	105.00	18.76	23.19	19.97	280.25	0.000029	0.47	405.16	623.07		0.05
Bayou Din	2	54951.57	2 yr	Existing	105.00	18.54	23.19	19.79	276.25	0.000013	0.27	507.00	387.82		0.03
Bayou Din	2	54951.57	2 yr	w Pond	105.00	18.54	23.18	19.79	275.02	0.000013	0.27	506.04	387.60		0.03
Bayou Din	2	54448.24	2 yr	Existing	105.00	18.32	23.18	19.55	270.11	0.000015	0.35	555.33	477.41		0.04
Bayou Din	2	54448.24	2 yr	w Pond	105.00	18.32	23.18	19.55	268.89	0.000015	0.35	554.14	477.10		0.04
Bayou Din	2	53948.20	2 yr	Existing	105.00	18.10	23.17	19.33	263.60	0.000010	0.32	579.02	402.05		0.03
Bayou Din	2	53948.20	2 yr	w Pond	105.00	18.10	23.17	19.33	262.40	0.000010	0.32	578.00	401.86		0.03
Bayou Din	2	53442.14	2 yr	Existing	105.00	17.88	23.17	19.11	256.58	0.000009	0.33	628.72	417.16		0.03
Bayou Din	2	53442.14	2 yr	w Pond	105.00	17.88	23.17	19.11	255.39	0.000009	0.33	627.65	416.95		0.03
Bayou Din	2	52941.59	2 yr	Existing	105.00	17.66	23.16	18.90	249.38	0.000008	0.33	624.51	412.66		0.03
Bayou Din	2	52941.59	2 yr	w Pond	105.00	17.66	23.16	18.90	248.20	0.000008	0.33	623.45	412.48		0.03
Bayou Din	2	52443.76	2 yr	Existing	105.00	17.44	23.16	18.67	241.28	0.000006	0.28	792.47	540.81		0.03
Bayou Din	2	52443.76	2 yr	w Pond	105.00	17.44	23.16	18.67	240.12	0.000006	0.28	791.07	540.23		0.03
Bayou Din	2	51942.64	2 yr	Existing	282.00	17.22	23.15	18.65	231.93	0.000020	0.58	833.75	445.65		0.05
Bayou Din	2	51942.64	2 yr	w Pond	282.00	17.22	23.15	18.65	230.78	0.000020	0.58	832.59	445.37		0.05
Bayou Din	2	51319.89	2 yr	Existing	282.00	14.00	23.10	16.81	224.59	0.000047	1.46	193.74	34.58		0.11
Bayou Din	2	51319.89	2 yr	w Pond	282.00	14.00	23.10	16.81	223.45	0.000047	1.46	193.65	34.57		0.11
Bayou Din	2	51250		Culvert											
Bayou Din	2	51070.13	2 yr	Existing	282.00	14.00	22.70		224.24	0.000054	1.49	189.16	37.47		0.12
Bayou Din	2	51070.13	2 yr	w Pond	282.00	14.00	22.70		223.10	0.000054	1.49	189.06	37.46		0.12
Bayou Din	2	50898.21	2 yr	Existing	282.00	14.50	22.71		223.29	0.000023	0.97	291.31	62.60		0.08
Bayou Din	2	50898.21	2 yr	w Pond	282.00	14.50	22.71		222.15	0.000023	0.97	291.13	62.58		0.08
Bayou Din	2	50366.33	2 yr	Existing	282.00	15.00	22.68		220.24	0.000058	1.23	228.97	68.26		0.12
Bayou Din	2	50366.33	2 yr	w Pond	282.00	15.00	22.68		219.10	0.000058	1.23	228.77	68.22		0.12
Bayou Din	2	49902.70	2 yr	Existing	282.00	15.20	22.68		212.62	0.000021	0.65	1143.52	939.71		0.07
Bayou Din	2	49902.70	2 yr	w Pond	282.00	15.20	22.68		211.50	0.000022	0.65	1140.73	939.44		0.07

HEC-RAS Profile: 2 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	49386.54	2 yr	Existing	280.00	15.98	22.68	17.92	195.33	0.000006	0.35	1774.32	941.39	0.03
Bayou Din	2	49386.54	2 yr	w Pond	280.00	15.98	22.67	17.92	194.24	0.000008	0.35	1771.51	941.20	0.03
Bayou Din	2	48947.66	2 yr	Existing	280.00	15.08	22.67	17.45	179.84	0.000009	0.31	1299.64	660.56	0.03
Bayou Din	2	48947.66	2 yr	w Pond	280.00	15.08	22.67	17.45	178.78	0.000009	0.31	1297.65	660.02	0.03
Bayou Din	2	48800		Culvert										
Bayou Din	2	48720	2 yr	Existing	280.00	15.23	22.48	17.40	174.95	0.000018	0.55	931.74	498.91	0.05
Bayou Din	2	48720	2 yr	w Pond	280.00	15.23	22.47	17.40	173.90	0.000018	0.56	925.98	497.16	0.05
Bayou Din	2	48518.83	2 yr	Existing	291.00	15.39	22.48	17.74	170.64	0.000017	0.49	932.46	498.42	0.04
Bayou Din	2	48518.83	2 yr	w Pond	290.00	15.39	22.47	17.73	169.62	0.000017	0.49	926.70	496.67	0.04
Bayou Din	2	48346.11	2 yr	Existing	291.00	14.70	22.48	17.07	166.92	0.000017	0.64	945.09	520.92	0.05
Bayou Din	2	48346.11	2 yr	w Pond	290.00	14.70	22.46	17.07	165.93	0.000017	0.64	939.05	519.40	0.05
Bayou Din	2	47858.87	2 yr	Existing	291.00	14.35	22.47	16.75	155.94	0.000014	0.58	1018.65	549.06	0.04
Bayou Din	2	47858.87	2 yr	w Pond	290.00	14.35	22.46	16.75	155.01	0.000014	0.59	1012.26	547.64	0.04
Bayou Din	2	47378.08	2 yr	Existing	291.00	14.41	22.47	16.73	142.33	0.000005	0.31	1447.95	603.81	0.03
Bayou Din	2	47378.08	2 yr	w Pond	290.00	14.41	22.46	16.73	141.47	0.000006	0.31	1440.91	602.57	0.03
Bayou Din	2	46861.41	2 yr	Existing	291.00	14.42	22.46	16.89	127.04	0.000011	0.46	1130.35	597.12	0.04
Bayou Din	2	46861.41	2 yr	w Pond	290.00	14.42	22.45	16.88	126.27	0.000011	0.46	1123.40	593.41	0.04
Bayou Din	2	46307.45	2 yr	Existing	291.00	13.93	22.46	16.01	112.15	0.000009	0.35	1210.13	941.23	0.03
Bayou Din	2	46307.45	2 yr	w Pond	290.00	13.93	22.45	16.01	111.50	0.000009	0.35	1199.28	910.70	0.03
Bayou Din	2	46250		Culvert										
Bayou Din	2	46166.75	2 yr	Existing	261.00	14.70	22.44	16.58	110.54	0.000007	0.34	1380.72	1136.82	0.03
Bayou Din	2	46166.75	2 yr	w Pond	261.00	14.70	22.43	16.58	109.90	0.000007	0.34	1348.53	1127.61	0.03
Bayou Din	2	45778.50	2 yr	Existing	261.00	13.90	22.43	15.92	97.07	0.000006	0.36	1660.37	1233.62	0.03
Bayou Din	2	45778.50	2 yr	w Pond	261.00	13.90	22.42	15.92	96.55	0.000006	0.37	1647.05	1231.70	0.03
Bayou Din	2	45276.62	2 yr	Existing	261.00	13.82	22.43	15.74	77.97	0.000003	0.24	1655.94	664.58	0.02
Bayou Din	2	45276.62	2 yr	w Pond	261.00	13.82	22.42	15.74	77.56	0.000003	0.24	1648.76	663.77	0.02
Bayou Din	2	44778.96	2 yr	Existing	261.00	13.90	22.43	16.15	58.70	0.000004	0.31	1716.44	752.50	0.02
Bayou Din	2	44778.96	2 yr	w Pond	261.00	13.90	22.42	16.15	58.39	0.000004	0.31	1708.28	751.33	0.02

HEC-RAS Profile: 2 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E. G. Slope (ft/ft)	Vel Cntrl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	44272.49	2 yr	Existing	261.00	13.76	22.43	15.78	40.43	0.000004	0.30	1427.27	668.24		0.02
Bayou Din	2	44272.49	2 yr	w Pond	261.00	13.76	22.42	15.78	40.20	0.000004	0.30	1420.04	663.99		0.02
Bayou Din	2	43774.48	2 yr	Existing	261.00	13.21	22.43	15.39	20.88	0.000003	0.27	1992.84	831.84		0.02
Bayou Din	2	43774.48	2 yr	w Pond	261.00	13.21	22.42	15.39	20.74	0.000003	0.27	1983.84	822.81		0.02
Bayou Din	2	43720			Culvert										
Bayou Din	2	43600	2 yr	Existing	261.00	13.64	21.50	15.38	18.47	0.000005	0.38	1366.39	445.96		0.03
Bayou Din	2	43600	2 yr	w Pond	261.00	13.64	21.48	15.38	18.35	0.000005	0.39	1360.32	445.43		0.03
Bayou Din	2	43297.40	2 yr	Existing	219.00	13.23	21.50	15.26	9.06	0.000004	0.33	1344.38	445.92		0.02
Bayou Din	2	43297.40	2 yr	w Pond	218.00	13.23	21.48	15.25	8.98	0.000004	0.33	1338.30	445.39		0.02
Bayou Din	2	43200			Culvert										
Bayou Din	2	42925.20	2 yr	Existing	219.00	13.75	21.02	9.01	0.000005	0.29	0.29	1138.54	434.11		0.02
Bayou Din	2	42925.20	2 yr	w Pond	218.00	13.75	21.01	8.93	0.000005	0.28	0.28	1134.52	433.92		0.02
Bayou Din	2	42660.40	2 yr	Existing	219.00	13.54	21.02	15.30	1.16	0.000006	0.34	1443.17	829.45		0.03
Bayou Din	2	42660.40	2 yr	w Pond	218.00	13.54	21.01	15.30	1.11	0.000006	0.34	1435.50	826.99		0.03
Bayou Din	2	42444			Culvert										
Bayou Din	2	42229.05	2 yr	Existing	219.00	12.51	20.00	14.66	0.000019	0.54	0.54	856.99	608.25		0.05
Bayou Din	2	42229.05	2 yr	w Pond	218.00	12.51	20.00	14.65	0.000019	0.53	0.53	856.99	608.25		0.05

HEC-RAS Profile: 5 yr

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
D602-D	1	500	5 yr	Existing	236.00	19.53	23.50		1.02	0.000943	2.64	89.36	40.87		0.30
D602-D	1	500	5 yr	w Pond	216.00	19.53	23.35		0.96	0.000944	2.58	83.72	36.93		0.30
D602-D	1	0	5 yr	Existing	236.00	19.06	23.02	21.29		0.000948	2.65	89.20	39.88		0.30
D602-D	1	0	5 yr	w Pond	216.00	19.06	22.87	21.19		0.000949	2.58	83.56	36.90		0.30
Bayou Din	1	79717.28	5 yr	Existing	10.00	26.30	29.51	26.49	868.33	0.000000	0.01	2165.43	1318.14		0.00
Bayou Din	1	79717.28	5 yr	w Pond	10.00	26.30	27.58	26.49	136.64	0.000002	0.06	187.18	361.67		0.01
Bayou Din	1	79282.63	5 yr	Existing	10.00	25.66	29.51	25.84	846.63	0.000000	0.01	2184.48	1077.97		0.00
Bayou Din	1	79282.63	5 yr	w Pond	10.00	25.66	27.58	25.84	132.98	0.000000	0.02	547.00	589.48		0.00
Bayou Din	1	78774.23	5 yr	Existing	10.00	24.78	29.51	25.02	809.69	0.000000	0.00	4145.57	2220.77		0.00
Bayou Din	1	78774.23	5 yr	w Pond	10.00	24.78	27.58	25.02	122.48	0.000000	0.01	1251.44	814.92		0.00
Bayou Din	1	78603.12	5 yr	Existing	10.00	24.60	29.51	24.78	795.18	0.000000	0.00	3242.30	1314.40		0.00
Bayou Din	1	78603.12	5 yr	w Pond	10.00	24.60	27.58	24.78	117.76	0.000000	0.01	1150.56	813.57		0.00
Bayou Din	1	78160.09	5 yr	Existing	10.00	25.75	29.51	26.18	767.78	0.000000	0.01	2145.77	2231.95		0.00
Bayou Din	1	78160.09	5 yr	w Pond	10.00	25.75	27.58	26.18	110.22	0.000000	0.04	332.14	507.77		0.01
Bayou Din	1	77641.38	5 yr	Existing	10.00	25.75	29.51	26.11	751.47	0.000000	0.02	593.25	426.95		0.00
Bayou Din	1	77641.38	5 yr	w Pond	10.00	25.75	27.58	26.11	107.97	0.000019	0.22	45.95	45.13		0.04
Bayou Din	1	77120.67	5 yr	Existing	10.00	25.41	29.51	25.84	731.45	0.000000	0.01	2756.87	1891.67		0.00
Bayou Din	1	77120.67	5 yr	w Pond	10.00	25.41	27.57	25.84	107.06	0.000006	0.12	107.31	210.96		0.02
Bayou Din	1	76900			Culvert										
Bayou Din	1	76858.53	5 yr	Existing	10.00	25.23	29.51	25.55	703.89	0.000000	0.01	2869.86	1702.50		0.00
Bayou Din	1	76858.53	5 yr	w Pond	10.00	25.23	27.30	25.55	106.48	0.000003	0.08	153.00	258.13		0.01
Bayou Din	1	76631.90	5 yr	Existing	10.00	25.05	29.51	25.18	687.40	0.000000	0.00	3459.04	1603.23		0.00
Bayou Din	1	76631.90	5 yr	w Pond	10.00	25.05	27.30	25.18	105.09	0.000000	0.04	383.67	652.99		0.01
Bayou Din	1	76055.61	5 yr	Existing	10.00	24.90	29.51	25.05	631.71	0.000000	0.00	4949.78	2055.91		0.00
Bayou Din	1	76055.61	5 yr	w Pond	10.00	24.90	27.30	25.05	95.04	0.000000	0.01	1134.86	1386.39		0.00
Bayou Din	1	75678.38	5 yr	Existing	10.00	24.84	29.51	25.02	595.48	0.000000	0.00	3418.21	1386.34		0.00
Bayou Din	1	75678.38	5 yr	w Pond	10.00	24.84	27.30	25.02	87.07	0.000000	0.02	705.62	1033.91		0.00
Bayou Din	1	75046.16	5 yr	Existing	141.00	24.70	29.51	26.04	560.70	0.000002	0.11	1374.10	790.15		0.01
Bayou Din	1	75046.16	5 yr	w Pond	141.00	24.70	27.29	26.04	80.44	0.000257	0.73	208.45	268.33		0.14

HEC-RAS Profile: 5 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	74548.44	5 yr	Existing	141.00	24.60	29.51	25.79	546.01	0.000002	0.14	1196.33	598.45	0.01	
Bayou Din	1	74548.44	5 yr	w Pond	141.00	24.60	27.19	25.79	78.01	0.000153	0.65	216.58	197.30	0.11	
Bayou Din	1	74355.75	5 yr	Existing	141.00	24.54	29.51	26.10	541.01	0.000003	0.19	1067.80	611.65	0.02	
Bayou Din	1	74355.75	5 yr	w Pond	141.00	24.54	27.13	26.10	77.21	0.000481	1.15	146.63	210.60	0.19	
Bayou Din	1	74165.54	5 yr	Existing	141.00	24.24	29.51	25.87	536.11	0.000002	0.19	1173.74	706.20	0.02	
Bayou Din	1	74165.54	5 yr	w Pond	141.00	24.24	26.99	25.87	76.64	0.000766	1.70	113.66	274.34	0.25	
Bayou Din	1	74062.63	5 yr	Existing	141.00	24.13	29.51	25.73	533.10	0.000002	0.17	1375.98	827.78	0.01	
Bayou Din	1	74062.63	5 yr	w Pond	141.00	24.13	26.97	25.73	76.32	0.000255	1.13	160.41	258.29	0.15	
Bayou Din	1	73964.53	5 yr	Existing	141.00	24.11	29.51	25.08	529.79	0.000001	0.12	1564.09	759.22	0.01	
Bayou Din	1	73964.53	5 yr	w Pond	141.00	24.11	26.97	25.08	75.75	0.000045	0.47	344.80	338.78	0.06	
Bayou Din	1	73863.84	5 yr	Existing	141.00	24.02	29.51	25.51	522.22	0.000000	0.04	4989.94	2640.65	0.00	
Bayou Din	1	73863.84	5 yr	w Pond	141.00	24.02	26.94	25.51	75.17	0.000442	1.21	150.46	664.24	0.19	
Bayou Din	1	73759.66	5 yr	Existing	141.00	23.92	29.51	26.31	510.08	0.000000	0.04	5156.17	2642.52	0.00	
Bayou Din	1	73759.66	5 yr	w Pond	141.00	23.92	26.89	26.31	74.78	0.000504	1.03	181.74	513.45	0.19	
Bayou Din	1	73665.78	5 yr	Existing	141.00	23.96	29.51	25.61	499.06	0.000000	0.04	5071.28	2592.71	0.00	
Bayou Din	1	73665.78	5 yr	w Pond	141.00	23.96	26.85	25.61	74.39	0.000423	0.95	177.41	327.21	0.18	
Bayou Din	1	73560.24	5 yr	Existing	141.00	23.91	29.51	25.37	486.63	0.000000	0.05	5191.69	2608.29	0.00	
Bayou Din	1	73560.24	5 yr	w Pond	141.00	23.91	26.83	25.37	73.89	0.000143	0.92	236.64	330.96	0.12	
Bayou Din	1	73063.72	5 yr	Existing	141.00	23.85	29.51	24.91	447.64	0.000001	0.09	1649.64	766.11	0.01	
Bayou Din	1	73063.72	5 yr	w Pond	141.00	23.85	26.79	24.91	70.66	0.000056	0.43	329.23	265.93	0.07	
Bayou Din	1	72556.32	5 yr	Existing	141.00	23.72	29.51	26.19	416.64	0.000000	0.07	3671.95	2041.72	0.01	
Bayou Din	1	72556.32	5 yr	w Pond	141.00	23.72	26.73	26.19	67.58	0.000291	1.27	200.73	316.40	0.16	
Bayou Din	1	72067.34	5 yr	Existing	141.00	23.59	29.51	25.93	379.03	0.000000	0.07	3029.78	1483.65	0.01	
Bayou Din	1	72067.34	5 yr	w Pond	141.00	23.59	26.53	25.93	65.59	0.000556	1.16	152.92	285.75	0.21	
Bayou Din	1	71571.45	5 yr	Existing	141.00	23.13	29.51	25.01	314.92	0.000000	0.02	8233.56	3754.33	0.00	
Bayou Din	1	71571.45	5 yr	w Pond	141.00	23.13	26.41	25.01	63.08	0.000143	0.69	288.48	548.88	0.11	
Bayou Din	1	71066.99	5 yr	Existing	141.00	22.40	29.51	24.27	213.48	0.000000	0.02	9285.21	3563.39	0.00	
Bayou Din	1	71066.99	5 yr	w Pond	141.00	22.40	26.39	24.27	57.30	0.000022	0.31	709.03	1118.53	0.04	

HEC-RAS Profile: 5 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	1	70810	5 yr	Existing	141.00	22.31	29.51	24.42	158.47	0.000000	0.04	9361.88	3583.39	0.00
Bayou Din	1	70810	5 yr	w Pond	141.00	22.31	26.39	24.42	52.91	0.000020	0.36	779.13	1112.54	0.04
Bayou Din	1	70670	5 yr	Existing	141.00	22.27	29.51	24.41	128.41	0.000000	0.04	9342.69	3583.39	0.00
Bayou Din	1	70670	5 yr	w Pond	141.00	22.27	26.38	24.41	50.45	0.000024	0.38	756.44	1109.41	0.05
Bayou Din	1	70556.44	5 yr	Existing	141.00	21.78	29.51	23.57	112.22	0.000000	0.07	3077.62	1495.53	0.01
Bayou Din	1	70556.44	5 yr	w Pond	141.00	21.78	26.37	23.57	49.16	0.000082	0.68	227.60	249.61	0.09
Bayou Din	1	70170	5 yr	Existing	141.00	21.46	29.51	23.51	83.74	0.000000	0.09	3344.23	1682.23	0.01
Bayou Din	1	70170	5 yr	w Pond	141.00	21.46	26.33	23.51	47.29	0.000153	0.74	195.34	190.86	0.11
Bayou Din	1	70105.22	5 yr	Existing	143.00	21.05	29.51	22.82	78.79	0.000000	0.07	3304.58	1682.23	0.01
Bayou Din	1	70105.22	5 yr	w Pond	26.00	21.05	26.33	21.70	47.02	0.000006	0.17	161.43	148.53	0.02
Bayou Din	1	70062			Culvert									
Bayou Din	1	69840	5 yr	Existing	143.00	20.38	27.99	22.27	77.08	0.000002	0.19	1220.74	778.21	0.02
Bayou Din	1	69840	5 yr	w Pond	26.00	20.38	26.26	21.22	46.92	0.000001	0.08	406.88	309.57	0.01
Bayou Din	1	69732.16	5 yr	Existing	143.00	19.97	27.99	21.70	74.00	0.000001	0.15	1256.17	778.18	0.01
Bayou Din	1	69732.16	5 yr	w Pond	26.00	19.97	26.26	20.71	45.86	0.000001	0.07	450.83	318.16	0.01
Bayou Din	1	69378			Culvert									
Bayou Din	1	69211.45	5 yr	Existing	143.00	20.11	27.97	21.91	59.90	0.000005	0.26	676.20	322.52	0.02
Bayou Din	1	69211.45	5 yr	w Pond	26.00	20.11	26.07	20.85	42.28	0.000002	0.11	229.36	134.09	0.01
Bayou Din	1	68957			Culvert									
Bayou Din	1	68835	5 yr	Existing	143.00	20.36	27.31	22.22	55.89	0.000013	0.43	590.77	376.84	0.04
Bayou Din	1	68835	5 yr	w Pond	26.00	20.36	26.02	21.11	40.93	0.000003	0.16	203.29	197.02	0.02
Bayou Din	1	68705.84	5 yr	Existing	143.00	20.91	27.31	22.66	54.18	0.000011	0.34	566.20	376.59	0.03
Bayou Din	1	68705.84	5 yr	w Pond	26.00	20.91	26.02	21.60	40.36	0.000005	0.16	181.16	183.40	0.02
Bayou Din	1	68464			Culvert									
Bayou Din	1	68330	5 yr	Existing	143.00	20.77	26.99	22.54	50.47	0.000019	0.39	478.75	357.96	0.04
Bayou Din	1	68330	5 yr	w Pond	26.00	20.77	25.84	21.47	39.31	0.000006	0.15	176.86	166.67	0.02
Bayou Din	1	68203.29	5 yr	Existing	143.00	20.67	26.98	22.45	49.12	0.000021	0.40	444.57	432.56	0.05
Bayou Din	1	68203.29	5 yr	w Pond	26.00	20.67	25.84	21.35	38.81	0.000006	0.16	164.53	126.87	0.02

HEC-RAS Profile: 5 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.C. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Frroude #	Chl
Bayou Din	1	67781		Culvert											
Bayou Din	1	67685.54	5 yr	Existing	143.00	20.73	26.98	22.32	42.03	0.000018	0.45	464.74	357.25	0.04	0.04
Bayou Din	1	67685.54	5 yr	w Pond	26.00	20.73	25.73	21.35	37.09	0.000004	0.19	148.32	102.46	0.02	0.02
Bayou Din	1	67570		Culvert											
Bayou Din	1	67500	5 yr	Existing	143.00	20.43	25.94	22.29	40.59	0.000115	0.74	219.17	192.88	0.10	0.10
Bayou Din	1	67500	5 yr	w Pond	26.00	20.43	25.62	21.23	36.67	0.000006	0.17	165.92	135.91	0.02	0.02
Bayou Din	1	67325.24	5 yr	Existing	143.00	20.36	25.90	22.47	39.86	0.000229	1.04	146.99	142.91	0.14	0.14
Bayou Din	1	67325.24	5 yr	w Pond	26.00	20.36	25.62	21.21	36.11	0.000010	0.23	113.26	62.34	0.03	0.03
Bayou Din	1	67070	5 yr	Existing	143.00	20.22	25.88	22.01	39.00	0.000105	0.83	183.53	156.14	0.10	0.10
Bayou Din	1	67070	5 yr	w Pond	26.00	20.22	25.62	20.92	35.43	0.000005	0.17	149.87	77.24	0.02	0.02
Bayou Din	1	66959		Culvert											
Bayou Din	1	66925	5 yr	Existing	143.00	20.22	25.81	22.01	38.29	0.000116	0.86	173.89	152.36	0.11	0.11
Bayou Din	1	66925	5 yr	w Pond	26.00	20.22	25.61	20.92	34.90	0.000005	0.17	149.65	77.11	0.02	0.02
Bayou Din	1	66807.42	5 yr	Existing	143.00	21.07	25.81	22.49	37.68	0.000047	0.59	275.40	242.31	0.07	0.07
Bayou Din	1	66807.42	5 yr	w Pond	26.00	21.07	25.61	21.67	34.38	0.000002	0.12	234.03	187.28	0.01	0.01
Bayou Din	1	66313.46	5 yr	Existing	143.00	20.60	25.77	22.50	34.42	0.000099	0.86	299.78	427.30	0.10	0.10
Bayou Din	1	66313.46	5 yr	w Pond	26.00	20.60	25.61	21.37	31.73	0.000005	0.18	234.18	386.83	0.02	0.02
Bayou Din	1	66050	5 yr	Existing	143.00	20.19	25.74	21.67	31.27	0.000054	0.65	261.25	218.02	0.07	0.07
Bayou Din	1	66050	5 yr	w Pond	26.00	20.19	25.61	20.75	29.08	0.000002	0.13	236.96	172.55	0.01	0.01
Bayou Din	1	65980		Culvert											
Bayou Din	1	65823.99	5 yr	Existing	143.00	20.19	25.71	21.91	30.65	0.000063	0.68	249.01	199.46	0.08	0.08
Bayou Din	1	65823.99	5 yr	w Pond	26.00	20.19	25.61	20.94	28.56	0.000002	0.13	230.52	172.22	0.02	0.02
Bayou Din	1	65530	5 yr	Existing	143.00	19.92	25.70	21.54	28.67	0.000033	0.46	336.43	254.03	0.06	0.06
Bayou Din	1	65530	5 yr	w Pond	26.00	19.92	25.61	20.48	26.72	0.000001	0.09	313.71	242.99	0.01	0.01
Bayou Din	1	65427		Culvert											
Bayou Din	1	65314.24	5 yr	Existing	143.00	20.37	25.70	22.00	27.33	0.000056	0.51	294.84	253.66	0.07	0.07
Bayou Din	1	65314.24	5 yr	w Pond	26.00	20.37	25.61	21.01	25.50	0.000002	0.10	272.76	242.92	0.01	0.01

HEC-RAS Profile: 5 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	1	64856.31	5 yr	Existing	143.00	20.32	25.68	21.48	23.88	0.000021	0.41	360.16	197.44	0.05
Bayou Din	1	64856.31	5 yr	w Pond	26.00	20.32	25.61	20.76	22.25	0.000001	0.08	345.82	175.91	0.01
Bayou Din	1	64447.76	5 yr	Existing	143.00	20.27	25.67	21.51	19.51	0.000021	0.43	571.58	811.66	0.05
Bayou Din	1	64447.76	5 yr	w Pond	26.00	20.27	25.61	20.88	18.19	0.000001	0.08	519.05	749.22	0.01
Bayou Din	1	64300	5 yr	Existing	143.00	20.28	25.67	21.75	17.97	0.000039	0.59	336.06	340.61	0.06
Bayou Din	1	64300	5 yr	w Pond	26.00	20.28	25.61	20.88	16.77	0.000001	0.11	316.19	321.74	0.01
Bayou Din	1	64157			Culvert									
Bayou Din	1	64100	5 yr	Existing	143.00	20.28	25.66	21.02	16.02	0.000039	0.60	333.36	338.05	0.06
Bayou Din	1	64100	5 yr	w Pond	26.00	20.28	25.60	20.46	14.96	0.000001	0.11	315.87	321.65	0.01
Bayou Din	1	63916.87	5 yr	Existing	143.00	19.77	25.65	21.48	14.12	0.000030	0.46	571.26	940.47	0.05
Bayou Din	1	63916.87	5 yr	w Pond	26.00	19.77	25.60	20.46	13.19	0.000001	0.09	526.30	893.79	0.01
Bayou Din	1	63862			Culvert									
Bayou Din	1	63427.49	5 yr	Existing	143.00	19.69	25.65	20.95	7.83	0.000016	0.39	566.43	697.73	0.04
Bayou Din	1	63427.49	5 yr	w Pond	26.00	19.69	25.60	20.20	7.44	0.000001	0.07	534.61	657.30	0.01
Bayou Din	1	63300	5 yr	Existing	143.00	19.68	25.65	21.31	6.21	0.000020	0.44	536.21	695.49	0.05
Bayou Din	1	63300	5 yr	w Pond	26.00	19.68	25.60	20.31	5.91	0.000001	0.08	506.24	657.22	0.01
Bayou Din	1	63181			Culvert									
Bayou Din	1	63082	5 yr	Existing	143.00	19.65	25.64	20.95	3.58	0.000020	0.37	493.08	466.04	0.04
Bayou Din	1	63082	5 yr	w Pond	26.00	19.65	25.60	20.20	3.46	0.000001	0.07	474.94	446.22	0.01
Bayou Din	1	62930.99	5 yr	Existing	143.00	19.57	25.64	21.31	1.96	0.000028	0.48	442.69	455.40	0.05
Bayou Din	1	62930.99	5 yr	w Pond	26.00	19.57	25.60	20.31	1.89	0.000001	0.09	426.87	441.35	0.01
Bayou Din	1	62750	5 yr	Existing	143.00	19.62	25.64	20.34	502.85	0.000001	0.41	499.03	472.16	0.04
Bayou Din	1	62750	5 yr	w Pond	26.00	19.62	25.60	20.33	501.44	0.000001	0.06	484.09	461.72	0.01
Bayou Din	2	62561.74	5 yr	Existing	58.00	19.40	25.64	20.34	502.85	0.000001	0.12	774.75	599.44	0.01
Bayou Din	2	62561.74	5 yr	w Pond	57.00	19.40	25.60	20.33	501.44	0.000001	0.12	754.90	581.56	0.01
Bayou Din	2	62277.63	5 yr	Existing	58.00	19.46	25.64	20.34	498.52	0.000002	0.17	555.18	506.21	0.02
Bayou Din	2	62277.63	5 yr	w Pond	57.00	19.46	25.60	20.33	497.23	0.000002	0.17	538.31	497.81	0.02

HEC-RAS Profile: 5 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	61928.04	5 yr	Existing	58.00	19.36	25.64	20.41	494.32	0.000002	0.17	489.43	358.94		0.02
Bayou Din	2	61928.04	5 yr	w Pond	57.00	19.36	25.60	20.40	493.15	0.000002	0.17	477.41	356.45		0.02
Bayou Din	2	61429.98	5 yr	Existing	58.00	19.26	25.63	20.21	489.32	0.000002	0.18	365.89	202.17		0.02
Bayou Din	2	61429.98	5 yr	w Pond	57.00	19.26	25.60	20.20	486.25	0.000002	0.18	379.12	200.56		0.02
Bayou Din	2	60925.99	5 yr	Existing	58.00	19.28	25.63	19.99	484.39	0.000002	0.15	466.38	216.62		0.01
Bayou Din	2	60925.99	5 yr	w Pond	57.00	19.28	25.60	19.98	483.40	0.000002	0.15	459.17	212.10		0.01
Bayou Din	2	60700		Culvert											
Bayou Din	2	60555	5 yr	Existing	58.00	19.78	25.52		481.92	0.000005	0.25	320.21	252.22		0.02
Bayou Din	2	60555	5 yr	w Pond	57.00	19.78	25.49		480.97	0.000005	0.25	312.75	250.01		0.02
Bayou Din	2	60427.15	5 yr	Existing	58.00	20.00	25.52		480.74	0.000002	0.13	485.17	317.48		0.01
Bayou Din	2	60427.15	5 yr	w Pond	57.00	20.00	25.49		479.82	0.000002	0.13	475.75	315.89		0.01
Bayou Din	2	59899.06	5 yr	Existing	58.00	20.57	25.52	21.39	476.63	0.000008	0.30	192.59	60.19		0.03
Bayou Din	2	59899.06	5 yr	w Pond	57.00	20.57	25.49	21.39	475.78	0.000008	0.30	190.80	59.95		0.03
Bayou Din	2	59550		Culvert											
Bayou Din	2	59375.33	5 yr	Existing	90.00	20.59	25.16	21.53	475.01	0.000011	0.30	523.89	535.62		0.03
Bayou Din	2	59375.33	5 yr	w Pond	89.00	20.59	25.14	21.53	474.17	0.000011	0.30	512.51	533.47		0.03
Bayou Din	2	58759.73	5 yr	Existing	145.00	19.34	25.15	20.60	465.30	0.000008	0.37	849.57	580.37		0.03
Bayou Din	2	58759.73	5 yr	w Pond	145.00	19.34	25.13	20.60	464.63	0.000008	0.37	837.24	569.45		0.03
Bayou Din	2	58745		Culvert											
Bayou Din	2	58487.16	5 yr	Existing	145.00	20.09	24.19	21.07	465.14	0.000037	0.56	451.27	491.28		0.06
Bayou Din	2	58487.16	5 yr	w Pond	145.00	20.09	24.19	21.07	464.46	0.000037	0.56	450.71	491.07		0.06
Bayou Din	2	57974.63	5 yr	Existing	145.00	19.87	24.16		460.82	0.000071	0.69	282.90	222.22		0.08
Bayou Din	2	57974.63	5 yr	w Pond	145.00	19.87	24.16		460.15	0.000072	0.69	282.63	222.08		0.08
Bayou Din	2	56938.84	5 yr	Existing	145.00	19.41	24.11	20.89	452.03	0.000036	0.49	456.39	364.15		0.06
Bayou Din	2	56938.84	5 yr	w Pond	145.00	19.41	24.11	20.89	451.37	0.000036	0.49	455.90	363.99		0.06
Bayou Din	2	56444.11	5 yr	Existing	145.00	19.20	24.10	20.68	446.61	0.000028	0.44	498.23	582.86		0.05
Bayou Din	2	56444.11	5 yr	w Pond	145.00	19.20	24.10	20.68	445.96	0.000029	0.44	497.42	582.33		0.05
Bayou Din	2	55926.34	5 yr	Existing	145.00	18.97	24.09	20.57	438.35	0.000008	0.32	890.52	1001.52		0.03

HEC-RAS Profile: 5 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	55926.34	5 yr	w Pond	145.00	18.97	24.09	20.57	437.72	0.000008	0.32	889.12	1000.04	0.03
Bayou Din	2	55451.99	5 yr	Existing	145.00	18.76	24.09	20.23	426.04	0.000007	0.27	1371.51	1495.64	0.03
Bayou Din	2	55451.99	5 yr	w Pond	145.00	18.76	24.09	20.23	425.42	0.000007	0.27	1369.41	1495.12	0.03
Bayou Din	2	54951.57	5 yr	Existing	145.00	18.54	24.08	19.97	412.78	0.000005	0.22	936.13	573.50	0.02
Bayou Din	2	54951.57	5 yr	w Pond	145.00	18.54	24.08	19.97	412.18	0.000005	0.22	935.32	573.33	0.02
Bayou Din	2	54448.24	5 yr	Existing	145.00	18.32	24.08	19.80	401.27	0.000006	0.27	1057.02	620.56	0.03
Bayou Din	2	54448.24	5 yr	w Pond	145.00	18.32	24.08	19.80	400.67	0.000006	0.27	1056.14	620.45	0.03
Bayou Din	2	53948.20	5 yr	Existing	145.00	18.10	24.08	19.57	389.39	0.000006	0.29	1011.64	574.38	0.03
Bayou Din	2	53948.20	5 yr	w Pond	145.00	18.10	24.08	19.57	388.81	0.000006	0.29	1010.83	574.13	0.03
Bayou Din	2	53442.14	5 yr	Existing	145.00	17.88	24.08	19.36	377.42	0.000005	0.26	1050.61	510.57	0.02
Bayou Din	2	53442.14	5 yr	w Pond	145.00	17.88	24.07	19.36	376.84	0.000005	0.27	1049.89	510.40	0.02
Bayou Din	2	52941.59	5 yr	Existing	145.00	17.66	24.07	19.14	365.37	0.000006	0.23	1045.69	536.01	0.03
Bayou Din	2	52941.59	5 yr	w Pond	145.00	17.66	24.07	19.14	364.80	0.000006	0.23	1044.93	535.75	0.03
Bayou Din	2	52443.76	5 yr	Existing	145.00	17.44	24.07	18.91	351.36	0.000004	0.26	1406.12	986.49	0.02
Bayou Din	2	52443.76	5 yr	w Pond	145.00	17.44	24.07	18.91	350.81	0.000004	0.26	1404.71	984.42	0.02
Bayou Din	2	51942.64	5 yr	Existing	405.00	17.22	24.06	19.00	334.40	0.000017	0.62	1542.45	1505.06	0.05
Bayou Din	2	51942.64	5 yr	w Pond	405.00	17.22	24.06	19.00	333.87	0.000018	0.62	1540.27	1501.95	0.05
Bayou Din	2	51319.89	5 yr	Existing	405.00	14.00	23.99	17.45	321.34	0.000110	1.71	285.18	614.41	0.16
Bayou Din	2	51319.89	5 yr	w Pond	405.00	14.00	23.99	17.45	320.83	0.000110	1.71	284.23	609.98	0.16
Bayou Din	2	51250		Culvert										
Bayou Din	2	51070.13	5 yr	Existing	405.00	14.00	23.22		320.89	0.000086	1.94	208.90	39.33	0.15
Bayou Din	2	51070.13	5 yr	w Pond	405.00	14.00	23.22		320.38	0.000086	1.94	208.84	39.32	0.15
Bayou Din	2	50998.21	5 yr	Existing	405.00	14.50	23.23		319.84	0.000036	1.25	324.81	66.04	0.10
Bayou Din	2	50998.21	5 yr	w Pond	405.00	14.50	23.23		319.33	0.000036	1.25	324.70	66.03	0.10
Bayou Din	2	50386.33	5 yr	Existing	405.00	15.00	23.19		316.32	0.000102	1.52	274.36	163.10	0.16
Bayou Din	2	50386.33	5 yr	w Pond	405.00	15.00	23.19		315.81	0.000101	1.52	274.09	161.35	0.16
Bayou Din	2	49902.70	5 yr	Existing	405.00	15.20	23.20		305.70	0.000019	0.62	1639.05	994.73	0.07
Bayou Din	2	49902.70	5 yr	w Pond	405.00	15.20	23.19		305.20	0.000019	0.62	1637.44	994.47	0.07

HEC-RAS Profile: 5 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q. Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Cnl
Bayou Din	2	49386.54	5 yr	Existing	419.00	15.98	23.19	18.42	282.56	0.000009	0.41	2265.95	975.58	0.03
Bayou Din	2	49386.54	5 yr	w Pond	419.00	15.98	23.19	18.42	282.08	0.000009	0.41	2264.35	975.46	0.03
Bayou Din	2	48947.66	5 yr	Existing	419.00	15.08	23.19	18.01	262.77	0.000011	0.38	1662.26	758.39	0.04
Bayou Din	2	48947.66	5 yr	w Pond	419.00	15.08	23.18	18.01	262.31	0.000011	0.38	1661.01	758.05	0.04
Bayou Din	2	48800		Culvert										
Bayou Din	2	48720	5 yr	Existing	419.00	15.23	23.18	17.91	255.17	0.000019	0.64	1335.39	749.53	0.05
Bayou Din	2	48720	5 yr	w Pond	419.00	15.23	23.18	17.91	254.71	0.000019	0.64	1333.32	747.03	0.05
Bayou Din	2	48518.83	5 yr	Existing	461.00	15.39	23.17	18.30	249.00	0.000020	0.59	1334.68	745.86	0.05
Bayou Din	2	48518.83	5 yr	w Pond	460.00	15.39	23.17	18.30	248.56	0.000020	0.59	1332.63	743.38	0.05
Bayou Din	2	48346.11	5 yr	Existing	461.00	14.70	23.17	17.66	243.67	0.000021	0.77	1354.64	710.74	0.05
Bayou Din	2	48346.11	5 yr	w Pond	460.00	14.70	23.17	17.65	243.24	0.000021	0.77	1352.69	708.98	0.05
Bayou Din	2	47858.87	5 yr	Existing	461.00	14.35	23.16	17.34	228.01	0.000017	0.70	1446.55	749.04	0.05
Bayou Din	2	47858.87	5 yr	w Pond	460.00	14.35	23.16	17.34	227.59	0.000017	0.70	1444.50	748.08	0.05
Bayou Din	2	47378.08	5 yr	Existing	461.00	14.41	23.16	17.23	209.53	0.000007	0.40	1901.14	729.67	0.03
Bayou Din	2	47378.08	5 yr	w Pond	460.00	14.41	23.15	17.23	209.14	0.000007	0.40	1899.15	729.05	0.03
Bayou Din	2	46861.41	5 yr	Existing	461.00	14.42	23.15	17.51	188.71	0.000014	0.57	1608.68	763.58	0.04
Bayou Din	2	46861.41	5 yr	w Pond	460.00	14.42	23.15	17.50	188.35	0.000013	0.57	1606.61	763.26	0.04
Bayou Din	2	46307.45	5 yr	Existing	461.00	13.93	23.15	16.63	185.43	0.000010	0.42	2053.95	1341.91	0.03
Bayou Din	2	46307.45	5 yr	w Pond	460.00	13.93	23.14	16.63	185.10	0.000010	0.42	2050.31	1340.49	0.03
Bayou Din	2	46250		Culvert										
Bayou Din	2	46166.75	5 yr	Existing	419.00	14.70	23.14	17.15	161.57	0.000007	0.39	2262.98	1358.85	0.03
Bayou Din	2	46166.75	5 yr	w Pond	419.00	14.70	23.14	17.15	161.25	0.000007	0.39	2260.16	1358.51	0.03
Bayou Din	2	45778.50	5 yr	Existing	419.00	13.90	23.14	16.55	140.04	0.000006	0.40	2568.93	1319.67	0.03
Bayou Din	2	45778.50	5 yr	w Pond	419.00	13.90	23.14	16.55	139.74	0.000006	0.41	2566.18	1319.58	0.03
Bayou Din	2	45276.62	5 yr	Existing	419.00	13.82	23.14	16.28	112.69	0.000004	0.32	2177.73	827.70	0.02
Bayou Din	2	45276.62	5 yr	w Pond	419.00	13.82	23.14	16.28	112.42	0.000004	0.32	2176.01	827.24	0.02
Bayou Din	2	44778.96	5 yr	Existing	419.00	13.90	23.14	16.75	87.05	0.000006	0.40	2311.60	973.98	0.03
Bayou Din	2	44778.96	5 yr	w Pond	419.00	13.90	23.13	16.75	86.80	0.000006	0.40	2309.56	973.57	0.03

HEC-RAS Profile: 5 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	44272.49	5 yr	Existing	419.00	13.76	23.13	16.33	61.83	0.000006	0.39	2027.36	971.48	0.03	0.03
Bayou Din	2	44272.49	5 yr	w Pond	419.00	13.76	23.13	16.33	61.60	0.000006	0.39	2025.32	971.05	0.03	0.03
Bayou Din	2	43774.48	5 yr	Existing	419.00	13.21	23.13	16.04	34.24	0.000005	0.36	2797.88	1385.07	0.03	0.03
Bayou Din	2	43774.48	5 yr	w Pond	419.00	13.21	23.13	16.04	34.05	0.000005	0.36	2794.96	1384.98	0.03	0.03
Bayou Din	2	43720		Culvert											
Bayou Din	2	43600	5 yr	Existing	419.00	13.64	22.64	15.92	30.55	0.000006	0.45	1903.35	505.85	0.03	0.03
Bayou Din	2	43600	5 yr	w Pond	419.00	13.64	22.63	15.92	30.36	0.000006	0.45	1898.59	504.91	0.03	0.03
Bayou Din	2	43297.40	5 yr	Existing	335.00	13.23	22.64	15.78	17.40	0.000004	0.37	1881.31	505.57	0.02	0.02
Bayou Din	2	43297.40	5 yr	w Pond	334.00	13.23	22.63	15.78	17.25	0.000004	0.37	1876.54	504.83	0.02	0.02
Bayou Din	2	43200		Culvert											
Bayou Din	2	42925.20	5 yr	Existing	335.00	13.75	22.63	17.18	17.18	0.000003	0.27	1967.92	649.63	0.02	0.02
Bayou Din	2	42925.20	5 yr	w Pond	334.00	13.75	22.62	17.03	17.03	0.000003	0.27	1958.72	646.99	0.02	0.02
Bayou Din	2	42660.40	5 yr	Existing	335.00	13.54	22.63	15.75	1.66	0.000003	0.28	3140.74	1367.09	0.02	0.02
Bayou Din	2	42660.40	5 yr	w Pond	334.00	13.54	22.62	15.75	1.59	0.000003	0.28	3121.41	1356.89	0.02	0.02
Bayou Din	2	42444		Culvert											
Bayou Din	2	42229.05	5 yr	Existing	335.00	12.51	20.25	15.18		0.000032	0.71	1016.73	669.66	0.06	0.06
Bayou Din	2	42229.05	5 yr	w Pond	334.00	12.51	20.25	15.18		0.000032	0.71	1016.73	669.66	0.06	0.06

HEC-RAS Profile: 10 yr

River	Reach	River Sta	Profile	Plan	Q. Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
D602-D	1	500	10 yr	Existing	300.00	19.53	23.84		1.32	0.000943	2.89	115.64	99.08	0.31	
D602-D	1	500	10 yr	w Pond	274.00	19.53	23.71		1.19	0.000942	2.80	103.61	89.08	0.31	
D602-D	1	0	10 yr	Existing	300.00	19.06	23.36	21.56		0.000949	2.90	115.22	98.99	0.31	
D602-D	1	0	10 yr	w Pond	274.00	19.06	23.24	21.45		0.000948	2.80	103.28	88.72	0.31	
Bayou Din	1	79717.28	10 yr	Existing	20.00	26.30	29.54	26.55	884.21	0.000000	0.01	2203.86	1326.44	0.00	
Bayou Din	1	79717.28	10 yr	w Pond	20.00	26.30	27.63	26.55	168.46	0.000007	0.11	205.84	383.90	0.02	
Bayou Din	1	79282.63	10 yr	Existing	20.00	25.66	29.54	25.90	862.16	0.000000	0.01	2215.86	1079.65	0.00	
Bayou Din	1	79282.63	10 yr	w Pond	20.00	25.66	27.63	25.90	164.56	0.000000	0.05	576.64	601.67	0.01	
Bayou Din	1	78774.23	10 yr	Existing	20.00	24.78	29.54	25.10	824.86	0.000000	0.01	4210.25	2227.21	0.00	
Bayou Din	1	78774.23	10 yr	w Pond	20.00	24.78	27.63	25.10	153.65	0.000000	0.02	1292.34	829.33	0.00	
Bayou Din	1	78603.12	10 yr	Existing	20.00	24.60	29.54	24.86	809.95	0.000000	0.01	3280.66	1323.08	0.00	
Bayou Din	1	78603.12	10 yr	w Pond	20.00	24.60	27.63	24.86	148.77	0.000000	0.02	1191.70	835.16	0.00	
Bayou Din	1	78160.09	10 yr	Existing	20.00	25.75	29.54	26.33	782.02	0.000000	0.01	2211.42	2287.12	0.00	
Bayou Din	1	78160.09	10 yr	w Pond	20.00	25.75	27.63	26.33	140.89	0.000002	0.07	357.56	515.95	0.01	
Bayou Din	1	77641.38	10 yr	Existing	20.00	25.75	29.54	26.27	765.25	0.000000	0.04	605.68	429.05	0.00	
Bayou Din	1	77641.38	10 yr	w Pond	20.00	25.75	27.63	26.27	138.48	0.000070	0.42	48.08	47.70	0.07	
Bayou Din	1	77120.67	10 yr	Existing	20.00	25.41	29.54	26.02	744.82	0.000000	0.01	2811.86	1894.77	0.00	
Bayou Din	1	77120.67	10 yr	w Pond	20.00	25.41	27.61	26.02	137.50	0.000022	0.22	114.58	227.87	0.04	
Bayou Din	1	76900		Culvert											
Bayou Din	1	76858.53	10 yr	Existing	20.00	25.23	29.54	25.69	716.70	0.000000	0.01	2919.29	1704.13	0.00	
Bayou Din	1	76858.53	10 yr	w Pond	20.00	25.23	27.43	25.69	136.83	0.000006	0.12	187.49	280.52	0.02	
Bayou Din	1	76631.90	10 yr	Existing	20.00	25.05	29.54	25.26	699.96	0.000000	0.01	3515.59	1604.69	0.00	
Bayou Din	1	76631.90	10 yr	w Pond	20.00	25.05	27.43	25.26	135.05	0.000001	0.06	498.97	943.40	0.01	
Bayou Din	1	76055.61	10 yr	Existing	20.00	24.90	29.54	25.13	643.57	0.000000	0.01	5009.50	2059.59	0.00	
Bayou Din	1	76055.61	10 yr	w Pond	20.00	24.90	27.43	25.13	123.02	0.000000	0.02	1318.53	1488.66	0.00	
Bayou Din	1	75678.38	10 yr	Existing	20.00	24.84	29.54	25.12	606.90	0.000000	0.01	3458.51	1391.12	0.00	
Bayou Din	1	75678.38	10 yr	w Pond	20.00	24.84	27.43	25.12	113.67	0.000000	0.04	839.61	1046.60	0.01	
Bayou Din	1	75046.16	10 yr	Existing	170.00	24.70	29.54	26.17	571.66	0.000002	0.13	1397.34	819.50	0.02	
Bayou Din	1	75046.16	10 yr	w Pond	170.00	24.70	27.42	26.17	105.80	0.000264	0.70	245.28	306.66	0.14	

HEC-RAS Profile: 10 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl. (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chi
Bayou Din	1	74548.44	10 yr	Existing	170.00	24.60	29.54	25.89	556.75	0.000003	0.16	1213.54	608.18	0.02	0.02
Bayou Din	1	74548.44	10 yr	w Pond	170.00	24.60	27.31	25.89	103.01	0.000179	0.70	242.86	255.18	0.12	0.12
Bayou Din	1	74355.75	10 yr	Existing	170.00	24.54	29.54	26.24	551.66	0.000004	0.23	1085.37	629.41	0.02	0.02
Bayou Din	1	74355.75	10 yr	w Pond	170.00	24.54	27.25	26.24	102.09	0.000454	1.19	171.90	232.21	0.19	0.19
Bayou Din	1	74165.54	10 yr	Existing	170.00	24.24	29.54	26.01	546.59	0.000003	0.23	1193.66	710.48	0.02	0.02
Bayou Din	1	74165.54	10 yr	w Pond	170.00	24.24	27.13	26.01	101.38	0.000639	1.65	153.70	319.88	0.24	0.24
Bayou Din	1	74062.63	10 yr	Existing	170.00	24.13	29.54	25.84	543.82	0.000002	0.20	1399.24	829.32	0.02	0.02
Bayou Din	1	74062.63	10 yr	w Pond	170.00	24.13	27.10	25.84	100.97	0.000251	1.18	196.88	284.11	0.15	0.15
Bayou Din	1	73964.53	10 yr	Existing	170.00	24.11	29.54	25.15	540.26	0.000001	0.15	1585.42	763.04	0.01	0.01
Bayou Din	1	73964.53	10 yr	w Pond	170.00	24.11	27.10	25.15	100.31	0.000048	0.51	390.50	352.06	0.07	0.07
Bayou Din	1	73863.84	10 yr	Existing	170.00	24.02	29.54	25.65	532.58	0.000000	0.05	5064.05	2641.51	0.00	0.00
Bayou Din	1	73863.84	10 yr	w Pond	170.00	24.02	27.08	25.65	99.54	0.000290	1.06	276.60	966.33	0.16	0.16
Bayou Din	1	73759.66	10 yr	Existing	170.00	23.92	29.54	26.39	520.27	0.000000	0.05	5230.33	2643.87	0.00	0.00
Bayou Din	1	73759.66	10 yr	w Pond	170.00	23.92	27.05	26.39	98.82	0.000271	0.84	318.73	994.03	0.14	0.14
Bayou Din	1	73665.78	10 yr	Existing	170.00	23.96	29.54	25.75	509.09	0.000000	0.05	5144.04	2594.91	0.00	0.00
Bayou Din	1	73665.78	10 yr	w Pond	170.00	23.96	27.03	25.75	98.18	0.000252	0.83	282.26	879.35	0.14	0.14
Bayou Din	1	73560.24	10 yr	Existing	170.00	23.91	29.54	25.49	496.48	0.000000	0.06	5264.88	2609.92	0.00	0.00
Bayou Din	1	73560.24	10 yr	w Pond	170.00	23.91	27.01	25.49	97.45	0.000113	0.87	319.07	709.85	0.10	0.10
Bayou Din	1	73063.72	10 yr	Existing	170.00	23.85	29.54	24.99	456.95	0.000001	0.11	1671.08	768.50	0.01	0.01
Bayou Din	1	73063.72	10 yr	w Pond	170.00	23.85	26.98	24.99	93.46	0.000057	0.45	380.89	291.96	0.07	0.07
Bayou Din	1	72556.32	10 yr	Existing	170.00	23.72	29.54	26.29	425.50	0.000000	0.08	3728.95	2044.33	0.01	0.01
Bayou Din	1	72556.32	10 yr	w Pond	170.00	23.72	26.92	26.29	89.67	0.000194	1.11	269.10	404.30	0.13	0.13
Bayou Din	1	72067.34	10 yr	Existing	170.00	23.59	29.54	26.00	387.33	0.000000	0.08	3071.08	1484.33	0.01	0.01
Bayou Din	1	72067.34	10 yr	w Pond	170.00	23.59	26.82	26.00	86.77	0.000239	0.90	247.65	355.04	0.14	0.14
Bayou Din	1	71571.45	10 yr	Existing	170.00	23.13	29.54	25.16	322.39	0.000000	0.03	8338.26	3770.76	0.00	0.00
Bayou Din	1	71571.45	10 yr	w Pond	170.00	23.13	26.77	25.16	82.12	0.000066	0.40	569.79	1157.97	0.07	0.07
Bayou Din	1	71066.99	10 yr	Existing	170.00	22.40	29.54	24.44	219.78	0.000000	0.03	9384.93	3585.94	0.00	0.00
Bayou Din	1	71066.99	10 yr	w Pond	170.00	22.40	26.76	24.44	71.86	0.000009	0.22	1236.78	1674.54	0.03	0.03

HEC-RAS Profile: 10 yr. (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	70810	10 yr	Existing	170.00	22.31	29.54	24.49	164.17	0.000000	0.04	9461.59	3585.94	0.00	
Bayou Din	1	70810	10 yr	w Pond	170.00	22.31	26.75	24.49	64.15	0.000011	0.29	1308.66	1672.26	0.03	
Bayou Din	1	70670	10 yr	Existing	170.00	22.27	29.54	24.49	133.79	0.000000	0.04	9442.38	3585.93	0.00	
Bayou Din	1	70670	10 yr	w Pond	170.00	22.27	26.75	24.49	59.98	0.000012	0.31	1286.76	1670.96	0.04	
Bayou Din	1	70556.44	10 yr	Existing	170.00	21.78	29.54	23.74	117.42	0.000000	0.09	3119.37	1509.65	0.01	
Bayou Din	1	70556.44	10 yr	w Pond	170.00	21.78	26.74	23.74	57.85	0.000053	0.62	347.10	406.91	0.07	
Bayou Din	1	70170	10 yr	Existing	170.00	21.46	29.54	23.71	88.54	0.000001	0.11	3390.91	1684.99	0.01	
Bayou Din	1	70170	10 yr	w Pond	170.00	21.46	26.72	23.71	54.96	0.000091	0.66	305.10	347.84	0.09	
Bayou Din	1	70105.22	10 yr	Existing	173.00	21.05	29.54	23.03	83.53	0.000000	0.08	3351.26	1684.99	0.01	
Bayou Din	1	70105.22	10 yr	w Pond	31.00	21.05	26.72	21.77	54.53	0.000004	0.14	266.13	348.16	0.02	
Bayou Din	1	70062		Culvert											
Bayou Din	1	69840	10 yr	Existing	173.00	20.38	27.99	22.45	81.74	0.000003	0.23	1222.30	778.92	0.02	
Bayou Din	1	69840	10 yr	w Pond	31.00	20.38	26.61	21.29	54.38	0.000001	0.08	526.50	367.58	0.01	
Bayou Din	1	69732.16	10 yr	Existing	173.00	19.97	27.99	21.87	78.65	0.000002	0.18	1267.71	778.86	0.02	
Bayou Din	1	69732.16	10 yr	w Pond	31.00	19.97	26.61	20.77	53.02	0.000000	0.06	571.98	367.57	0.01	
Bayou Din	1	69378		Culvert											
Bayou Din	1	69211.45	10 yr	Existing	173.00	20.11	27.98	22.10	64.42	0.000007	0.31	681.56	324.02	0.03	
Bayou Din	1	69211.45	10 yr	w Pond	31.00	20.11	26.35	20.93	48.50	0.000002	0.12	273.70	178.00	0.01	
Bayou Din	1	68957		Culvert											
Bayou Din	1	68835	10 yr	Existing	173.00	20.36	27.37	22.40	60.24	0.000017	0.50	614.26	379.78	0.04	
Bayou Din	1	68835	10 yr	w Pond	31.00	20.36	26.28	21.19	46.92	0.000003	0.16	256.52	215.56	0.02	
Bayou Din	1	68705.84	10 yr	Existing	173.00	20.91	27.37	22.83	58.46	0.000015	0.40	589.57	379.71	0.04	
Bayou Din	1	68705.84	10 yr	w Pond	31.00	20.91	26.28	21.67	46.19	0.000004	0.16	232.32	213.02	0.02	
Bayou Din	1	68464		Culvert											
Bayou Din	1	68330	10 yr	Existing	173.00	20.77	27.09	22.72	54.52	0.000023	0.44	515.55	364.68	0.05	
Bayou Din	1	68330	10 yr	w Pond	31.00	20.77	26.02	21.54	44.85	0.000006	0.15	210.34	196.28	0.02	
Bayou Din	1	68203.29	10 yr	Existing	173.00	20.67	27.08	22.64	53.05	0.000026	0.45	490.12	460.89	0.05	
Bayou Din	1	68203.29	10 yr	w Pond	31.00	20.67	26.01	21.43	44.27	0.000006	0.17	190.42	161.70	0.02	

HEC-RAS Profile: 10\_yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	67781			Culvert										
Bayou Din	1	67685.54	10 yr	Existing	173.00	20.73	27.05	22.49	45.20	0.000023	0.52	490.83	364.92	0.05	
Bayou Din	1	67685.54	10 yr	w Pond	31.00	20.73	25.89	21.41	42.25	0.000005	0.21	166.31	126.85	0.02	
Bayou Din	1	67570			Culvert										
Bayou Din	1	67500	10 yr	Existing	173.00	20.43	26.04	22.46	43.63	0.000142	0.83	239.45	218.25	0.11	
Bayou Din	1	67500	10 yr	w Pond	31.00	20.43	25.73	21.30	41.76	0.000007	0.18	182.04	155.88	0.03	
Bayou Din	1	67325.24	10 yr	Existing	173.00	20.36	25.99	22.68	42.83	0.000280	1.19	160.12	149.31	0.16	
Bayou Din	1	67325.24	10 yr	w Pond	31.00	20.36	25.73	21.30	41.17	0.000016	0.26	122.62	127.97	0.04	
Bayou Din	1	67070	10 yr	Existing	173.00	20.22	25.96	22.20	41.90	0.000134	0.96	196.57	161.11	0.11	
Bayou Din	1	67070	10 yr	w Pond	31.00	20.22	25.72	21.00	40.44	0.000006	0.20	160.78	143.00	0.02	
Bayou Din	1	66959			Culvert										
Bayou Din	1	66925	10 yr	Existing	173.00	20.22	25.90	22.20	41.11	0.000148	0.99	187.04	157.49	0.12	
Bayou Din	1	66925	10 yr	w Pond	31.00	20.22	25.72	21.00	39.85	0.000006	0.20	160.38	142.08	0.02	
Bayou Din	1	66807.42	10 yr	Existing	173.00	21.07	25.89	22.62	40.46	0.000061	0.68	296.52	259.73	0.08	
Bayou Din	1	66807.42	10 yr	w Pond	31.00	21.07	25.72	21.73	39.29	0.000003	0.13	255.22	221.55	0.02	
Bayou Din	1	66313.46	10 yr	Existing	173.00	20.60	25.85	22.69	36.90	0.000121	0.96	332.49	440.55	0.11	
Bayou Din	1	66313.46	10 yr	w Pond	31.00	20.60	25.72	21.45	36.27	0.000005	0.19	277.94	415.55	0.02	
Bayou Din	1	66050	10 yr	Existing	173.00	20.19	25.80	21.83	33.47	0.000072	0.76	276.77	247.56	0.09	
Bayou Din	1	66050	10 yr	w Pond	31.00	20.19	25.72	20.81	33.26	0.000003	0.14	256.97	204.90	0.02	
Bayou Din	1	65980			Culvert										
Bayou Din	1	65823.99	10 yr	Existing	173.00	20.19	25.78	22.08	32.79	0.000084	0.79	285.04	241.90	0.09	
Bayou Din	1	65823.99	10 yr	w Pond	31.00	20.19	25.72	21.01	32.66	0.000003	0.15	250.46	203.88	0.02	
Bayou Din	1	65530	10 yr	Existing	173.00	19.82	25.77	21.73	30.70	0.000043	0.53	354.97	292.88	0.06	
Bayou Din	1	65530	10 yr	w Pond	31.00	19.82	25.72	20.56	30.67	0.000002	0.10	340.86	259.73	0.01	
Bayou Din	1	65427			Culvert										
Bayou Din	1	65314.24	10 yr	Existing	173.00	20.37	25.76	22.17	29.26	0.000073	0.60	310.91	284.47	0.08	
Bayou Din	1	65314.24	10 yr	w Pond	31.00	20.37	25.72	21.07	29.30	0.000003	0.11	299.80	259.40	0.02	

HEC-RAS Profile: 10 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chrt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froutde # Chl
Bayou Din	1	64856.31	10 yr	Existing	173.00	20.32	25.74	21.61	25.67	0.000029	0.49	371.47	207.12	0.05
Bayou Din	1	64856.31	10 yr	w Pond	31.00	20.32	25.71	20.81	25.80	0.000001	0.09	366.72	203.10	0.01
Bayou Din	1	64447.76	10 yr	Existing	173.00	20.27	25.73	21.04	21.04	0.000028	0.50	615.74	848.39	0.05
Bayou Din	1	64447.76	10 yr	w Pond	31.00	20.27	25.71	20.93	21.24	0.000001	0.09	605.41	841.47	0.01
Bayou Din	1	64300	10 yr	Existing	173.00	20.28	25.72	21.92	19.40	0.000052	0.70	353.69	356.86	0.07
Bayou Din	1	64300	10 yr	w Pond	31.00	20.28	25.71	20.93	19.61	0.000002	0.13	352.62	355.90	0.01
Bayou Din	1	64157			Culvert									
Bayou Din	1	64100	10 yr	Existing	173.00	20.28	25.71	21.31	17.31	0.000052	0.70	352.95	356.20	0.07
Bayou Din	1	64100	10 yr	w Pond	31.00	20.28	25.71	20.24	17.54	0.000002	0.13	352.29	355.60	0.01
Bayou Din	1	63916.87	10 yr	Existing	173.00	19.77	25.71	21.65	15.25	0.000039	0.54	624.97	1001.31	0.06
Bayou Din	1	63916.87	10 yr	w Pond	31.00	19.77	25.71	20.53	15.48	0.000001	0.10	628.72	1004.54	0.01
Bayou Din	1	63662			Culvert									
Bayou Din	1	63427.49	10 yr	Existing	173.00	19.69	25.70	21.08	8.34	0.000021	0.46	604.12	747.42	0.05
Bayou Din	1	63427.49	10 yr	w Pond	31.00	19.69	25.71	20.24	8.51	0.000001	0.08	610.91	754.62	0.01
Bayou Din	1	63300	10 yr	Existing	173.00	19.68	25.70	21.48	6.61	0.000027	0.51	573.09	744.51	0.05
Bayou Din	1	63300	10 yr	w Pond	31.00	19.68	25.71	20.38	6.77	0.000001	0.09	582.51	754.53	0.01
Bayou Din	1	63181			Culvert									
Bayou Din	1	63082	10 yr	Existing	173.00	19.65	25.69	21.08	3.76	0.000027	0.44	517.50	505.33	0.05
Bayou Din	1	63082	10 yr	w Pond	31.00	19.65	25.71	20.34	3.85	0.000001	0.08	526.75	530.63	0.01
Bayou Din	1	62930.99	10 yr	Existing	173.00	19.57	25.69	21.08	2.05	0.000038	0.56	465.87	496.25	0.06
Bayou Din	1	62930.99	10 yr	w Pond	31.00	19.57	25.71	20.34	2.11	0.000001	0.10	478.18	526.62	0.01
Bayou Din	1	62750	10 yr	Existing	173.00	19.62	25.68	21.08	0.000024	0.000001	0.48	522.23	507.27	0.05
Bayou Din	1	62750	10 yr	w Pond	31.00	19.62	25.71	20.34	0.000001	0.000001	0.08	537.16	539.10	0.01
Bayou Din	2	62561.74	10 yr	Existing	58.00	19.40	25.69	20.34	771.59	0.000001	0.12	803.93	618.60	0.01
Bayou Din	2	62561.74	10 yr	w Pond	58.00	19.40	25.71	20.34	758.29	0.000001	0.12	820.53	634.30	0.01
Bayou Din	2	62277.63	10 yr	Existing	58.00	19.46	25.68	20.34	767.08	0.000002	0.17	579.86	529.02	0.01
Bayou Din	2	62277.63	10 yr	w Pond	58.00	19.46	25.71	20.34	753.68	0.000002	0.17	594.21	551.96	0.01

HEC-RAS Profile: 10\_yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl. (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	61928.04	10 yr	Existing	58.00	19.36	25.68	20.41	762.72	0.000002	0.17	506.76	362.51		0.02
Bayou Din	2	61928.04	10 yr	w Pond	58.00	19.36	25.71	20.41	749.22	0.000002	0.17	516.40	364.48		0.02
Bayou Din	2	61429.98	10 yr	Existing	58.00	19.26	25.68	20.21	757.56	0.000002	0.18	395.64	203.30		0.02
Bayou Din	2	61429.98	10 yr	w Pond	58.00	19.26	25.71	20.21	743.97	0.000002	0.18	401.05	203.92		0.02
Bayou Din	2	60925.99	10 yr	Existing	58.00	19.28	25.68	19.99	762.51	0.000002	0.15	476.96	223.09		0.01
Bayou Din	2	60925.99	10 yr	w Pond	58.00	19.28	25.71	19.99	738.86	0.000002	0.15	482.94	226.66		0.01
Bayou Din	2	60700		Culvert											
Bayou Din	2	60555	10 yr	Existing	58.00	19.78	25.57	21.39	749.99	0.000005	0.24	332.44	255.79		0.02
Bayou Din	2	60555	10 yr	w Pond	58.00	19.78	25.59	21.39	736.31	0.000005	0.24	339.45	265.87		0.02
Bayou Din	2	60427.15	10 yr	Existing	58.00	20.00	25.57	21.39	748.77	0.000002	0.13	500.51	320.06		0.01
Bayou Din	2	60427.15	10 yr	w Pond	58.00	20.00	25.60	21.39	735.06	0.000002	0.12	509.22	329.59		0.01
Bayou Din	2	59899.06	10 yr	Existing	58.00	20.57	25.57	21.39	744.55	0.000008	0.30	195.50	60.59		0.03
Bayou Din	2	59899.06	10 yr	w Pond	58.00	20.57	25.59	21.39	730.78	0.000008	0.29	197.12	60.81		0.03
Bayou Din	2	59550		Culvert											
Bayou Din	2	59375.33	10 yr	Existing	106.00	20.59	25.22	21.61	742.90	0.000013	0.33	555.17	541.38		0.04
Bayou Din	2	59375.33	10 yr	w Pond	105.00	20.59	25.25	21.61	729.12	0.000012	0.32	572.41	543.79		0.04
Bayou Din	2	58759.73	10 yr	Existing	168.00	19.34	25.21	20.71	732.74	0.000010	0.42	883.30	609.23		0.03
Bayou Din	2	58759.73	10 yr	w Pond	168.00	19.34	25.24	20.71	718.69	0.000010	0.41	903.13	625.57		0.03
Bayou Din	2	58745		Culvert											
Bayou Din	2	58487.16	10 yr	Existing	168.00	20.09	25.00	21.15	732.53	0.000011	0.36	917.01	632.37		0.03
Bayou Din	2	58487.16	10 yr	w Pond	168.00	20.09	24.97	21.15	718.48	0.000012	0.36	896.68	629.14		0.04
Bayou Din	2	57974.63	10 yr	Existing	168.00	19.87	24.99	21.01	723.97	0.000025	0.51	537.53	375.52		0.05
Bayou Din	2	57974.63	10 yr	w Pond	168.00	19.87	24.96	21.01	710.12	0.000026	0.51	525.36	368.18		0.05
Bayou Din	2	56938.84	10 yr	Existing	168.00	19.41	24.98	21.01	707.93	0.000011	0.34	811.53	449.04		0.04
Bayou Din	2	56938.84	10 yr	w Pond	168.00	19.41	24.94	21.01	694.40	0.000012	0.35	796.53	446.30		0.04
Bayou Din	2	56444.11	10 yr	Existing	168.00	19.20	24.97	20.80	697.09	0.000007	0.27	1096.99	736.67		0.03
Bayou Din	2	56444.11	10 yr	w Pond	168.00	19.20	24.94	20.80	683.79	0.000007	0.27	1072.19	733.21		0.03
Bayou Din	2	55926.34	10 yr	Existing	168.00	18.97	24.97	20.65	678.41	0.000002	0.20	2047.23	1472.33		0.02

HEC-RAS Profile: 10 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit.W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froutde # Chl
Bayou Din	2	55926.34	10 yr	w Pond	168.00	18.97	24.94	20.65	665.55	0.000003	0.21	1997.47	1467.02	0.02
Bayou Din	2	55451.99	10 yr	Existing	168.00	18.76	24.97	20.35	650.99	0.000002	0.15	2987.82	2255.02	0.01
Bayou Din	2	55451.99	10 yr	w Pond	168.00	18.76	24.94	20.35	638.82	0.000002	0.16	2912.05	2214.45	0.01
Bayou Din	2	54951.57	10 yr	Existing	168.00	18.54	24.97	20.07	624.65	0.000002	0.17	1597.80	895.16	0.02
Bayou Din	2	54951.57	10 yr	w Pond	168.00	18.54	24.93	20.07	613.09	0.000002	0.17	1567.45	892.12	0.02
Bayou Din	2	54448.24	10 yr	Existing	168.00	18.32	24.97	19.92	605.80	0.000003	0.21	1654.95	784.98	0.02
Bayou Din	2	54448.24	10 yr	w Pond	168.00	18.32	24.93	19.92	594.56	0.000003	0.21	1638.55	764.62	0.02
Bayou Din	2	53948.20	10 yr	Existing	168.00	18.10	24.97	19.70	587.05	0.000003	0.23	1601.19	788.17	0.02
Bayou Din	2	53948.20	10 yr	w Pond	168.00	18.10	24.93	19.70	576.12	0.000003	0.24	1574.44	782.52	0.02
Bayou Din	2	53442.14	10 yr	Existing	168.00	17.88	24.96	19.48	568.64	0.000003	0.22	1568.24	705.57	0.02
Bayou Din	2	53442.14	10 yr	w Pond	168.00	17.88	24.93	19.48	558.00	0.000003	0.22	1544.54	687.98	0.02
Bayou Din	2	52941.59	10 yr	Existing	168.00	17.66	24.96	19.26	549.55	0.000003	0.15	1754.65	1820.47	0.02
Bayou Din	2	52941.59	10 yr	w Pond	168.00	17.66	24.93	19.26	539.39	0.000003	0.16	1694.57	1697.63	0.02
Bayou Din	2	52443.76	10 yr	Existing	168.00	17.44	24.96	19.03	522.13	0.000001	0.19	3043.28	2715.03	0.01
Bayou Din	2	52443.76	10 yr	w Pond	168.00	17.44	24.93	19.03	512.84	0.000002	0.19	2951.81	2638.93	0.01
Bayou Din	2	51942.64	10 yr	Existing	490.00	17.22	24.96	19.21	481.28	0.000006	0.41	4058.44	3515.38	0.03
Bayou Din	2	51942.64	10 yr	w Pond	489.00	17.22	24.92	19.21	473.21	0.000006	0.41	3938.42	3469.39	0.03
Bayou Din	2	51319.89	10 yr	Existing	490.00	14.00	24.95	17.84	438.43	0.000030	0.84	1936.77	2164.34	0.08
Bayou Din	2	51319.89	10 yr	w Pond	489.00	14.00	24.91	17.84	431.76	0.000033	0.88	1860.15	2159.73	0.09
Bayou Din	2	51250		Culvert										
Bayou Din	2	51070.13	10 yr	Existing	490.00	14.00	23.79		436.28	0.000121	2.09	245.60	213.20	0.17
Bayou Din	2	51070.13	10 yr	w Pond	489.00	14.00	23.76		429.69	0.000121	2.10	239.34	161.51	0.17
Bayou Din	2	50998.21	10 yr	Existing	490.00	14.50	23.80		435.05	0.000060	1.32	378.79	222.71	0.12
Bayou Din	2	50998.21	10 yr	w Pond	489.00	14.50	23.77		428.48	0.000060	1.33	372.37	171.39	0.12
Bayou Din	2	50386.33	10 yr	Existing	490.00	15.00	23.77		429.47	0.000089	1.35	570.99	713.78	0.14
Bayou Din	2	50386.33	10 yr	w Pond	489.00	15.00	23.73		423.08	0.000094	1.38	546.64	673.83	0.15
Bayou Din	2	49902.70	10 yr	Existing	490.00	15.20	23.77		413.94	0.000012	0.55	2225.93	1039.61	0.05
Bayou Din	2	49902.70	10 yr	w Pond	489.00	15.20	23.74		407.89	0.000012	0.56	2189.95	1036.62	0.05

HEC-RAS Profile: 10 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	49386.54	10 yr	Existing	542.00	15.98	23.77	18.81	383.91	0.000008	0.41	2842.23	1016.37	0.03	0.03
Bayou Din	2	49386.54	10 yr	w Pond	542.00	15.98	23.73	18.81	378.29	0.000008	0.42	2806.85	1014.97	0.03	0.03
Bayou Din	2	48947.66	10 yr	Existing	542.00	15.08	23.76	18.54	358.83	0.000010	0.40	2136.74	964.58	0.03	0.03
Bayou Din	2	48947.66	10 yr	w Pond	542.00	15.08	23.73	18.54	353.55	0.000010	0.41	2104.24	908.99	0.04	0.04
Bayou Din	2	48800		Culvert											
Bayou Din	2	48720	10 yr	Existing	542.00	15.23	23.76	18.30	347.69	0.000019	0.67	2188.00	2053.75	0.05	0.05
Bayou Din	2	48720	10 yr	w Pond	542.00	15.23	23.72	18.30	342.64	0.000019	0.68	2123.51	1989.23	0.05	0.05
Bayou Din	2	48518.83	10 yr	Existing	564.00	15.39	23.75	18.58	337.60	0.000017	0.59	2183.47	2045.74	0.05	0.05
Bayou Din	2	48518.83	10 yr	w Pond	564.00	15.39	23.72	18.58	332.85	0.000018	0.60	2118.91	1985.96	0.05	0.05
Bayou Din	2	48346.11	10 yr	Existing	564.00	14.70	23.75	17.95	328.92	0.000020	0.78	2196.55	2141.69	0.05	0.05
Bayou Din	2	48346.11	10 yr	w Pond	564.00	14.70	23.72	17.95	324.43	0.000021	0.80	2127.81	2101.12	0.05	0.05
Bayou Din	2	47858.87	10 yr	Existing	564.00	14.35	23.74	17.64	305.31	0.000016	0.70	2024.83	1383.20	0.05	0.05
Bayou Din	2	47858.87	10 yr	w Pond	564.00	14.35	23.71	17.64	301.45	0.000016	0.71	1980.93	1313.41	0.05	0.05
Bayou Din	2	47378.08	10 yr	Existing	564.00	14.41	23.74	17.48	280.67	0.000007	0.43	2440.64	1047.15	0.03	0.03
Bayou Din	2	47378.08	10 yr	w Pond	564.00	14.41	23.70	17.48	277.23	0.000008	0.43	2406.38	1045.38	0.03	0.03
Bayou Din	2	46861.41	10 yr	Existing	564.00	14.42	23.73	17.81	263.83	0.000012	0.58	2085.19	917.48	0.04	0.04
Bayou Din	2	46861.41	10 yr	w Pond	564.00	14.42	23.70	17.81	250.78	0.000013	0.58	2055.06	911.51	0.04	0.04
Bayou Din	2	46307.45	10 yr	Existing	564.00	13.93	23.73	16.96	222.11	0.000007	0.39	2903.28	1656.41	0.03	0.03
Bayou Din	2	46307.45	10 yr	w Pond	564.00	13.93	23.69	16.96	219.59	0.000007	0.40	2849.26	1602.23	0.03	0.03
Bayou Din	2	46250		Culvert											
Bayou Din	2	46166.75	10 yr	Existing	485.00	14.70	23.72	17.37	216.03	0.000005	0.35	3106.95	1562.33	0.03	0.03
Bayou Din	2	46166.75	10 yr	w Pond	484.00	14.70	23.69	17.37	213.64	0.000005	0.35	3061.68	1557.05	0.03	0.03
Bayou Din	2	45778.50	10 yr	Existing	485.00	13.90	23.72	16.79	187.16	0.000004	0.36	3370.67	1479.52	0.02	0.02
Bayou Din	2	45778.50	10 yr	w Pond	484.00	13.90	23.69	16.79	185.17	0.000004	0.37	3327.73	1474.54	0.02	0.02
Bayou Din	2	45276.62	10 yr	Existing	485.00	13.82	23.72	16.47	152.16	0.000004	0.32	2704.33	1159.95	0.02	0.02
Bayou Din	2	45276.62	10 yr	w Pond	484.00	13.82	23.69	16.47	150.61	0.000004	0.32	2671.94	1089.42	0.02	0.02
Bayou Din	2	44778.96	10 yr	Existing	485.00	13.90	23.71	16.95	119.76	0.000005	0.38	2987.34	1225.39	0.03	0.03
Bayou Din	2	44778.96	10 yr	w Pond	484.00	13.90	23.69	16.94	118.60	0.000005	0.39	2931.75	1214.93	0.03	0.03

HEC-RAS Profile: 10\_yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Cnnt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	44272.49	10 yr	Existing	485.00	13.76	23.71	16.52	86.81	0.000005	0.38	2701.87	1642.86	0.03
Bayou Din	2	44272.49	10 yr	w Pond	484.00	13.76	23.68	16.51	86.12	0.000005	0.37	2654.55	1617.15	0.03
Bayou Din	2	43774.48	10 yr	Existing	485.00	13.21	23.71	16.28	50.73	0.000003	0.33	3608.58	1416.32	0.02
Bayou Din	2	43774.48	10 yr	w Pond	484.00	13.21	23.68	16.27	50.55	0.000003	0.33	3567.40	1414.56	0.02
Bayou Din	2	43720			Culvert									
Bayou Din	2	43600	10 yr	Existing	485.00	13.64	23.68	16.11	44.80	0.000004	0.42	2725.28	1310.63	0.03
Bayou Din	2	43600	10 yr	w Pond	484.00	13.64	23.68	16.11	44.66	0.000004	0.42	2725.28	1310.63	0.03
Bayou Din	2	43297.40	10 yr	Existing	387.00	13.23	23.68	15.99	26.37	0.000003	0.34	2580.14	1039.71	0.02
Bayou Din	2	43297.40	10 yr	w Pond	387.00	13.23	23.68	15.99	26.24	0.000003	0.34	2580.14	1039.71	0.02
Bayou Din	2	43200			Culvert									
Bayou Din	2	42925.20	10 yr	Existing	387.00	13.75	23.68		25.77	0.000002	0.26	2774.05	904.55	0.02
Bayou Din	2	42925.20	10 yr	w Pond	387.00	13.75	23.68		25.63	0.000002	0.26	2774.05	904.55	0.02
Bayou Din	2	42660.40	10 yr	Existing	387.00	13.54	23.68	15.93	2.17	0.000001	0.23	4991.17	2179.13	0.01
Bayou Din	2	42660.40	10 yr	w Pond	387.00	13.54	23.68	15.93	2.03	0.000001	0.23	4991.17	2179.13	0.01
Bayou Din	2	42444			Culvert									
Bayou Din	2	42229.05	10 yr	Existing	387.00	12.51	20.50	15.39		0.000030	0.72	1191.82	731.07	0.06
Bayou Din	2	42229.05	10 yr	w Pond	387.00	12.51	20.50	15.39		0.000030	0.72	1191.82	731.07	0.06

HEC-RAS Profile: 25 yr

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
D602-D	1	500	25 yr	Existing	381.00	19.53	24.18		1.72	0.000943	3.13	150.40	105.99		0.32
D602-D	1	500	25 yr	w Pond	341.00	19.53	24.02		1.53	0.000942	3.02	133.78	102.74		0.31
D602-D	1	0	25 yr	Existing	381.00	19.06	23.70	21.87		0.000948	3.13	149.98	105.91		0.32
D602-D	1	0	25 yr	w Pond	341.00	19.06	23.54	21.73		0.000947	3.02	133.41	102.67		0.31
Bayou Din	1	79717.28	25 yr	Existing	30.00	26.30	29.62	26.60	960.31	0.000000	0.02	2307.41	1345.96		0.00
Bayou Din	1	79717.28	25 yr	w Pond	30.00	26.30	27.69	26.60	266.89	0.000011	0.15	231.70	437.04		0.03
Bayou Din	1	79282.63	25 yr	Existing	30.00	25.66	29.62	25.94	937.32	0.000000	0.02	2299.52	1084.14		0.00
Bayou Din	1	79282.63	25 yr	w Pond	30.00	25.66	27.69	25.94	262.66	0.000001	0.07	615.15	616.96		0.01
Bayou Din	1	78774.23	25 yr	Existing	30.00	24.78	29.62	25.14	898.32	0.000000	0.01	4383.05	2242.44		0.00
Bayou Din	1	78774.23	25 yr	w Pond	30.00	24.78	27.69	25.14	251.22	0.000000	0.03	1345.65	852.79		0.00
Bayou Din	1	78603.12	25 yr	Existing	30.00	24.60	29.62	24.93	883.07	0.000000	0.01	3383.84	1346.86		0.00
Bayou Din	1	78603.12	25 yr	w Pond	30.00	24.60	27.69	24.93	246.13	0.000000	0.03	1244.88	849.66		0.00
Bayou Din	1	78160.09	25 yr	Existing	30.00	25.75	29.62	26.37	835.70	0.000000	0.02	2392.31	2395.15		0.00
Bayou Din	1	78160.09	25 yr	w Pond	30.00	25.75	27.69	26.37	237.81	0.000003	0.09	390.40	526.33		0.01
Bayou Din	1	77641.38	25 yr	Existing	30.00	25.75	29.62	26.39	835.65	0.000000	0.05	639.16	441.97		0.01
Bayou Din	1	77641.38	25 yr	w Pond	30.00	25.75	27.68	26.39	235.19	0.000142	0.59	50.94	50.95		0.10
Bayou Din	1	77120.67	25 yr	Existing	30.00	25.41	29.62	26.15	814.14	0.000000	0.02	2958.77	1908.79		0.00
Bayou Din	1	77120.67	25 yr	w Pond	30.00	25.41	27.65	26.15	234.14	0.000042	0.31	124.80	258.36		0.06
Bayou Din	1	76900		Culvert											
Bayou Din	1	76858.53	25 yr	Existing	30.00	25.23	29.62	25.79	784.53	0.000000	0.01	3051.09	1707.42		0.00
Bayou Din	1	76858.53	25 yr	w Pond	30.00	25.23	27.61	25.79	233.36	0.000007	0.15	245.21	358.35		0.02
Bayou Din	1	76631.90	25 yr	Existing	30.00	25.05	29.62	25.31	767.12	0.000000	0.01	3639.74	1612.90		0.00
Bayou Din	1	76631.90	25 yr	w Pond	30.00	25.05	27.61	25.31	230.95	0.000001	0.07	682.06	1076.92		0.01
Bayou Din	1	76055.61	25 yr	Existing	30.00	24.90	29.62	25.20	708.85	0.000000	0.01	5168.99	2069.39		0.00
Bayou Din	1	76055.61	25 yr	w Pond	30.00	24.90	27.61	25.20	215.91	0.000000	0.03	1591.56	1527.27		0.00
Bayou Din	1	75678.38	25 yr	Existing	30.00	24.84	29.62	25.21	671.03	0.000000	0.01	3566.34	1400.73		0.00
Bayou Din	1	75678.38	25 yr	w Pond	30.00	24.84	27.61	25.21	204.56	0.000000	0.04	1030.48	1080.60		0.01
Bayou Din	1	75046.16	25 yr	Existing	202.00	24.70	29.62	26.47	634.54	0.000003	0.15	1462.33	862.91		0.02
Bayou Din	1	75046.16	25 yr	w Pond	202.00	24.70	27.60	26.47	194.87	0.000205	0.66	304.36	335.66		0.12

HEC-RAS Profile: 25 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	74548.44	25 yr	Existing	202.00	24.60	29.62	25.98	618.97	0.000003	0.19	1261.49	645.01	0.02	
Bayou Din	1	74548.44	25 yr	w Pond	202.00	24.60	27.51	25.98	191.43	0.000142	0.70	298.57	287.43	0.11	
Bayou Din	1	74355.75	25 yr	Existing	202.00	24.54	29.62	26.38	613.67	0.000005	0.26	1135.14	672.38	0.02	
Bayou Din	1	74355.75	25 yr	w Pond	202.00	24.54	27.47	26.38	190.26	0.000322	1.12	229.51	292.94	0.17	
Bayou Din	1	74165.54	25 yr	Existing	202.00	24.24	29.62	26.14	608.47	0.000004	0.26	1248.62	730.81	0.02	
Bayou Din	1	74165.54	25 yr	w Pond	202.00	24.24	27.41	26.14	189.22	0.000294	1.25	246.95	343.73	0.16	
Bayou Din	1	74062.63	25 yr	Existing	202.00	24.13	29.62	25.94	605.27	0.000003	0.23	1462.70	833.52	0.02	
Bayou Din	1	74062.63	25 yr	w Pond	202.00	24.13	27.39	25.94	188.59	0.000155	1.02	287.87	336.86	0.12	
Bayou Din	1	73964.53	25 yr	Existing	202.00	24.11	29.62	25.22	601.77	0.000002	0.17	1644.04	773.41	0.01	
Bayou Din	1	73964.53	25 yr	w Pond	202.00	24.11	27.39	25.22	187.70	0.000036	0.49	494.77	367.59	0.06	
Bayou Din	1	73863.84	25 yr	Existing	202.00	24.02	29.62	25.78	593.78	0.000000	0.06	5255.79	2643.86	0.01	
Bayou Din	1	73863.84	25 yr	w Pond	202.00	24.02	27.38	25.78	186.46	0.000076	0.62	583.52	1046.07	0.08	
Bayou Din	1	73759.66	25 yr	Existing	202.00	23.92	29.62	26.47	580.99	0.000000	0.05	5432.28	2647.54	0.00	
Bayou Din	1	73759.66	25 yr	w Pond	202.00	23.92	27.38	26.47	184.99	0.000062	0.48	646.76	1043.54	0.07	
Bayou Din	1	73665.78	25 yr	Existing	202.00	23.96	29.62	25.88	569.38	0.000000	0.05	5342.34	2600.94	0.01	
Bayou Din	1	73665.78	25 yr	w Pond	202.00	23.96	27.37	25.88	183.63	0.000063	0.50	616.03	1040.17	0.07	
Bayou Din	1	73560.24	25 yr	Existing	202.00	23.91	29.62	25.60	556.29	0.000000	0.06	5464.24	2614.37	0.01	
Bayou Din	1	73560.24	25 yr	w Pond	202.00	23.91	27.36	25.60	182.70	0.000042	0.59	646.22	990.41	0.07	
Bayou Din	1	73063.72	25 yr	Existing	202.00	23.85	29.61	25.07	515.29	0.000001	0.12	1729.89	774.52	0.01	
Bayou Din	1	73063.72	25 yr	w Pond	202.00	23.85	27.34	25.07	175.59	0.000039	0.41	495.70	326.67	0.06	
Bayou Din	1	72556.32	25 yr	Existing	202.00	23.72	29.61	26.35	482.58	0.000000	0.09	3884.90	2050.56	0.01	
Bayou Din	1	72556.32	25 yr	w Pond	202.00	23.72	27.32	26.35	169.91	0.000073	0.76	478.68	655.30	0.08	
Bayou Din	1	72067.34	25 yr	Existing	202.00	23.59	29.61	26.07	442.91	0.000001	0.09	3184.14	1486.16	0.01	
Bayou Din	1	72067.34	25 yr	w Pond	202.00	23.59	27.28	26.07	164.75	0.000076	0.63	441.50	496.97	0.08	
Bayou Din	1	71571.45	25 yr	Existing	202.00	23.13	29.61	25.37	375.68	0.000000	0.03	8626.52	3802.60	0.00	
Bayou Din	1	71571.45	25 yr	w Pond	202.00	23.13	27.27	25.37	154.51	0.000012	0.22	1357.92	1906.55	0.03	
Bayou Din	1	71066.99	25 yr	Existing	202.00	22.40	29.61	24.81	269.81	0.000000	0.03	9658.11	3592.90	0.00	
Bayou Din	1	71066.99	25 yr	w Pond	202.00	22.40	27.27	24.61	133.42	0.000003	0.15	2284.45	2285.56	0.02	

HEC-RAS Profile: 25\_yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	70810	25 yr	Existing	202.00	22.31	29.61	24.55	212.60	0.000000	0.05	9734.76	3592.90	0.00	0.00
Bayou Din	1	70810	25 yr	w Pond	202.00	22.31	27.27	24.55	119.72	0.000004	0.21	2358.77	2285.18	0.02	0.02
Bayou Din	1	70670	25 yr	Existing	202.00	22.27	29.61	24.57	181.34	0.000000	0.05	9715.54	3592.90	0.00	0.00
Bayou Din	1	70670	25 yr	w Pond	202.00	22.27	27.27	24.57	112.17	0.000005	0.22	2338.14	2284.95	0.02	0.02
Bayou Din	1	70556.44	25 yr	Existing	202.00	21.78	29.61	23.90	164.46	0.000000	0.10	3235.69	1548.30	0.01	0.01
Bayou Din	1	70556.44	25 yr	w Pond	202.00	21.78	27.26	23.90	108.32	0.000025	0.49	620.18	627.73	0.05	0.05
Bayou Din	1	70170	25 yr	Existing	202.00	21.46	29.61	23.90	134.50	0.000001	0.12	3519.24	1691.19	0.01	0.01
Bayou Din	1	70170	25 yr	w Pond	202.00	21.46	27.25	23.90	103.15	0.000041	0.53	543.61	607.88	0.06	0.06
Bayou Din	1	70105.22	25 yr	Existing	207.00	21.05	29.61	23.23	129.29	0.000000	0.10	3479.58	1691.19	0.01	0.01
Bayou Din	1	70105.22	25 yr	w Pond	35.00	21.05	27.25	21.82	102.37	0.000001	0.10	504.96	610.03	0.01	0.01
Bayou Din	1	70062		Culvert											
Bayou Din	1	69840	25 yr	Existing	207.00	20.38	28.08	22.64	127.39	0.000004	0.26	1294.54	812.95	0.02	0.02
Bayou Din	1	69840	25 yr	w Pond	35.00	20.38	27.12	21.34	102.10	0.000000	0.07	733.11	442.36	0.01	0.01
Bayou Din	1	69732.16	25 yr	Existing	207.00	19.97	28.08	22.04	124.13	0.000003	0.21	1339.93	812.88	0.02	0.02
Bayou Din	1	69732.16	25 yr	w Pond	35.00	19.97	27.12	20.82	100.23	0.000000	0.05	778.60	442.36	0.01	0.01
Bayou Din	1	69378		Culvert											
Bayou Din	1	69211.45	25 yr	Existing	207.00	20.11	28.08	22.29	108.71	0.000009	0.36	711.55	332.31	0.03	0.03
Bayou Din	1	69211.45	25 yr	w Pond	35.00	20.11	26.95	20.97	93.94	0.000001	0.10	394.94	224.12	0.01	0.01
Bayou Din	1	68957		Culvert											
Bayou Din	1	68835	25 yr	Existing	207.00	20.36	27.39	22.59	104.27	0.000024	0.60	618.70	380.37	0.05	0.05
Bayou Din	1	68835	25 yr	w Pond	35.00	20.36	26.86	21.25	91.72	0.000001	0.13	426.92	350.77	0.01	0.01
Bayou Din	1	68705.84	25 yr	Existing	207.00	20.91	27.38	23.02	102.48	0.000021	0.47	593.81	380.28	0.05	0.05
Bayou Din	1	68705.84	25 yr	w Pond	35.00	20.91	26.86	21.72	90.49	0.000002	0.12	492.68	350.76	0.01	0.01
Bayou Din	1	68464		Culvert											
Bayou Din	1	68330	25 yr	Existing	207.00	20.77	27.05	22.92	98.42	0.000036	0.54	501.54	362.04	0.06	0.06
Bayou Din	1	68330	25 yr	w Pond	35.00	20.77	26.52	21.59	86.22	0.000003	0.12	325.24	286.78	0.02	0.02
Bayou Din	1	68203.29	25 yr	Existing	207.00	20.67	27.04	22.83	97.00	0.000040	0.55	471.76	452.05	0.06	0.06
Bayou Din	1	68203.29	25 yr	w Pond	35.00	20.67	26.52	21.48	87.31	0.000003	0.13	297.30	261.45	0.02	0.02

HEC-RAS Profile: 25\_yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	67781		Culvert											
Bayou Din	1	67685.64	25 yr	Existing	207.00	20.73	27.03	22.67	89.38	0.000034	0.63	484.76	363.15		0.06
Bayou Din	1	67685.64	25 yr	w Pond	35.00	20.73	26.52	21.46	83.16	0.000003	0.15	313.49	306.93		0.02
Bayou Din	1	67570		Culvert											
Bayou Din	1	67500	25 yr	Existing	207.00	20.43	26.54	22.65	87.72	0.000081	0.71	370.00	305.96		0.09
Bayou Din	1	67500	25 yr	w Pond	35.00	20.43	26.32	21.36	82.31	0.000003	0.14	308.14	264.63		0.02
Bayou Din	1	67325.24	25 yr	Existing	207.00	20.36	26.51	22.90	86.49	0.000177	1.01	246.50	187.59		0.13
Bayou Din	1	67325.24	25 yr	w Pond	35.00	20.36	26.32	21.37	81.26	0.000007	0.19	212.56	172.63		0.02
Bayou Din	1	67070	25 yr	Existing	207.00	20.22	26.49	22.39	85.10	0.000087	0.88	288.89	186.84		0.09
Bayou Din	1	67070	25 yr	w Pond	35.00	20.22	26.32	21.05	80.05	0.000003	0.16	258.71	179.24		0.02
Bayou Din	1	66959		Culvert											
Bayou Din	1	66925	25 yr	Existing	207.00	20.22	26.48	22.39	83.79	0.000087	0.88	287.93	186.60		0.09
Bayou Din	1	66925	25 yr	w Pond	35.00	20.22	26.32	21.05	78.91	0.000003	0.16	258.59	179.20		0.02
Bayou Din	1	66807.42	25 yr	Existing	207.00	21.07	26.48	22.76	82.71	0.000035	0.58	508.18	415.97		0.06
Bayou Din	1	66807.42	25 yr	w Pond	35.00	21.07	26.32	21.77	77.96	0.000001	0.11	443.68	397.21		0.01
Bayou Din	1	66313.46	25 yr	Existing	207.00	20.60	26.46	22.89	76.18	0.000045	0.69	645.01	573.59		0.07
Bayou Din	1	66313.46	25 yr	w Pond	35.00	20.60	26.32	21.52	72.24	0.000002	0.13	565.67	546.88		0.01
Bayou Din	1	66050	25 yr	Existing	207.00	20.19	26.44	22.01	69.92	0.000038	0.65	468.70	340.98		0.06
Bayou Din	1	66050	25 yr	w Pond	35.00	20.19	26.32	20.85	66.65	0.000001	0.12	428.85	326.54		0.01
Bayou Din	1	65980		Culvert											
Bayou Din	1	65823.99	25 yr	Existing	207.00	20.19	26.44	22.25	68.52	0.000044	0.64	461.57	340.65		0.07
Bayou Din	1	65823.99	25 yr	w Pond	35.00	20.19	26.32	21.06	65.41	0.000002	0.12	422.35	326.42		0.01
Bayou Din	1	65530	25 yr	Existing	207.00	19.82	26.43	21.92	65.02	0.000022	0.45	577.02	361.05		0.05
Bayou Din	1	65530	25 yr	w Pond	35.00	19.82	26.32	20.62	62.17	0.000001	0.08	537.44	353.24		0.01
Bayou Din	1	65427		Culvert											
Bayou Din	1	65314.24	25 yr	Existing	207.00	20.37	26.42	22.35	62.41	0.000030	0.48	533.40	360.52		0.05
Bayou Din	1	65314.24	25 yr	w Pond	35.00	20.37	26.32	21.13	59.77	0.000001	0.09	496.39	353.19		0.01

HEC-RAS Profile: 25 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	1	64856.31	25 yr	Existing	207.00	20.32	26.41	21.75	56.71	0.000019	0.44	550.30	320.86	0.05
Bayou Din	1	64856.31	25 yr	w Pond	35.00	20.32	26.32	20.84	54.42	0.000001	0.08	521.03	301.97	0.01
Bayou Din	1	64447.76	25 yr	Existing	207.00	20.27	26.41		47.29	0.000011	0.32	1458.12	1740.18	0.03
Bayou Din	1	64447.76	25 yr	w Pond	35.00	20.27	26.32		45.83	0.000000	0.06	1311.16	1570.86	0.01
Bayou Din	1	64300	25 yr	Existing	207.00	20.28	26.40	22.09	43.77	0.000025	0.56	618.43	413.79	0.05
Bayou Din	1	64300	25 yr	w Pond	35.00	20.28	26.32	20.97	42.61	0.000001	0.10	584.11	406.13	0.01
Bayou Din	1	64157			Culvert									
Bayou Din	1	64100	25 yr	Existing	207.00	20.28	26.37		39.88	0.000026	0.57	605.72	410.32	0.05
Bayou Din	1	64100	25 yr	w Pond	35.00	20.28	26.32		38.92	0.000001	0.10	583.55	406.03	0.01
Bayou Din	1	63916.87	25 yr	Existing	207.00	19.77	26.37	21.83	35.37	0.000011	0.33	1536.15	1767.04	0.03
Bayou Din	1	63916.87	25 yr	w Pond	35.00	19.77	26.32	20.58	34.66	0.000000	0.06	1443.20	1705.13	0.01
Bayou Din	1	63862			Culvert									
Bayou Din	1	63427.49	25 yr	Existing	207.00	19.69	26.32	21.23	18.09	0.000010	0.36	1262.66	1359.45	0.03
Bayou Din	1	63427.49	25 yr	w Pond	35.00	19.69	26.31	20.28	18.01	0.000000	0.06	1252.85	1356.95	0.01
Bayou Din	1	63300	25 yr	Existing	207.00	19.68	26.32	21.66	14.44	0.000012	0.38	1232.30	1358.92	0.04
Bayou Din	1	63300	25 yr	w Pond	35.00	19.68	26.31	20.42	14.38	0.000000	0.07	1224.48	1356.94	0.01
Bayou Din	1	63181			Culvert									
Bayou Din	1	63082	25 yr	Existing	207.00	19.65	26.32		7.65	0.000013	0.34	1029.65	1135.52	0.04
Bayou Din	1	63082	25 yr	w Pond	35.00	19.65	26.31		7.64	0.000000	0.06	1025.07	1132.17	0.01
Bayou Din	1	62930.99	25 yr	Existing	207.00	19.57	26.32		4.17	0.000018	0.42	977.26	1133.22	0.04
Bayou Din	1	62930.99	25 yr	w Pond	35.00	19.57	26.31		4.17	0.000001	0.07	975.74	1132.10	0.01
Bayou Din	1	62750	25 yr	Existing	207.00	19.62	26.31			0.000012	0.39	1029.35	1116.28	0.04
Bayou Din	1	62750	25 yr	w Pond	35.00	19.62	26.31			0.000000	0.07	1030.68	1117.29	0.01
Bayou Din	2	62561.74	25 yr	Existing	58.00	19.40	26.31	20.34	1275.05	0.000000	0.09	1330.81	1052.47	0.01
Bayou Din	2	62561.74	25 yr	w Pond	58.00	19.40	26.31	20.34	1274.86	0.000000	0.09	1330.81	1052.47	0.01
Bayou Din	2	62277.63	25 yr	Existing	58.00	19.46	26.31	20.34	1267.27	0.000001	0.12	1053.49	1039.99	0.01
Bayou Din	2	62277.63	25 yr	w Pond	58.00	19.46	26.31	20.34	1267.08	0.000001	0.12	1053.49	1039.99	0.01

HEC-RAS Profile: 25 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	61928.04	25 yr	Existing	58.00	19.36	26.31	20.41	1260.04	0.000001	0.13	748.58	405.52	0.01	0.01
Bayou Din	2	61928.04	25 yr	w Pond	58.00	19.36	26.31	20.41	1259.85	0.000001	0.13	748.58	405.52	0.01	0.01
Bayou Din	2	61429.98	25 yr	Existing	58.00	19.26	26.31	20.21	1252.72	0.000001	0.15	532.88	239.60	0.01	0.01
Bayou Din	2	61429.98	25 yr	w Pond	58.00	19.26	26.31	20.21	1252.53	0.000001	0.15	532.88	239.60	0.01	0.01
Bayou Din	2	60925.99	25 yr	Existing	58.00	19.28	26.31	19.99	1245.87	0.000001	0.12	649.94	328.51	0.01	0.01
Bayou Din	2	60925.99	25 yr	w Pond	58.00	19.28	26.31	19.99	1245.68	0.000001	0.12	649.94	328.51	0.01	0.01
Bayou Din	2	60700		Culvert											
Bayou Din	2	60555	25 yr	Existing	58.00	19.78	26.31	21.39	1241.81	0.000002	0.17	570.53	429.77	0.01	0.01
Bayou Din	2	60555	25 yr	w Pond	58.00	19.78	26.31	21.39	1241.62	0.000002	0.17	570.53	429.77	0.01	0.01
Bayou Din	2	60427.15	25 yr	Existing	58.00	20.00	26.31		1239.82	0.000001	0.09	780.52	476.15	0.01	0.01
Bayou Din	2	60427.15	25 yr	w Pond	58.00	20.00	26.31		1239.63	0.000001	0.09	780.52	476.15	0.01	0.01
Bayou Din	2	59899.06	25 yr	Existing	58.00	20.57	26.31	21.39	1233.46	0.000004	0.24	269.00	144.74	0.02	0.02
Bayou Din	2	59899.06	25 yr	w Pond	58.00	20.57	26.31	21.39	1233.27	0.000004	0.24	269.00	144.74	0.02	0.02
Bayou Din	2	59550		Culvert											
Bayou Din	2	59375.33	25 yr	Existing	122.00	20.59	26.04	21.70	1231.24	0.000004	0.22	1099.68	794.54	0.02	0.02
Bayou Din	2	59375.33	25 yr	w Pond	122.00	20.59	26.04	21.70	1231.05	0.000004	0.22	1099.68	794.54	0.02	0.02
Bayou Din	2	58759.73	25 yr	Existing	189.00	19.34	26.04	20.81	1213.20	0.000004	0.30	1452.97	726.15	0.02	0.02
Bayou Din	2	58759.73	25 yr	w Pond	189.00	19.34	26.04	20.81	1213.01	0.000004	0.30	1452.97	726.15	0.02	0.02
Bayou Din	2	58745		Culvert											
Bayou Din	2	58487.16	25 yr	Existing	189.00	20.09	26.03	21.23	1212.45	0.000003	0.23	1638.98	896.71	0.02	0.02
Bayou Din	2	58487.16	25 yr	w Pond	189.00	20.09	26.03	21.23	1212.26	0.000003	0.23	1638.98	896.71	0.02	0.02
Bayou Din	2	57974.63	25 yr	Existing	189.00	19.87	26.03		1195.01	0.000007	0.34	1325.27	1536.48	0.03	0.03
Bayou Din	2	57974.63	25 yr	w Pond	189.00	19.87	26.03		1194.82	0.000007	0.34	1325.27	1536.48	0.03	0.03
Bayou Din	2	56938.84	25 yr	Existing	189.00	19.41	26.02	21.11	1163.28	0.000004	0.25	1343.80	581.01	0.02	0.02
Bayou Din	2	56938.84	25 yr	w Pond	189.00	19.41	26.02	21.11	1163.09	0.000004	0.25	1343.80	581.01	0.02	0.02
Bayou Din	2	56444.11	25 yr	Existing	189.00	19.20	26.02	20.90	1144.61	0.000002	0.18	1944.20	895.06	0.02	0.02
Bayou Din	2	56444.11	25 yr	w Pond	189.00	19.20	26.02	20.90	1144.42	0.000002	0.18	1944.20	895.06	0.02	0.02
Bayou Din	2	55926.34	25 yr	Existing	189.00	18.97	26.02	20.72	1111.18	0.000001	0.12	3680.24	1662.20	0.01	0.01

HEC-RAS Profile: 25 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W. S. Elev (ft)	Crit. W. S. (ft)	Volume (acre-ft)	E. G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	55926.34	25 yr	w Pond	189.00	18.97	26.02	20.72	1110.99	0.000001	0.12	3680.24	1662.20	0.01
Bayou Din	2	55451.99	25 yr	Existing	189.00	18.76	26.02	20.44	1058.81	0.000000	0.09	5937.91	3228.87	0.01
Bayou Din	2	55451.99	25 yr	w Pond	189.00	18.76	26.02	20.44	1058.62	0.000000	0.09	5937.91	3228.87	0.01
Bayou Din	2	54951.57	25 yr	Existing	189.00	18.54	26.02	20.15	1009.51	0.000001	0.12	2645.80	1090.52	0.01
Bayou Din	2	54951.57	25 yr	w Pond	189.00	18.54	26.02	20.15	1009.32	0.000001	0.12	2645.80	1090.52	0.01
Bayou Din	2	54448.24	25 yr	Existing	189.00	18.32	26.02	20.03	978.86	0.000001	0.16	2658.23	1139.30	0.01
Bayou Din	2	54448.24	25 yr	w Pond	189.00	18.32	26.02	20.03	978.67	0.000001	0.16	2658.23	1139.30	0.01
Bayou Din	2	53948.20	25 yr	Existing	189.00	18.10	26.02	19.81	948.27	0.000001	0.18	2671.88	1313.42	0.01
Bayou Din	2	53948.20	25 yr	w Pond	189.00	18.10	26.02	19.81	948.08	0.000001	0.18	2671.88	1313.42	0.01
Bayou Din	2	53442.14	25 yr	Existing	189.00	17.88	26.02	19.59	908.74	0.000001	0.15	4133.99	3866.16	0.01
Bayou Din	2	53442.14	25 yr	w Pond	189.00	17.88	26.02	19.59	908.55	0.000001	0.15	4133.99	3866.16	0.01
Bayou Din	2	52941.59	25 yr	Existing	189.00	17.66	26.02	19.37	857.25	0.000001	0.09	4826.68	3620.71	0.01
Bayou Din	2	52941.59	25 yr	w Pond	189.00	17.66	26.02	19.37	857.06	0.000001	0.09	4826.68	3620.71	0.01
Bayou Din	2	52443.76	25 yr	Existing	189.00	17.44	26.02	19.14	790.94	0.000000	0.10	6778.90	4036.53	0.01
Bayou Din	2	52443.76	25 yr	w Pond	189.00	17.44	26.02	19.14	790.75	0.000000	0.10	6778.90	4036.53	0.01
Bayou Din	2	51942.64	25 yr	Existing	585.00	17.22	26.02	19.44	704.90	0.000002	0.24	8179.07	4045.91	0.02
Bayou Din	2	51942.64	25 yr	w Pond	585.00	17.22	26.02	19.44	704.71	0.000002	0.24	8179.07	4045.91	0.02
Bayou Din	2	51319.89	25 yr	Existing	585.00	14.00	26.02	18.22	615.01	0.000006	0.36	4395.99	2483.00	0.04
Bayou Din	2	51319.89	25 yr	w Pond	585.00	14.00	26.02	18.22	614.82	0.000006	0.36	4395.99	2483.00	0.04
Bayou Din	2	51250		Culvert										
Bayou Din	2	51070.13	25 yr	Existing	585.00	14.00	24.36	610.32	610.32	0.000121	1.79	870.17	1779.55	0.17
Bayou Din	2	51070.13	25 yr	w Pond	585.00	14.00	24.36	610.13	610.13	0.000121	1.79	870.17	1779.55	0.17
Bayou Din	2	50898.21	25 yr	Existing	585.00	14.50	24.36	606.74	606.74	0.000048	1.23	945.11	1762.21	0.11
Bayou Din	2	50898.21	25 yr	w Pond	585.00	14.50	24.36	606.55	606.55	0.000048	1.23	945.11	1762.21	0.11
Bayou Din	2	50386.33	25 yr	Existing	585.00	15.00	24.34	593.68	593.68	0.000047	1.10	1278.23	1400.67	0.11
Bayou Din	2	50386.33	25 yr	w Pond	585.00	15.00	24.34	593.49	593.49	0.000047	1.10	1278.23	1400.67	0.11
Bayou Din	2	49902.70	25 yr	Existing	585.00	15.20	24.34	570.79	570.79	0.000008	0.52	2844.84	1173.34	0.05
Bayou Din	2	49902.70	25 yr	w Pond	585.00	15.20	24.34	570.60	570.60	0.000008	0.52	2844.84	1173.34	0.05

HEC-RAS Profile: 25 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	49386.64	25 yr	Existing	617.00	15.98	24.34	19.02	533.01	0.000006	0.36	3531.56	1512.84	0.03
Bayou Din	2	49386.64	25 yr	w Pond	617.00	15.98	24.34	19.02	532.82	0.000006	0.36	3531.56	1512.84	0.03
Bayou Din	2	48947.66	25 yr	Existing	617.00	15.08	24.34	18.87	498.79	0.000007	0.36	3262.40	2631.53	0.03
Bayou Din	2	48947.66	25 yr	w Pond	617.00	15.08	24.34	18.87	498.60	0.000007	0.36	3262.40	2631.53	0.03
Bayou Din	2	48800		Culvert										
Bayou Din	2	48720	25 yr	Existing	617.00	15.23	24.33	18.52	479.23	0.000010	0.53	3615.59	2828.16	0.04
Bayou Din	2	48720	25 yr	w Pond	617.00	15.23	24.33	18.52	479.04	0.000010	0.53	3615.59	2828.16	0.04
Bayou Din	2	48518.83	25 yr	Existing	611.00	15.39	24.33	18.70	462.55	0.000009	0.45	3612.96	2827.00	0.03
Bayou Din	2	48518.83	25 yr	w Pond	611.00	15.39	24.33	18.70	462.36	0.000009	0.45	3612.96	2827.00	0.03
Bayou Din	2	48346.11	25 yr	Existing	611.00	14.70	24.33	18.07	448.13	0.000009	0.57	3659.86	2936.27	0.04
Bayou Din	2	48346.11	25 yr	w Pond	611.00	14.70	24.33	18.07	447.94	0.000009	0.57	3659.86	2936.27	0.04
Bayou Din	2	47858.87	25 yr	Existing	611.00	14.35	24.33	17.77	409.96	0.000009	0.58	3166.26	2303.23	0.04
Bayou Din	2	47858.87	25 yr	w Pond	611.00	14.35	24.33	17.77	409.77	0.000009	0.58	3166.26	2303.23	0.04
Bayou Din	2	47378.08	25 yr	Existing	611.00	14.41	24.32	17.58	374.81	0.000005	0.39	3202.80	1530.34	0.03
Bayou Din	2	47378.08	25 yr	w Pond	611.00	14.41	24.32	17.58	374.62	0.000005	0.39	3202.80	1530.34	0.03
Bayou Din	2	46861.41	25 yr	Existing	611.00	14.42	24.32	17.93	339.98	0.000009	0.53	2669.24	1150.95	0.04
Bayou Din	2	46861.41	25 yr	w Pond	611.00	14.42	24.32	17.93	339.79	0.000009	0.53	2669.24	1150.95	0.04
Bayou Din	2	46307.45	25 yr	Existing	611.00	13.93	24.32	17.09	297.28	0.000005	0.34	4046.67	2103.65	0.02
Bayou Din	2	46307.45	25 yr	w Pond	611.00	13.93	24.32	17.09	297.09	0.000005	0.34	4046.67	2103.65	0.02
Bayou Din	2	46250		Culvert										
Bayou Din	2	46166.75	25 yr	Existing	516.00	14.70	24.31	17.48	288.18	0.000003	0.29	4153.94	2155.48	0.02
Bayou Din	2	46166.75	25 yr	w Pond	516.00	14.70	24.31	17.48	287.99	0.000003	0.29	4153.94	2155.48	0.02
Bayou Din	2	45778.50	25 yr	Existing	516.00	13.90	24.31	16.90	249.68	0.000003	0.31	4486.52	2335.42	0.02
Bayou Din	2	45778.50	25 yr	w Pond	516.00	13.90	24.31	16.90	249.49	0.000003	0.31	4486.52	2335.42	0.02
Bayou Din	2	45276.62	25 yr	Existing	516.00	13.82	24.31	16.56	202.33	0.000003	0.30	3733.08	2068.10	0.02
Bayou Din	2	45276.62	25 yr	w Pond	516.00	13.82	24.31	16.56	202.14	0.000003	0.30	3733.08	2068.10	0.02
Bayou Din	2	44778.96	25 yr	Existing	516.00	13.90	24.31	17.03	159.17	0.000003	0.34	3822.36	1644.92	0.02
Bayou Din	2	44778.96	25 yr	w Pond	516.00	13.90	24.31	17.03	158.98	0.000003	0.34	3822.36	1644.92	0.02

HEC-RAS Profile: 25 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit.W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Ctl
Bayou Din	2	44272.49	25 yr	Existing	516.00	13.76	24.31	16.60	115.36	0.000003	0.33	3713.28	1742.47	0.02
Bayou Din	2	44272.49	25 yr	w Pond	516.00	13.76	24.31	16.60	115.17	0.000003	0.33	3713.28	1742.47	0.02
Bayou Din	2	43774.48	25 yr	Existing	516.00	13.21	24.30	16.38	68.02	0.000002	0.29	4567.96	1737.00	0.02
Bayou Din	2	43774.48	25 yr	w Pond	516.00	13.21	24.30	16.38	67.83	0.000002	0.29	4567.96	1737.00	0.02
Bayou Din	2	43720		Culvert										
Bayou Din	2	43600	25 yr	Existing	516.00	13.64	24.30	16.20	59.28	0.000003	0.37	3853.94	2161.07	0.02
Bayou Din	2	43600	25 yr	w Pond	516.00	13.64	24.30	16.20	59.09	0.000003	0.37	3853.94	2161.07	0.02
Bayou Din	2	43297.40	25 yr	Existing	409.00	13.23	24.30	16.08	33.85	0.000002	0.31	3458.12	1681.29	0.02
Bayou Din	2	43297.40	25 yr	w Pond	409.00	13.23	24.30	16.08	33.66	0.000002	0.31	3458.12	1681.29	0.02
Bayou Din	2	43200		Culvert										
Bayou Din	2	42925.20	25 yr	Existing	409.00	13.75	24.30		32.77	0.000002	0.24	3430.29	1246.56	0.02
Bayou Din	2	42925.20	25 yr	w Pond	409.00	13.75	24.30		32.58	0.000002	0.24	3430.29	1246.56	0.02
Bayou Din	2	42660.40	25 yr	Existing	409.00	13.54	24.30	16.00	2.74	0.000001	0.19	6451.95	2410.00	0.01
Bayou Din	2	42660.40	25 yr	w Pond	409.00	13.54	24.30	16.00	2.54	0.000001	0.19	6451.95	2410.00	0.01
Bayou Din	2	42444		Culvert										
Bayou Din	2	42229.05	25 yr	Existing	409.00	12.51	20.75	15.47		0.000025	0.68	1382.27	792.47	0.05
Bayou Din	2	42229.05	25 yr	w Pond	409.00	12.51	20.75	15.47		0.000025	0.68	1382.27	792.47	0.05

HEC-RAS Profile: 50 yr

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
D602-D	1	500	50 yr	Existing	469.00	19.53	24.49		2.12	0.000943	3.34	184.65	112.38		0.32
D602-D	1	500	50 yr	w Pond	420.00	19.53	24.32		1.90	0.000943	3.23	165.91	108.93		0.32
D602-D	1	0	50 yr	Existing	469.00	19.06	24.02	22.17		0.000948	3.35	184.19	112.29		0.32
D602-D	1	0	50 yr	w Pond	420.00	19.06	23.85	22.01		0.000948	3.23	165.47	108.85		0.32
Bayou Din	1	79717.28	50 yr	Existing	50.00	26.30	29.60	26.67	1174.99	0.000000	0.03	2282.89	1342.83		0.00
Bayou Din	1	79717.28	50 yr	w Pond	50.00	26.30	28.25	26.67	677.51	0.000003	0.10	638.09	912.68		0.02
Bayou Din	1	79282.63	50 yr	Existing	50.00	25.66	29.60	26.00	1152.22	0.000000	0.03	2279.73	1083.08		0.00
Bayou Din	1	79282.63	50 yr	w Pond	50.00	25.66	28.25	26.00	669.39	0.000001	0.07	990.83	739.48		0.01
Bayou Din	1	78774.23	50 yr	Existing	50.00	24.78	29.60	25.20	1113.58	0.000000	0.02	4342.12	2238.88		0.00
Bayou Din	1	78774.23	50 yr	w Pond	50.00	24.78	28.25	25.20	652.72	0.000000	0.04	1894.72	1111.62		0.00
Bayou Din	1	78603.12	50 yr	Existing	50.00	24.60	29.60	25.03	1098.46	0.000000	0.02	3359.28	1340.97		0.00
Bayou Din	1	78603.12	50 yr	w Pond	50.00	24.60	28.25	25.03	645.51	0.000000	0.04	1808.54	1059.27		0.00
Bayou Din	1	78160.09	50 yr	Existing	50.00	25.75	29.60	26.45	1069.43	0.000000	0.03	2348.67	2376.82		0.00
Bayou Din	1	78160.09	50 yr	w Pond	50.00	25.75	28.25	26.45	632.75	0.000001	0.08	699.81	574.22		0.01
Bayou Din	1	77641.38	50 yr	Existing	50.00	25.75	29.60	26.57	1051.69	0.000001	0.09	631.06	436.09		0.01
Bayou Din	1	77641.38	50 yr	w Pond	50.00	25.75	28.24	26.57	627.86	0.000125	0.44	122.35	262.82		0.09
Bayou Din	1	77120.67	50 yr	Existing	50.00	25.41	29.60	26.35	1030.44	0.000000	0.03	2923.57	1905.03		0.00
Bayou Din	1	77120.67	50 yr	w Pond	50.00	25.41	28.24	26.35	623.96	0.000006	0.16	530.43	1213.07		0.02
Bayou Din	1	76900		Culvert											
Bayou Din	1	76858.53	50 yr	Existing	50.00	25.23	29.60	25.94	1001.18	0.000000	0.02	3019.44	1706.75		0.00
Bayou Din	1	76858.53	50 yr	w Pond	50.00	25.23	28.24	25.94	619.06	0.000002	0.11	785.76	1345.42		0.01
Bayou Din	1	76631.90	50 yr	Existing	50.00	25.05	29.60	25.41	983.94	0.000000	0.02	3609.90	1607.63		0.00
Bayou Din	1	76631.90	50 yr	w Pond	50.00	25.05	28.24	25.41	613.09	0.000000	0.08	1506.64	1496.40		0.01
Bayou Din	1	76055.61	50 yr	Existing	50.00	24.90	29.60	25.30	926.12	0.000000	0.01	5130.63	2067.04		0.00
Bayou Din	1	76055.61	50 yr	w Pond	50.00	24.90	28.24	25.30	586.18	0.000000	0.03	2581.48	1598.10		0.00
Bayou Din	1	75678.38	50 yr	Existing	50.00	24.84	29.60	25.34	888.58	0.000000	0.02	3540.39	1397.57		0.00
Bayou Din	1	75678.38	50 yr	w Pond	50.00	24.84	28.24	25.34	567.51	0.000000	0.04	1751.71	1211.17		0.00
Bayou Din	1	75046.16	50 yr	Existing	234.00	24.70	29.60	26.55	852.39	0.000004	0.18	1446.23	852.86		0.02
Bayou Din	1	75046.16	50 yr	w Pond	234.00	24.70	28.23	26.55	550.72	0.000056	0.41	560.83	472.13		0.07

HEC-RAS Profile: 50 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	74548.44	50 yr	Existing	234.00	24.60	29.60	26.06	836.99	0.000004	0.22	1249.05	636.66	0.02	
Bayou Din	1	74548.44	50 yr	w Pond	234.00	24.60	28.21	26.06	544.32	0.000039	0.46	560.60	418.03	0.06	
Bayou Din	1	74355.75	50 yr	Existing	234.00	24.54	29.60	26.67	831.75	0.000007	0.30	1121.99	658.91	0.03	
Bayou Din	1	74355.75	50 yr	w Pond	234.00	24.54	28.20	26.67	542.01	0.000058	0.63	484.62	385.24	0.08	
Bayou Din	1	74165.54	50 yr	Existing	234.00	24.24	29.60	26.27	826.60	0.000006	0.30	1234.01	724.62	0.03	
Bayou Din	1	74165.54	50 yr	w Pond	234.00	24.24	28.19	26.27	539.78	0.000045	0.62	535.78	391.51	0.07	
Bayou Din	1	74062.63	50 yr	Existing	234.00	24.13	29.60	26.02	823.44	0.000004	0.27	1445.87	832.41	0.02	
Bayou Din	1	74062.63	50 yr	w Pond	234.00	24.13	28.18	26.02	538.46	0.000033	0.58	579.53	391.09	0.06	
Bayou Din	1	73964.53	50 yr	Existing	234.00	24.11	29.59	25.29	819.98	0.000002	0.20	1628.40	770.65	0.02	
Bayou Din	1	73964.53	50 yr	w Pond	234.00	24.11	28.18	25.29	536.90	0.000012	0.35	802.35	418.22	0.04	
Bayou Din	1	73863.84	50 yr	Existing	234.00	24.02	29.60	25.91	812.07	0.000000	0.07	5212.38	2643.24	0.01	
Bayou Din	1	73863.84	50 yr	w Pond	234.00	24.02	28.18	25.91	533.72	0.000005	0.21	1949.56	1906.84	0.02	
Bayou Din	1	73759.66	50 yr	Existing	234.00	23.92	29.60	26.55	799.40	0.000000	0.06	5378.78	2646.57	0.01	
Bayou Din	1	73759.66	50 yr	w Pond	234.00	23.92	28.18	26.55	528.97	0.000005	0.18	2029.36	1954.51	0.02	
Bayou Din	1	73665.78	50 yr	Existing	234.00	23.96	29.60	25.99	787.91	0.000000	0.06	5289.76	2599.32	0.01	
Bayou Din	1	73665.78	50 yr	w Pond	234.00	23.96	28.18	25.99	524.64	0.000005	0.19	1989.28	1995.84	0.02	
Bayou Din	1	73560.24	50 yr	Existing	234.00	23.91	29.59	25.71	774.94	0.000000	0.07	5411.37	2613.19	0.01	
Bayou Din	1	73560.24	50 yr	w Pond	234.00	23.91	28.18	25.71	519.83	0.000005	0.24	1975.79	2045.24	0.02	
Bayou Din	1	73063.72	50 yr	Existing	234.00	23.85	29.59	25.14	734.33	0.000002	0.14	1714.11	772.91	0.01	
Bayou Din	1	73063.72	50 yr	w Pond	234.00	23.85	28.18	25.14	503.74	0.000015	0.28	846.86	496.34	0.04	
Bayou Din	1	72556.32	50 yr	Existing	234.00	23.72	29.59	26.39	701.97	0.000001	0.11	3842.91	2048.49	0.01	
Bayou Din	1	72556.32	50 yr	w Pond	234.00	23.72	28.17	26.39	491.30	0.000010	0.34	1289.62	1269.00	0.03	
Bayou Din	1	72067.34	50 yr	Existing	234.00	23.59	29.59	26.13	662.70	0.000001	0.11	3153.54	1485.87	0.01	
Bayou Din	1	72067.34	50 yr	w Pond	234.00	23.59	28.17	26.13	477.53	0.000011	0.31	1163.59	1158.30	0.03	
Bayou Din	1	71571.45	50 yr	Existing	234.00	23.13	29.59	25.63	596.09	0.000000	0.04	8548.24	3794.61	0.00	
Bayou Din	1	71571.45	50 yr	w Pond	234.00	23.13	28.17	25.63	450.24	0.000001	0.10	3630.54	3055.93	0.01	
Bayou Din	1	71066.99	50 yr	Existing	234.00	22.40	29.59	24.76	491.10	0.000000	0.03	9584.06	3591.02	0.00	
Bayou Din	1	71066.99	50 yr	w Pond	234.00	22.40	28.17	24.76	401.52	0.000001	0.08	4784.51	3224.95	0.01	

HEC-RAS Profile: 50 yr (Continued)

River	Reach	River Sta.	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froutde # Chl
Bayou Din	1	70810	50 yr	Existing	234.00	22.31	29.59	24.62	434.33	0.000000	0.06	9680.67	3591.01	0.00
Bayou Din	1	70810	50 yr	w Pond	234.00	22.31	28.17	24.62	373.07	0.000001	0.12	4880.49	3224.85	0.01
Bayou Din	1	70670	50 yr	Existing	234.00	22.27	29.59	24.64	403.31	0.000000	0.06	9641.44	3591.01	0.00
Bayou Din	1	70670	50 yr	w Pond	234.00	22.27	28.17	24.64	357.48	0.000001	0.13	4840.84	3224.79	0.01
Bayou Din	1	70556.44	50 yr	Existing	234.00	21.78	29.59	24.04	386.57	0.000001	0.12	3203.80	1537.80	0.01
Bayou Din	1	70556.44	50 yr	w Pond	234.00	21.78	28.16	24.04	349.42	0.000006	0.28	1342.70	1017.22	0.03
Bayou Din	1	70170	50 yr	Existing	234.00	21.46	29.59	24.07	356.90	0.000001	0.15	3484.12	1689.51	0.01
Bayou Din	1	70170	50 yr	w Pond	234.00	21.46	28.16	24.07	337.17	0.000010	0.33	1417.78	1278.95	0.03
Bayou Din	1	70105.22	50 yr	Existing	241.00	21.05	29.59	23.43	351.75	0.000001	0.11	3444.46	1689.50	0.01
Bayou Din	1	70105.22	50 yr	w Pond	39.00	21.05	28.16	21.87	335.09	0.000000	0.05	1378.90	1279.04	0.00
Bayou Din	1	70062		Culvert										
Bayou Din	1	69940	50 yr	Existing	241.00	20.38	28.22	22.80	349.81	0.000005	0.29	1417.69	876.63	0.02
Bayou Din	1	69940	50 yr	w Pond	39.00	20.38	28.00	21.39	334.40	0.000000	0.05	1228.48	781.75	0.00
Bayou Din	1	69732.16	50 yr	Existing	241.00	19.97	28.22	22.21	346.25	0.000003	0.22	1463.06	876.47	0.02
Bayou Din	1	69732.16	50 yr	w Pond	39.00	19.97	28.00	20.86	331.30	0.000000	0.04	1273.98	781.74	0.00
Bayou Din	1	69378		Culvert										
Bayou Din	1	69211.45	50 yr	Existing	241.00	20.11	28.21	22.47	328.91	0.000010	0.40	757.04	346.16	0.03
Bayou Din	1	69211.45	50 yr	w Pond	39.00	20.11	27.99	21.03	316.97	0.000000	0.07	684.87	324.95	0.01
Bayou Din	1	68957		Culvert										
Bayou Din	1	68835	50 yr	Existing	241.00	20.36	28.10	22.76	323.93	0.000014	0.51	914.81	470.96	0.04
Bayou Din	1	68835	50 yr	w Pond	39.00	20.36	27.99	21.30	312.85	0.000000	0.09	863.74	448.82	0.01
Bayou Din	1	68705.84	50 yr	Existing	241.00	20.91	28.10	23.18	321.26	0.000010	0.38	890.27	470.77	0.03
Bayou Din	1	68705.84	50 yr	w Pond	39.00	20.91	27.99	21.78	310.32	0.000000	0.06	839.54	448.81	0.01
Bayou Din	1	68464		Culvert										
Bayou Din	1	68330	50 yr	Existing	241.00	20.77	28.10	23.09	313.77	0.000012	0.39	919.85	469.10	0.04
Bayou Din	1	68330	50 yr	w Pond	39.00	20.77	27.99	21.64	303.42	0.000000	0.07	871.86	448.67	0.01
Bayou Din	1	68203.29	50 yr	Existing	241.00	20.67	28.09	23.01	310.85	0.000008	0.30	1085.61	719.30	0.03
Bayou Din	1	68203.29	50 yr	w Pond	39.00	20.67	27.99	21.53	300.68	0.000000	0.05	1011.13	705.99	0.01

HEC-RAS Profile: 50 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chi
Bayou Din	1	67781			Culvert										
Bayou Din	1	67885.54	50 yr	Existing	241.00	20.73	28.09	22.84	290.98	0.000009	0.38	998.79	577.94	0.03	0.03
Bayou Din	1	67885.54	50 yr	w Pond	39.00	20.73	27.99	21.50	282.30	0.000000	0.07	940.92	559.41	0.01	0.01
Bayou Din	1	67570			Culvert										
Bayou Din	1	67500	50 yr	Existing	241.00	20.43	28.09	22.82	286.29	0.000011	0.37	1048.49	577.39	0.03	0.03
Bayou Din	1	67500	50 yr	w Pond	39.00	20.43	27.99	21.41	277.96	0.000000	0.06	981.95	559.28	0.01	0.01
Bayou Din	1	67325.24	50 yr	Existing	241.00	20.36	28.09	23.10	282.32	0.000017	0.47	932.76	689.27	0.04	0.04
Bayou Din	1	67325.24	50 yr	w Pond	39.00	20.36	27.99	21.43	274.23	0.000001	0.08	867.17	672.70	0.01	0.01
Bayou Din	1	67070	50 yr	Existing	241.00	20.22	28.08	22.56	277.38	0.000013	0.47	977.36	688.61	0.04	0.04
Bayou Din	1	67070	50 yr	w Pond	39.00	20.22	27.99	21.11	269.63	0.000000	0.08	914.10	672.89	0.01	0.01
Bayou Din	1	66959			Culvert										
Bayou Din	1	66925	50 yr	Existing	241.00	20.22	28.08	22.56	272.22	0.000013	0.47	973.53	687.55	0.04	0.04
Bayou Din	1	66925	50 yr	w Pond	39.00	20.22	27.99	21.11	264.82	0.000000	0.08	913.80	672.63	0.01	0.01
Bayou Din	1	66807.42	50 yr	Existing	241.00	21.07	28.08	22.88	268.14	0.000006	0.31	1309.31	602.77	0.03	0.03
Bayou Din	1	66807.42	50 yr	w Pond	39.00	21.07	27.99	21.81	261.89	0.000000	0.05	1256.94	589.12	0.00	0.00
Bayou Din	1	66313.46	50 yr	Existing	241.00	20.60	28.07	23.06	251.76	0.000005	0.30	1757.03	752.97	0.02	0.02
Bayou Din	1	66313.46	50 yr	w Pond	39.00	20.60	27.99	21.57	245.16	0.000000	0.05	1692.87	746.93	0.00	0.00
Bayou Din	1	66050	50 yr	Existing	241.00	20.19	28.07	22.17	234.83	0.000007	0.37	1291.21	669.92	0.03	0.03
Bayou Din	1	66050	50 yr	w Pond	39.00	20.19	27.99	20.89	228.71	0.000000	0.06	1236.46	665.11	0.01	0.01
Bayou Din	1	65980			Culvert										
Bayou Din	1	65823.99	50 yr	Existing	241.00	20.19	28.07	22.42	230.16	0.000007	0.35	1284.29	669.86	0.03	0.03
Bayou Din	1	65823.99	50 yr	w Pond	39.00	20.19	27.99	21.10	224.44	0.000000	0.06	1230.10	665.10	0.01	0.01
Bayou Din	1	65530	50 yr	Existing	241.00	19.82	28.07	22.09	221.41	0.000004	0.28	1307.91	528.63	0.02	0.02
Bayou Din	1	65530	50 yr	w Pond	39.00	19.82	27.99	20.66	216.02	0.000000	0.05	1266.09	518.57	0.00	0.00
Bayou Din	1	65427			Culvert										
Bayou Din	1	65314.24	50 yr	Existing	241.00	20.37	28.06	22.50	214.94	0.000005	0.28	1265.42	528.23	0.02	0.02
Bayou Din	1	65314.24	50 yr	w Pond	39.00	20.37	27.99	21.18	209.77	0.000000	0.05	1225.11	518.53	0.00	0.00

HEC-RAS Profile: 50 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	64856.31	50 yr	Existing	241.00	20.32	28.06	21.87	200.95	0.000004	0.26	1396.76	917.63	0.02	0.02
Bayou Din	1	64856.31	50 yr	w Pond	39.00	20.32	27.99	20.88	196.32	0.000000	0.04	1333.13	800.05	0.00	0.00
Bayou Din	1	64447.76	50 yr	Existing	241.00	20.27	28.06	21.87	167.05	0.000001	0.10	5831.16	2891.47	0.01	0.01
Bayou Din	1	64447.76	50 yr	w Pond	39.00	20.27	27.99	20.88	163.74	0.000000	0.02	5614.23	2888.51	0.00	0.00
Bayou Din	1	64300	50 yr	Existing	241.00	20.28	28.06	22.24	154.59	0.000005	0.32	1517.06	665.94	0.02	0.02
Bayou Din	1	64300	50 yr	w Pond	39.00	20.28	27.99	21.01	151.73	0.000000	0.05	1468.21	655.32	0.00	0.00
Bayou Din	1	64157			Culvert										
Bayou Din	1	64100	50 yr	Existing	241.00	20.28	28.03	21.36	144.45	0.000005	0.32	1493.00	660.73	0.03	0.03
Bayou Din	1	64100	50 yr	w Pond	39.00	20.28	27.99	20.31	141.85	0.000000	0.05	1467.25	655.11	0.00	0.00
Bayou Din	1	63916.87	50 yr	Existing	241.00	19.77	28.03	22.00	129.81	0.000001	0.11	5470.75	2575.25	0.01	0.01
Bayou Din	1	63916.87	50 yr	w Pond	39.00	19.77	27.99	20.63	127.48	0.000000	0.02	5369.04	2573.99	0.00	0.00
Bayou Din	1	63662			Culvert										
Bayou Din	1	63427.49	50 yr	Existing	241.00	19.69	28.03	21.36	65.26	0.000001	0.14	4146.32	1808.00	0.01	0.01
Bayou Din	1	63427.49	50 yr	w Pond	39.00	19.69	27.99	20.31	64.14	0.000000	0.02	4075.41	1806.47	0.00	0.00
Bayou Din	1	63300	50 yr	Existing	241.00	19.68	28.03	21.82	53.17	0.000001	0.14	4117.81	1807.99	0.01	0.01
Bayou Din	1	63300	50 yr	w Pond	39.00	19.68	27.99	20.47	52.25	0.000000	0.02	4047.09	1806.47	0.00	0.00
Bayou Din	1	63181			Culvert										
Bayou Din	1	63082	50 yr	Existing	241.00	19.65	28.02	21.82	29.18	0.000001	0.14	3853.04	1935.13	0.01	0.01
Bayou Din	1	63082	50 yr	w Pond	39.00	19.65	27.99	20.63	28.66	0.000000	0.02	3785.18	1932.77	0.00	0.00
Bayou Din	1	62930.99	50 yr	Existing	241.00	19.57	28.02	21.82	15.90	0.000001	0.15	3803.46	1935.12	0.01	0.01
Bayou Din	1	62930.99	50 yr	w Pond	39.00	19.57	27.99	20.63	15.62	0.000000	0.02	3735.93	1932.77	0.00	0.00
Bayou Din	1	62750	50 yr	Existing	241.00	19.62	28.02	21.82		0.000001	0.15	3852.10	1935.10	0.01	0.01
Bayou Din	1	62750	50 yr	w Pond	39.00	19.62	27.99	20.63		0.000000	0.02	3785.00	1932.77	0.00	0.00
Bayou Din	2	62561.74	50 yr	Existing	58.00	19.40	28.02	20.34	2649.41	0.000000	0.04	3542.16	1427.31	0.00	0.00
Bayou Din	2	62561.74	50 yr	w Pond	58.00	19.40	27.99	20.34	2646.53	0.000000	0.04	3492.51	1425.41	0.00	0.00
Bayou Din	2	62277.63	50 yr	Existing	58.00	19.46	28.02	20.34	2624.75	0.000000	0.04	4017.09	2042.56	0.00	0.00
Bayou Din	2	62277.63	50 yr	w Pond	58.00	19.46	27.99	20.34	2622.28	0.000000	0.04	3946.03	2040.40	0.00	0.00

HEC-RAS Profile: 50 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	61928.04	50 yr	Existing	58.00	19.36	28.02	20.41	2600.99	0.000000	0.07	1904.49	1005.94	0.00	0.00
Bayou Din	2	61928.04	50 yr	w Pond	58.00	19.36	27.99	20.41	2598.94	0.000000	0.07	1869.58	1000.05	0.01	0.01
Bayou Din	2	61429.98	50 yr	Existing	58.00	19.26	28.02	20.21	2583.60	0.000000	0.09	1136.94	499.39	0.01	0.01
Bayou Din	2	61429.98	50 yr	w Pond	58.00	19.26	27.99	20.21	2581.85	0.000000	0.09	1119.62	495.28	0.01	0.01
Bayou Din	2	60925.99	50 yr	Existing	58.00	19.28	28.02	19.99	2568.51	0.000000	0.07	1472.18	639.46	0.01	0.01
Bayou Din	2	60925.99	50 yr	w Pond	58.00	19.28	27.99	19.99	2566.99	0.000000	0.07	1450.01	634.37	0.01	0.01
Bayou Din	2	60700			Culvert										
Bayou Din	2	60555	50 yr	Existing	58.00	19.78	28.02	21.39	2555.46	0.000000	0.08	1773.06	905.21	0.01	0.01
Bayou Din	2	60555	50 yr	w Pond	58.00	19.78	27.98	21.39	2554.18	0.000000	0.08	1741.62	899.77	0.01	0.01
Bayou Din	2	60427.15	50 yr	Existing	58.00	20.00	28.02	21.39	2549.93	0.000000	0.05	1993.95	905.21	0.00	0.00
Bayou Din	2	60427.15	50 yr	w Pond	58.00	20.00	27.98	21.39	2548.74	0.000000	0.05	1982.51	899.77	0.00	0.00
Bayou Din	2	59899.06	50 yr	Existing	58.00	20.57	28.02	21.39	2533.39	0.000001	0.13	734.34	341.75	0.01	0.01
Bayou Din	2	59899.06	50 yr	w Pond	58.00	20.57	27.98	21.39	2532.46	0.000001	0.13	722.47	339.86	0.01	0.01
Bayou Din	2	59550			Culvert										
Bayou Din	2	59375.33	50 yr	Existing	138.00	20.59	27.75	21.78	2527.69	0.000001	0.11	2700.14	1109.09	0.01	0.01
Bayou Din	2	59375.33	50 yr	w Pond	138.00	20.59	27.71	21.78	2526.95	0.000001	0.11	2681.62	1102.47	0.01	0.01
Bayou Din	2	58759.73	50 yr	Existing	212.00	19.34	27.75	20.91	2486.92	0.000001	0.18	3070.23	1371.67	0.01	0.01
Bayou Din	2	58759.73	50 yr	w Pond	212.00	19.34	27.71	20.91	2486.69	0.000001	0.18	3022.64	1359.25	0.01	0.01
Bayou Din	2	58745			Culvert										
Bayou Din	2	58487.16	50 yr	Existing	212.00	20.09	27.71	21.32	2484.66	0.000001	0.13	3624.09	1320.17	0.01	0.01
Bayou Din	2	58487.16	50 yr	w Pond	212.00	20.09	27.71	21.32	2484.43	0.000001	0.13	3624.07	1320.17	0.01	0.01
Bayou Din	2	57974.63	50 yr	Existing	212.00	19.87	27.71	21.22	2435.30	0.000001	0.13	4765.47	2500.61	0.01	0.01
Bayou Din	2	57974.63	50 yr	w Pond	212.00	19.87	27.71	21.22	2435.07	0.000001	0.13	4765.43	2500.61	0.01	0.01
Bayou Din	2	56938.84	50 yr	Existing	212.00	19.41	27.70	21.22	2348.92	0.000001	0.17	2498.92	837.49	0.01	0.01
Bayou Din	2	56938.84	50 yr	w Pond	212.00	19.41	27.70	21.22	2348.69	0.000001	0.17	2498.90	837.48	0.01	0.01
Bayou Din	2	56444.11	50 yr	Existing	212.00	19.20	27.70	21.15	2313.42	0.000001	0.11	3752.16	1337.13	0.01	0.01
Bayou Din	2	56444.11	50 yr	w Pond	212.00	19.20	27.70	21.15	2313.19	0.000001	0.11	3752.14	1337.12	0.01	0.01
Bayou Din	2	55926.34	50 yr	Existing	212.00	18.97	27.70	20.79	2250.12	0.000000	0.07	6897.30	2070.52	0.00	0.00

HEC-RAS Profile: 50 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	55926.34	50 yr	w Pond	212.00	18.97	27.70	20.79	2249.90	0.000000	0.07	6897.27	2070.52	0.00
Bayou Din	2	55451.99	50 yr	Existing	212.00	18.76	27.70	20.55	2148.45	0.000000	0.05	11775.90	3688.34	0.00
Bayou Din	2	55451.99	50 yr	w Pond	212.00	18.76	27.70	20.55	2148.23	0.000000	0.05	11775.84	3688.34	0.00
Bayou Din	2	54951.57	50 yr	Existing	212.00	18.54	27.70	20.23	2053.63	0.000000	0.09	4732.38	1427.44	0.01
Bayou Din	2	54951.57	50 yr	w Pond	212.00	18.54	27.70	20.23	2053.41	0.000000	0.09	4732.35	1427.44	0.01
Bayou Din	2	54448.24	50 yr	Existing	212.00	18.32	27.70	20.14	1996.80	0.000000	0.10	5104.52	1618.55	0.01
Bayou Din	2	54448.24	50 yr	w Pond	212.00	18.32	27.70	20.14	1996.57	0.000000	0.10	5104.50	1618.54	0.01
Bayou Din	2	53948.20	50 yr	Existing	212.00	18.10	27.70	19.91	1938.08	0.000000	0.10	5125.57	1600.00	0.01
Bayou Din	2	53948.20	50 yr	w Pond	212.00	18.10	27.70	19.91	1937.86	0.000000	0.10	5125.54	1600.00	0.01
Bayou Din	2	53442.14	50 yr	Existing	212.00	17.88	27.70	19.69	1845.46	0.000000	0.06	10819.31	4034.91	0.00
Bayou Din	2	53442.14	50 yr	w Pond	212.00	17.88	27.70	19.69	1845.24	0.000000	0.06	10819.25	4034.91	0.00
Bayou Din	2	52941.59	50 yr	Existing	212.00	17.66	27.70	19.47	1717.76	0.000000	0.04	11405.76	4094.06	0.00
Bayou Din	2	52941.59	50 yr	w Pond	212.00	17.66	27.70	19.47	1717.54	0.000000	0.04	11405.70	4094.06	0.00
Bayou Din	2	52443.76	50 yr	Existing	212.00	17.44	27.70	19.25	1572.06	0.000000	0.05	14092.69	4803.80	0.00
Bayou Din	2	52443.76	50 yr	w Pond	212.00	17.44	27.70	19.25	1571.84	0.000000	0.05	14092.62	4803.80	0.00
Bayou Din	2	51942.64	50 yr	Existing	667.00	17.22	27.70	19.61	1402.71	0.000000	0.13	15348.99	4810.09	0.01
Bayou Din	2	51942.64	50 yr	w Pond	667.00	17.22	27.70	19.61	1402.49	0.000000	0.13	15348.92	4810.08	0.01
Bayou Din	2	51319.89	50 yr	Existing	667.00	14.00	27.70	18.54	1227.43	0.000001	0.21	9171.40	3405.80	0.02
Bayou Din	2	51319.89	50 yr	w Pond	667.00	14.00	27.70	18.54	1227.21	0.000001	0.21	9171.36	3405.78	0.02
Bayou Din	2	51250		Culvert										
Bayou Din	2	51070.13	50 yr	Existing	667.00	14.00	25.55		1217.83	0.000014	0.72	3287.15	2212.14	0.06
Bayou Din	2	51070.13	50 yr	w Pond	667.00	14.00	25.55		1217.61	0.000014	0.72	3287.12	2212.13	0.06
Bayou Din	2	50898.21	50 yr	Existing	667.00	14.50	25.55		1204.93	0.000009	0.64	3249.25	2047.68	0.05
Bayou Din	2	50898.21	50 yr	w Pond	667.00	14.50	25.55		1204.71	0.000009	0.64	3249.22	2047.68	0.05
Bayou Din	2	50386.33	50 yr	Existing	667.00	15.00	25.54		1166.94	0.000009	0.60	3216.89	1916.17	0.05
Bayou Din	2	50386.33	50 yr	w Pond	667.00	15.00	25.54		1166.72	0.000009	0.60	3216.86	1916.15	0.05
Bayou Din	2	49902.70	50 yr	Existing	667.00	15.20	25.54		1121.51	0.000003	0.38	4966.47	2549.08	0.03
Bayou Din	2	49902.70	50 yr	w Pond	667.00	15.20	25.54		1121.29	0.000003	0.38	4966.43	2549.04	0.03

HEC-RAS Profile: 50 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Cnl
Bayou Din	2	49386.54	50 yr	Existing	665.00	15.98	25.54	19.15	1055.81	0.000002	0.27	6123.17	2900.58	0.02
Bayou Din	2	49386.54	50 yr	w Pond	665.00	15.98	25.54	19.15	1055.59	0.000002	0.27	6123.13	2900.57	0.02
Bayou Din	2	48947.66	50 yr	Existing	665.00	15.08	25.54	19.03	987.30	0.000002	0.23	7475.48	4331.22	0.02
Bayou Din	2	48947.66	50 yr	w Pond	665.00	15.08	25.54	19.03	987.08	0.000002	0.23	7475.40	4331.19	0.02
Bayou Din	2	48800		Culvert										
Bayou Din	2	48720	50 yr	Existing	665.00	15.23	25.54	18.65	936.35	0.000002	0.29	7582.89	3714.47	0.02
Bayou Din	2	48720	50 yr	w Pond	665.00	15.23	25.54	18.65	936.13	0.000002	0.29	7582.83	3714.47	0.02
Bayou Din	2	48518.83	50 yr	Existing	659.00	15.39	25.54	18.82	901.36	0.000002	0.25	7576.61	3671.61	0.02
Bayou Din	2	48518.83	50 yr	w Pond	659.00	15.39	25.54	18.81	901.15	0.000002	0.25	7576.55	3671.61	0.02
Bayou Din	2	48346.11	50 yr	Existing	659.00	14.70	25.54	18.20	870.86	0.000002	0.30	7807.41	3645.57	0.02
Bayou Din	2	48346.11	50 yr	w Pond	659.00	14.70	25.54	18.19	870.65	0.000002	0.30	7807.35	3645.57	0.02
Bayou Din	2	47858.87	50 yr	Existing	659.00	14.35	25.54	17.89	789.47	0.000003	0.35	6747.02	3380.50	0.02
Bayou Din	2	47858.87	50 yr	w Pond	658.00	14.35	25.54	17.88	789.25	0.000003	0.35	6746.98	3380.50	0.02
Bayou Din	2	47378.08	50 yr	Existing	659.00	14.41	25.53	17.68	722.87	0.000002	0.28	5320.05	1906.74	0.02
Bayou Din	2	47378.08	50 yr	w Pond	658.00	14.41	25.53	17.68	722.65	0.000002	0.28	5320.04	1906.73	0.02
Bayou Din	2	46861.41	50 yr	Existing	659.00	14.42	25.53	18.05	664.94	0.000004	0.39	4448.03	1989.80	0.02
Bayou Din	2	46861.41	50 yr	w Pond	658.00	14.42	25.53	18.05	664.72	0.000004	0.39	4448.02	1989.80	0.02
Bayou Din	2	46307.45	50 yr	Existing	659.00	13.93	25.53	17.23	589.65	0.000001	0.22	7392.14	2948.96	0.01
Bayou Din	2	46307.45	50 yr	w Pond	658.00	13.93	25.53	17.23	589.44	0.000001	0.21	7392.14	2948.96	0.01
Bayou Din	2	46250		Culvert										
Bayou Din	2	46166.75	50 yr	Existing	603.00	14.70	25.53	17.77	571.72	0.000001	0.16	10574.94	4173.72	0.01
Bayou Din	2	46166.75	50 yr	w Pond	603.00	14.70	25.53	17.77	571.51	0.000001	0.16	10574.94	4173.72	0.01
Bayou Din	2	45778.50	50 yr	Existing	603.00	13.90	25.53	17.19	454.87	0.000000	0.12	15647.10	5667.09	0.01
Bayou Din	2	45778.50	50 yr	w Pond	603.00	13.90	25.53	17.19	454.65	0.000000	0.12	15647.10	5667.09	0.01
Bayou Din	2	45276.62	50 yr	Existing	603.00	13.82	25.53	16.79	327.42	0.000001	0.22	6475.75	2266.78	0.01
Bayou Din	2	45276.62	50 yr	w Pond	603.00	13.82	25.53	16.79	327.21	0.000001	0.22	6475.75	2266.78	0.01
Bayou Din	2	44778.96	50 yr	Existing	603.00	13.90	25.53	17.26	255.85	0.000002	0.26	6063.29	1940.29	0.02
Bayou Din	2	44778.96	50 yr	w Pond	603.00	13.90	25.53	17.26	255.64	0.000002	0.26	6063.29	1940.29	0.02

HEC-RAS Profile: 50 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit.W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	44272.49	50 yr	Existing	603.00	13.76	25.53	16.84	186.31	0.000001	0.24	5909.26	1821.12	0.01
Bayou Din	2	44272.49	50 yr	w Pond	603.00	13.76	25.53	16.84	186.09	0.000001	0.24	5909.26	1821.12	0.01
Bayou Din	2	43774.48	50 yr	Existing	603.00	13.21	25.53	16.66	112.90	0.000001	0.22	6932.76	1902.41	0.01
Bayou Din	2	43774.48	50 yr	w Pond	603.00	13.21	25.53	16.66	112.68	0.000001	0.22	6932.76	1902.41	0.01
Bayou Din	2	43720			Culvert									
Bayou Din	2	43600	50 yr	Existing	603.00	13.64	25.53	16.43	97.43	0.000002	0.29	7060.34	2850.10	0.02
Bayou Din	2	43600	50 yr	w Pond	603.00	13.64	25.53	16.43	97.22	0.000002	0.29	7060.34	2850.10	0.02
Bayou Din	2	43297.40	50 yr	Existing	470.00	13.23	25.53	16.30	52.13	0.000001	0.24	5983.67	2242.90	0.01
Bayou Din	2	43297.40	50 yr	w Pond	470.00	13.23	25.53	16.30	51.91	0.000001	0.24	5983.67	2242.90	0.01
Bayou Din	2	43200			Culvert									
Bayou Din	2	42925.20	50 yr	Existing	470.00	13.75	25.52	49.67	49.67	0.000001	0.20	5728.45	2334.49	0.01
Bayou Din	2	42925.20	50 yr	w Pond	470.00	13.75	25.52	49.45	49.45	0.000001	0.20	5728.45	2334.49	0.01
Bayou Din	2	42660.40	50 yr	Existing	470.00	13.54	25.52	16.18	3.66	0.000000	0.13	9406.82	2410.00	0.01
Bayou Din	2	42660.40	50 yr	w Pond	470.00	13.54	25.52	16.18	3.45	0.000000	0.13	9406.82	2410.00	0.01
Bayou Din	2	42444			Culvert									
Bayou Din	2	42229.05	50 yr	Existing	470.00	12.51	21.00	15.69	0.000024	0.000024	0.69	1588.06	853.88	0.05
Bayou Din	2	42229.05	50 yr	w Pond	470.00	12.51	21.00	15.69	0.000024	0.000024	0.69	1588.06	853.88	0.05

HEC-RAS Profile: 100 yr

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
D602-D	1	500	100 yr	Existing	543.00	19.53	24.73		2.43	0.000943	3.50	211.73	117.18	0.33	
D602-D	1	500	100 yr	w Pond	493.00	19.53	24.57		2.22	0.000943	3.39	193.57	113.98	0.32	
D602-D	1	0	100 yr	Existing	543.00	19.06	24.25	22.41		0.000948	3.50	211.25	117.10	0.33	
D602-D	1	0	100 yr	w Pond	493.00	19.06	24.09	22.25		0.000948	3.40	193.10	113.90	0.32	
Bayou Din	1	79717.28	100 yr	Existing	70.00	26.30	29.63	26.73	1239.74	0.000000	0.04	2315.34	1346.98	0.00	
Bayou Din	1	79717.28	100 yr	w Pond	70.00	26.30	28.61	26.73	898.32	0.000002	0.09	1015.25	1194.13	0.01	
Bayou Din	1	79282.63	100 yr	Existing	70.00	25.66	29.63	26.04	1216.68	0.000000	0.04	2305.85	1084.48	0.00	
Bayou Din	1	79282.63	100 yr	w Pond	70.00	25.66	28.61	26.04	846.86	0.000001	0.07	1282.28	862.91	0.01	
Bayou Din	1	78774.23	100 yr	Existing	70.00	24.78	29.63	25.23	1177.57	0.000000	0.02	4396.12	2243.58	0.00	
Bayou Din	1	78774.23	100 yr	w Pond	70.00	24.78	28.61	25.23	825.87	0.000000	0.04	2313.97	1470.48	0.00	
Bayou Din	1	78603.12	100 yr	Existing	70.00	24.60	29.63	25.13	1162.28	0.000000	0.03	3391.72	1359.80	0.00	
Bayou Din	1	78603.12	100 yr	w Pond	70.00	24.60	28.61	25.13	817.02	0.000000	0.04	2189.87	1091.90	0.00	
Bayou Din	1	78160.09	100 yr	Existing	70.00	25.75	29.63	26.51	1132.79	0.000000	0.04	2406.18	2401.08	0.00	
Bayou Din	1	78160.09	100 yr	w Pond	70.00	25.75	28.60	26.51	801.22	0.000001	0.09	918.29	662.21	0.01	
Bayou Din	1	77641.38	100 yr	Existing	70.00	25.75	29.63	26.72	1114.65	0.000003	0.13	641.56	443.70	0.02	
Bayou Din	1	77641.38	100 yr	w Pond	70.00	25.75	28.60	26.72	794.36	0.000048	0.35	233.89	341.35	0.06	
Bayou Din	1	77120.67	100 yr	Existing	70.00	25.41	29.63	26.51	1093.07	0.000000	0.04	2969.07	1909.89	0.00	
Bayou Din	1	77120.67	100 yr	w Pond	70.00	25.41	28.60	26.51	786.52	0.000002	0.12	1077.13	1745.41	0.02	
Bayou Din	1	76900			Culvert										
Bayou Din	1	76858.53	100 yr	Existing	70.00	25.23	29.62	26.05	1063.35	0.000000	0.03	3060.24	1707.62	0.00	
Bayou Din	1	76858.53	100 yr	w Pond	70.00	25.23	28.59	26.05	776.10	0.000001	0.09	1329.27	1642.38	0.01	
Bayou Din	1	76631.90	100 yr	Existing	70.00	25.05	29.62	25.49	1045.90	0.000000	0.03	3648.37	1615.59	0.00	
Bayou Din	1	76631.90	100 yr	w Pond	70.00	25.05	28.59	25.49	767.32	0.000000	0.05	2043.98	1517.29	0.01	
Bayou Din	1	76055.61	100 yr	Existing	70.00	24.90	29.62	25.39	987.50	0.000000	0.02	5180.03	2070.07	0.00	
Bayou Din	1	76055.61	100 yr	w Pond	70.00	24.90	28.59	25.39	732.93	0.000000	0.03	3155.59	1756.00	0.00	
Bayou Din	1	75678.38	100 yr	Existing	70.00	24.84	29.62	25.47	949.59	0.000000	0.03	3573.80	1402.85	0.00	
Bayou Din	1	75678.38	100 yr	w Pond	70.00	24.84	28.59	25.47	709.77	0.000000	0.04	2192.24	1259.31	0.00	
Bayou Din	1	75046.16	100 yr	Existing	265.00	24.70	29.62	26.61	913.01	0.000005	0.20	1466.56	865.64	0.02	
Bayou Din	1	75046.16	100 yr	w Pond	265.00	24.70	28.59	26.61	688.37	0.000034	0.33	756.48	578.86	0.05	

HEC-RAS Profile: 100\_yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	74548.44	100 yr	Existing	285.00	24.60	29.62	26.13	897.42	0.000006	0.25	1263.86	646.84	0.02	
Bayou Din	1	74548.44	100 yr	w Pond	285.00	24.60	28.88	26.13	679.94	0.000026	0.41	719.14	446.43	0.05	
Bayou Din	1	74355.75	100 yr	Existing	285.00	24.54	29.62	26.73	892.11	0.000008	0.34	1137.17	674.55	0.03	
Bayou Din	1	74355.75	100 yr	w Pond	285.00	24.54	28.57	26.73	676.96	0.000035	0.54	630.54	401.95	0.06	
Bayou Din	1	74165.54	100 yr	Existing	285.00	24.24	29.62	26.38	886.89	0.000007	0.34	1250.39	731.55	0.03	
Bayou Din	1	74165.54	100 yr	w Pond	285.00	24.24	28.56	26.38	674.08	0.000028	0.54	686.33	418.89	0.05	
Bayou Din	1	74062.63	100 yr	Existing	285.00	24.13	29.62	26.09	883.69	0.000005	0.30	1464.55	833.65	0.03	
Bayou Din	1	74062.63	100 yr	w Pond	285.00	24.13	28.56	26.09	672.41	0.000022	0.52	730.82	435.82	0.05	
Bayou Din	1	73964.53	100 yr	Existing	285.00	24.11	29.62	25.35	880.18	0.000003	0.22	1645.66	773.70	0.02	
Bayou Din	1	73964.53	100 yr	w Pond	285.00	24.11	28.56	25.35	670.49	0.000009	0.33	970.55	481.91	0.03	
Bayou Din	1	73863.84	100 yr	Existing	285.00	24.02	29.62	26.02	872.19	0.000000	0.08	5271.64	2643.93	0.01	
Bayou Din	1	73863.84	100 yr	w Pond	285.00	24.02	28.56	26.02	666.25	0.000003	0.16	2701.74	2077.01	0.02	
Bayou Din	1	73759.66	100 yr	Existing	285.00	23.92	29.62	26.60	859.38	0.000000	0.07	5438.10	2647.64	0.01	
Bayou Din	1	73759.66	100 yr	w Pond	285.00	23.92	28.56	26.60	659.68	0.000002	0.14	2789.48	2096.66	0.02	
Bayou Din	1	73665.78	100 yr	Existing	285.00	23.96	29.62	26.08	847.76	0.000000	0.07	5348.01	2601.12	0.01	
Bayou Din	1	73665.78	100 yr	w Pond	285.00	23.96	28.56	26.08	653.70	0.000002	0.15	2761.63	2107.11	0.02	
Bayou Din	1	73560.24	100 yr	Existing	285.00	23.91	29.62	25.80	834.65	0.000000	0.08	5469.91	2614.49	0.01	
Bayou Din	1	73560.24	100 yr	w Pond	285.00	23.91	28.56	25.80	646.97	0.000002	0.18	2794.94	2279.10	0.02	
Bayou Din	1	73063.72	100 yr	Existing	285.00	23.85	29.62	25.20	793.61	0.000002	0.16	1731.32	774.66	0.02	
Bayou Din	1	73063.72	100 yr	w Pond	285.00	23.85	28.56	25.20	625.12	0.000011	0.25	1039.40	521.70	0.03	
Bayou Din	1	72556.32	100 yr	Existing	285.00	23.72	29.62	26.42	760.88	0.000001	0.12	3888.33	2050.88	0.01	
Bayou Din	1	72556.32	100 yr	w Pond	285.00	23.72	28.55	26.42	608.43	0.000005	0.27	1826.27	1580.17	0.02	
Bayou Din	1	72067.34	100 yr	Existing	285.00	23.59	29.62	26.18	721.17	0.000001	0.12	3186.34	1486.20	0.01	
Bayou Din	1	72067.34	100 yr	w Pond	285.00	23.59	28.55	26.18	588.97	0.000006	0.26	1640.11	1342.37	0.03	
Bayou Din	1	71571.45	100 yr	Existing	285.00	23.13	29.62	25.73	653.90	0.000000	0.04	8632.06	3503.17	0.00	
Bayou Din	1	71571.45	100 yr	w Pond	285.00	23.13	28.55	25.73	552.00	0.000001	0.08	4856.06	3326.27	0.01	
Bayou Din	1	71066.99	100 yr	Existing	285.00	22.40	29.62	24.92	547.97	0.000000	0.04	9663.29	3593.03	0.00	
Bayou Din	1	71066.99	100 yr	w Pond	285.00	22.40	28.55	24.92	488.99	0.000000	0.07	6024.24	3247.67	0.01	

HEC-RAS Profile: 100 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Cntl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Cnl
Bayou Din	1	70810	100 yr	Existing	265.00	22.31	29.62	24.67	490.73	0.000000	0.06	9739.88	3593.03	0.00
Bayou Din	1	70810	100 yr	w Pond	265.00	22.31	28.55	24.67	453.23	0.000001	0.11	6100.47	3247.63	0.01
Bayou Din	1	70670	100 yr	Existing	265.00	22.27	29.62	24.71	459.46	0.000000	0.06	9720.62	3593.03	0.00
Bayou Din	1	70670	100 yr	w Pond	265.00	22.27	28.55	24.71	433.65	0.000001	0.11	6090.98	3247.61	0.01
Bayou Din	1	70556.44	100 yr	Existing	265.00	21.78	29.62	24.17	442.57	0.000001	0.13	3237.78	1548.98	0.01
Bayou Din	1	70556.44	100 yr	w Pond	265.00	21.78	28.55	24.17	423.42	0.000004	0.25	1772.70	1186.22	0.02
Bayou Din	1	70170	100 yr	Existing	265.00	21.46	28.61	24.23	412.58	0.000001	0.16	3521.17	1691.28	0.01
Bayou Din	1	70170	100 yr	w Pond	265.00	21.46	28.55	24.23	407.02	0.000006	0.28	1923.30	1339.89	0.03
Bayou Din	1	70105.22	100 yr	Existing	272.00	21.05	28.61	23.59	407.38	0.000001	0.13	3481.50	1691.28	0.01
Bayou Din	1	70105.22	100 yr	w Pond	42.00	21.05	28.55	21.91	404.19	0.000000	0.04	1884.19	1339.93	0.00
Bayou Din	1	70062		Culvert										
Bayou Din	1	69840	100 yr	Existing	272.00	20.38	28.43	22.94	495.37	0.000005	0.30	1615.52	1158.25	0.03
Bayou Din	1	69840	100 yr	w Pond	42.00	20.38	28.35	21.43	493.25	0.000000	0.05	1536.46	968.16	0.00
Bayou Din	1	69732.16	100 yr	Existing	272.00	19.97	28.43	22.35	401.32	0.000003	0.23	1660.86	1157.98	0.02
Bayou Din	1	69732.16	100 yr	w Pond	42.00	19.97	28.35	20.90	399.39	0.000000	0.04	1581.95	968.16	0.00
Bayou Din	1	69378		Culvert										
Bayou Din	1	69211.45	100 yr	Existing	272.00	20.11	28.41	22.61	380.80	0.000010	0.42	829.39	372.42	0.04
Bayou Din	1	69211.45	100 yr	w Pond	42.00	20.11	28.35	21.06	380.05	0.000000	0.07	807.87	365.01	0.01
Bayou Din	1	68957		Culvert										
Bayou Din	1	68835	100 yr	Existing	272.00	20.36	28.39	22.91	374.95	0.000014	0.52	1060.37	533.64	0.04
Bayou Din	1	68835	100 yr	w Pond	42.00	20.36	28.35	21.34	374.45	0.000000	0.08	1040.12	528.66	0.01
Bayou Din	1	68705.84	100 yr	Existing	272.00	20.91	28.39	23.33	371.85	0.000009	0.38	1035.86	533.56	0.03
Bayou Din	1	68705.84	100 yr	w Pond	42.00	20.91	28.35	21.81	371.40	0.000000	0.06	1015.93	528.66	0.01
Bayou Din	1	68464		Culvert										
Bayou Din	1	68330	100 yr	Existing	272.00	20.77	28.39	23.24	362.64	0.000011	0.39	1068.11	533.46	0.04
Bayou Din	1	68330	100 yr	w Pond	42.00	20.77	28.35	21.68	362.45	0.000000	0.06	1048.03	528.52	0.01
Bayou Din	1	68203.29	100 yr	Existing	272.00	20.67	28.39	23.16	359.18	0.000007	0.29	1308.40	813.68	0.03
Bayou Din	1	68203.29	100 yr	w Pond	42.00	20.67	28.35	21.57	359.06	0.000000	0.05	1278.21	798.16	0.00

Lawman

HEC-RAS Profile: 100 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	1	67781			Culvert									
Bayou Din	1	67685.54	100 yr	Existing	272.00	20.73	28.38	22.98	334.89	0.000008	0.37	1180.89	672.09	0.03
Bayou Din	1	67685.54	100 yr	w Pond	42.00	20.73	28.35	21.53	335.35	0.000000	0.06	1159.60	661.92	0.00
Bayou Din	1	67570			Culvert									
Bayou Din	1	67500	100 yr	Existing	272.00	20.43	28.37	22.96	329.13	0.000010	0.38	1225.27	668.73	0.03
Bayou Din	1	67500	100 yr	w Pond	42.00	20.43	28.35	21.45	329.69	0.000000	0.06	1210.79	661.80	0.01
Bayou Din	1	67325.24	100 yr	Existing	272.00	20.36	28.37	23.25	324.39	0.000015	0.45	1137.17	750.70	0.04
Bayou Din	1	67325.24	100 yr	w Pond	42.00	20.36	28.35	21.48	325.01	0.000000	0.07	1122.81	745.41	0.01
Bayou Din	1	67070	100 yr	Existing	272.00	20.22	28.37	22.71	318.39	0.000012	0.46	1181.88	749.86	0.04
Bayou Din	1	67070	100 yr	w Pond	42.00	20.22	28.35	21.14	319.09	0.000000	0.07	1169.75	745.39	0.01
Bayou Din	1	66959			Culvert									
Bayou Din	1	66925	100 yr	Existing	272.00	20.22	28.36	22.71	312.09	0.000012	0.46	1177.72	748.33	0.04
Bayou Din	1	66925	100 yr	w Pond	42.00	20.22	28.35	21.14	312.85	0.000000	0.07	1169.49	745.29	0.01
Bayou Din	1	66807.42	100 yr	Existing	272.00	21.07	28.36	22.99	308.48	0.000006	0.32	1496.46	692.39	0.03
Bayou Din	1	66807.42	100 yr	w Pond	42.00	21.07	28.35	21.84	309.26	0.000000	0.05	1488.97	690.83	0.00
Bayou Din	1	66313.46	100 yr	Existing	272.00	20.60	28.36	23.21	288.80	0.000004	0.30	1974.42	774.97	0.02
Bayou Din	1	66313.46	100 yr	w Pond	42.00	20.60	28.35	21.61	289.66	0.000000	0.05	1967.66	774.30	0.00
Bayou Din	1	66050	100 yr	Existing	272.00	20.19	28.36	22.31	269.36	0.000006	0.37	1486.14	708.33	0.03
Bayou Din	1	66050	100 yr	w Pond	42.00	20.19	28.35	20.92	270.28	0.000000	0.06	1482.33	707.99	0.00
Bayou Din	1	65980			Culvert									
Bayou Din	1	65823.99	100 yr	Existing	272.00	20.19	28.35	22.56	264.17	0.000007	0.36	1474.91	707.86	0.03
Bayou Din	1	65823.99	100 yr	w Pond	42.00	20.19	28.35	21.13	265.09	0.000000	0.05	1475.93	707.97	0.00
Bayou Din	1	65530	100 yr	Existing	272.00	19.82	28.35	22.23	254.26	0.000004	0.29	1461.22	578.53	0.02
Bayou Din	1	65530	100 yr	w Pond	42.00	19.82	28.35	20.70	255.18	0.000000	0.04	1462.84	579.39	0.00
Bayou Din	1	65427			Culvert									
Bayou Din	1	65314.24	100 yr	Existing	272.00	20.37	28.35	22.64	246.97	0.000005	0.29	1419.59	578.09	0.02
Bayou Din	1	65314.24	100 yr	w Pond	42.00	20.37	28.35	21.21	247.89	0.000000	0.04	1421.82	579.26	0.00

HEC-RAS Profile: 100 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	1	64856.31	100 yr	Existing	272.00	20.32	28.34	21.98	230.73	0.000004	0.27	1670.12	992.64	0.02
Bayou Din	1	64856.31	100 yr	w Pond	42.00	20.32	28.35	20.90	231.60	0.000000	0.04	1675.88	992.90	0.00
Bayou Din	1	64447.76	100 yr	Existing	272.00	20.27	28.34	22.38	191.75	0.000000	0.10	6643.41	2896.44	0.01
Bayou Din	1	64447.76	100 yr	w Pond	42.00	20.27	28.35	21.04	192.51	0.000000	0.01	6659.77	2896.53	0.00
Bayou Din	1	64300	100 yr	Existing	272.00	20.28	28.34	22.38	177.58	0.000005	0.33	1709.78	708.91	0.02
Bayou Din	1	64300	100 yr	w Pond	42.00	20.28	28.35	21.04	178.31	0.000000	0.05	1714.57	710.07	0.00
Bayou Din	1	64157		Culvert										
Bayou Din	1	64100	100 yr	Existing	272.00	20.28	28.34	22.38	166.01	0.000005	0.33	1708.02	708.49	0.02
Bayou Din	1	64100	100 yr	w Pond	42.00	20.28	28.35	20.66	166.70	0.000000	0.05	1714.53	710.06	0.00
Bayou Din	1	63916.87	100 yr	Existing	272.00	19.77	28.34	22.14	149.21	0.000001	0.10	6282.33	2587.85	0.01
Bayou Din	1	63916.87	100 yr	w Pond	42.00	19.77	28.35	20.66	149.84	0.000000	0.02	6305.07	2588.37	0.00
Bayou Din	1	63662		Culvert										
Bayou Din	1	63427.49	100 yr	Existing	272.00	19.69	28.34	21.47	75.03	0.000001	0.13	4714.14	1817.81	0.01
Bayou Din	1	63427.49	100 yr	w Pond	42.00	19.69	28.35	20.34	75.37	0.000000	0.02	4733.36	1818.05	0.00
Bayou Din	1	63300	100 yr	Existing	272.00	19.68	28.34	21.95	61.28	0.000001	0.14	4686.94	1826.99	0.01
Bayou Din	1	63300	100 yr	w Pond	42.00	19.68	28.35	20.51	61.56	0.000000	0.02	4706.42	1827.23	0.00
Bayou Din	1	63181		Culvert										
Bayou Din	1	63082	100 yr	Existing	272.00	19.65	28.34	21.47	33.86	0.000001	0.13	4468.11	1953.35	0.01
Bayou Din	1	63082	100 yr	w Pond	42.00	19.65	28.35	20.34	34.03	0.000000	0.02	4489.73	1955.28	0.00
Bayou Din	1	62930.99	100 yr	Existing	272.00	19.57	28.34	21.95	18.46	0.000001	0.14	4418.58	1953.33	0.01
Bayou Din	1	62930.99	100 yr	w Pond	42.00	19.57	28.35	20.51	18.55	0.000000	0.02	4440.48	1955.28	0.00
Bayou Din	1	62750	100 yr	Existing	272.00	19.62	28.34	21.47	0.00	0.000001	0.14	4467.29	1953.29	0.01
Bayou Din	1	62750	100 yr	w Pond	42.00	19.62	28.35	20.34	0.00	0.000000	0.02	4489.55	1955.28	0.00
Bayou Din	2	62561.74	100 yr	Existing	58.00	19.40	28.34	20.34	2903.72	0.000000	0.03	3998.13	1465.06	0.00
Bayou Din	2	62561.74	100 yr	w Pond	58.00	19.40	28.35	20.34	2908.61	0.000000	0.03	4014.69	1466.60	0.00
Bayou Din	2	62277.63	100 yr	Existing	58.00	19.46	28.34	20.34	2875.47	0.000000	0.03	4665.26	2047.78	0.00
Bayou Din	2	62277.63	100 yr	w Pond	58.00	19.46	28.35	20.34	2880.23	0.000000	0.03	4688.39	2047.90	0.00

*Durston  
MS*

HEC-RAS Profile: 100 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	61928.04	100 yr	Existing	58.00	19.36	28.34	20.41	2847.71	0.000000	0.06	2253.12	1216.01	0.00	0.00
Bayou Din	2	61928.04	100 yr	w Pond	58.00	19.36	28.35	20.41	2852.32	0.000000	0.06	2266.95	1231.03	0.00	0.00
Bayou Din	2	61429.98	100 yr	Existing	58.00	19.26	28.34	20.21	2827.39	0.000000	0.08	1300.91	537.21	0.01	0.01
Bayou Din	2	61429.98	100 yr	w Pond	58.00	19.26	28.35	20.21	2831.89	0.000000	0.08	1306.99	540.32	0.01	0.01
Bayou Din	2	60925.99	100 yr	Existing	58.00	19.28	28.34	19.99	2810.13	0.000000	0.06	1682.93	695.13	0.00	0.00
Bayou Din	2	60925.99	100 yr	w Pond	58.00	19.28	28.35	19.99	2814.55	0.000000	0.06	1690.79	697.77	0.00	0.00
Bayou Din	2	60700		Culvert											
Bayou Din	2	60555	100 yr	Existing	58.00	19.78	28.34		2794.77	0.000000	0.07	2088.11	958.95	0.00	0.00
Bayou Din	2	60555	100 yr	w Pond	58.00	19.78	28.35		2799.11	0.000000	0.07	2079.33	964.04	0.00	0.00
Bayou Din	2	60427.15	100 yr	Existing	58.00	20.00	28.34		2785.38	0.000000	0.04	2289.00	958.95	0.00	0.00
Bayou Din	2	60427.15	100 yr	w Pond	58.00	20.00	28.35		2792.68	0.000000	0.04	2300.22	964.04	0.00	0.00
Bayou Din	2	59899.06	100 yr	Existing	58.00	20.57	28.34	21.39	2769.32	0.000001	0.11	855.55	440.45	0.01	0.01
Bayou Din	2	59899.06	100 yr	w Pond	58.00	20.57	28.35	21.39	2773.52	0.000001	0.11	860.72	444.56	0.01	0.01
Bayou Din	2	59550		Culvert											
Bayou Din	2	59375.33	100 yr	Existing	151.00	20.59	28.06	21.83	2762.71	0.000001	0.11	3059.96	1159.93	0.01	0.01
Bayou Din	2	59375.33	100 yr	w Pond	151.00	20.59	28.07	21.83	2766.88	0.000000	0.11	3073.51	1161.54	0.01	0.01
Bayou Din	2	58759.73	100 yr	Existing	235.00	19.34	28.06	21.00	2716.05	0.000001	0.17	3544.24	1593.13	0.01	0.01
Bayou Din	2	58759.73	100 yr	w Pond	234.00	19.34	28.07	21.00	2719.98	0.000001	0.17	3562.89	1597.42	0.01	0.01
Bayou Din	2	58745		Culvert											
Bayou Din	2	58487.16	100 yr	Existing	235.00	20.09	28.06	21.39	2713.28	0.000001	0.13	4102.14	1359.82	0.01	0.01
Bayou Din	2	58487.16	100 yr	w Pond	234.00	20.09	28.07	21.39	2717.20	0.000001	0.13	4114.65	1360.77	0.01	0.01
Bayou Din	2	57974.63	100 yr	Existing	235.00	19.87	28.06		2655.86	0.000000	0.11	5658.96	2512.03	0.01	0.01
Bayou Din	2	57974.63	100 yr	w Pond	234.00	19.87	28.07		2659.57	0.000000	0.11	5682.09	2512.42	0.01	0.01
Bayou Din	2	56938.84	100 yr	Existing	235.00	19.41	28.06	21.33	2555.08	0.000001	0.17	2817.55	966.02	0.01	0.01
Bayou Din	2	56938.84	100 yr	w Pond	234.00	19.41	28.07	21.32	2558.41	0.000001	0.17	2826.49	972.79	0.01	0.01
Bayou Din	2	56444.11	100 yr	Existing	235.00	19.20	28.06	21.22	2514.92	0.000000	0.11	4253.40	1457.03	0.01	0.01
Bayou Din	2	56444.11	100 yr	w Pond	234.00	19.20	28.07	21.23	2518.13	0.000000	0.11	4266.85	1458.01	0.01	0.01
Bayou Din	2	55926.34	100 yr	Existing	235.00	18.97	28.06	20.86	2444.19	0.000000	0.07	7647.73	2129.62	0.00	0.00

*Chalmer*

HEC-RAS Profile: 100 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	55926.34	100 yr	w Pond	234.00	18.97	28.07	20.86	2447.20	0.000000	0.07	7667.39	2130.58		0.00
Bayou Din	2	55451.99	100 yr	Existing	235.00	18.76	28.06	20.65	2331.18	0.000000	0.04	13108.49	3777.58		0.00
Bayou Din	2	55451.99	100 yr	w Pond	234.00	18.76	28.07	20.64	2333.89	0.000000	0.04	13143.36	3780.91		0.00
Bayou Din	2	54951.57	100 yr	Existing	235.00	18.54	28.06	20.31	2225.75	0.000000	0.09	5246.84	1444.90		0.01
Bayou Din	2	54951.57	100 yr	w Pond	234.00	18.54	28.07	20.31	2228.18	0.000000	0.09	5260.18	1444.90		0.01
Bayou Din	2	54448.24	100 yr	Existing	235.00	18.32	28.06	20.24	2162.49	0.000000	0.10	5702.78	1697.96		0.01
Bayou Din	2	54448.24	100 yr	w Pond	234.00	18.32	28.07	20.23	2164.75	0.000000	0.10	5718.45	1697.96		0.01
Bayou Din	2	53948.20	100 yr	Existing	235.00	18.10	28.06	20.01	2097.06	0.000000	0.10	5696.31	1600.00		0.01
Bayou Din	2	53948.20	100 yr	w Pond	234.00	18.10	28.07	20.01	2099.15	0.000000	0.10	5711.09	1600.00		0.01
Bayou Din	2	53442.14	100 yr	Existing	235.00	17.88	28.06	19.79	1992.70	0.000000	0.05	12269.65	4142.16		0.00
Bayou Din	2	53442.14	100 yr	w Pond	234.00	17.88	28.07	19.79	1994.48	0.000000	0.05	12307.94	4148.21		0.00
Bayou Din	2	52941.59	100 yr	Existing	235.00	17.66	28.06	19.57	1848.18	0.000000	0.04	12883.01	4203.81		0.00
Bayou Din	2	52941.59	100 yr	w Pond	234.00	17.66	28.07	19.57	1849.52	0.000000	0.04	12921.87	4206.75		0.00
Bayou Din	2	52443.76	100 yr	Existing	235.00	17.44	28.06	19.36	1684.23	0.000000	0.04	15809.44	4821.08		0.00
Bayou Din	2	52443.76	100 yr	w Pond	234.00	17.44	28.07	19.35	1685.09	0.000000	0.04	15853.98	4821.53		0.00
Bayou Din	2	51942.64	100 yr	Existing	743.00	17.22	28.06	19.76	1494.94	0.000000	0.13	17097.54	4915.58		0.01
Bayou Din	2	51942.64	100 yr	w Pond	743.00	17.22	28.07	19.76	1495.28	0.000000	0.13	17142.97	4915.94		0.01
Bayou Din	2	51319.89	100 yr	Existing	743.00	14.00	28.06	18.81	1298.20	0.000001	0.21	10426.24	3548.21		0.02
Bayou Din	2	51319.89	100 yr	w Pond	743.00	14.00	28.07	18.81	1297.98	0.000001	0.21	10459.04	3548.69		0.02
Bayou Din	2	51250		Culvert											
Bayou Din	2	51070.13	100 yr	Existing	743.00	14.00	25.61		1287.14	0.000016	0.76	3421.22	2227.79		0.06
Bayou Din	2	51070.13	100 yr	w Pond	743.00	14.00	25.61		1286.89	0.000016	0.76	3420.68	2227.72		0.06
Bayou Din	2	50898.21	100 yr	Existing	743.00	14.50	25.61		1273.73	0.000016	0.69	3372.33	2057.19		0.05
Bayou Din	2	50898.21	100 yr	w Pond	743.00	14.50	25.61		1273.49	0.000016	0.69	3371.83	2057.15		0.05
Bayou Din	2	50386.33	100 yr	Existing	743.00	15.00	25.60		1234.34	0.000011	0.65	3332.22	1970.67		0.05
Bayou Din	2	50386.33	100 yr	w Pond	743.00	15.00	25.60		1234.10	0.000011	0.65	3331.73	1970.36		0.05
Bayou Din	2	49902.70	100 yr	Existing	743.00	15.20	25.60		1187.40	0.000004	0.42	5122.94	2744.05		0.03
Bayou Din	2	49902.70	100 yr	w Pond	743.00	15.20	25.60		1187.17	0.000004	0.42	5122.27	2743.28		0.03

Fielding

HEC-RAS Profile: 100 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	49386.54	100 yr	Existing	704.00	15.98	25.60	19.25	1119.74	0.000002	0.28	6296.50	2972.08	0.02
Bayou Din	2	49386.54	100 yr	w Pond	703.00	15.98	25.60	19.25	1119.52	0.000002	0.28	6295.77	2971.81	0.02
Bayou Din	2	48947.66	100 yr	Existing	704.00	15.08	25.60	19.14	1049.07	0.000002	0.24	7732.99	4383.48	0.02
Bayou Din	2	48947.66	100 yr	w Pond	703.00	15.08	25.60	19.14	1048.86	0.000002	0.24	7731.93	4383.34	0.02
Bayou Din	2	48800		Culvert										
Bayou Din	2	48720	100 yr	Existing	704.00	15.23	25.60	18.84	996.18	0.000002	0.29	7805.13	3716.36	0.02
Bayou Din	2	48720	100 yr	w Pond	703.00	15.23	25.60	18.84	995.97	0.000002	0.29	7805.07	3716.36	0.02
Bayou Din	2	48518.83	100 yr	Existing	699.00	15.39	25.60	18.90	960.18	0.000002	0.26	7796.22	3673.50	0.02
Bayou Din	2	48518.83	100 yr	w Pond	698.00	15.39	25.60	18.91	959.97	0.000002	0.26	7796.16	3673.50	0.02
Bayou Din	2	48346.11	100 yr	Existing	699.00	14.70	25.60	18.29	928.81	0.000002	0.31	8025.43	3648.18	0.02
Bayou Din	2	48346.11	100 yr	w Pond	698.00	14.70	25.60	18.29	928.60	0.000002	0.31	8025.37	3648.18	0.02
Bayou Din	2	47858.87	100 yr	Existing	699.00	14.35	25.59	17.99	845.06	0.000003	0.36	6949.27	3391.33	0.02
Bayou Din	2	47858.87	100 yr	w Pond	698.00	14.35	25.59	17.98	844.85	0.000003	0.36	6949.23	3391.33	0.02
Bayou Din	2	47378.08	100 yr	Existing	699.00	14.41	25.59	17.76	776.72	0.000002	0.29	5433.89	1911.12	0.02
Bayou Din	2	47378.08	100 yr	w Pond	698.00	14.41	25.59	17.76	776.51	0.000002	0.29	5433.87	1911.11	0.02
Bayou Din	2	46861.41	100 yr	Existing	699.00	14.42	25.59	18.14	717.41	0.000004	0.41	4566.47	1989.80	0.03
Bayou Din	2	46861.41	100 yr	w Pond	698.00	14.42	25.59	18.14	717.20	0.000004	0.40	4566.46	1989.80	0.03
Bayou Din	2	46307.45	100 yr	Existing	699.00	13.93	25.59	17.33	613.45	0.000001	0.15	11783.44	4190.66	0.01
Bayou Din	2	46307.45	100 yr	w Pond	698.00	13.93	25.59	17.33	613.24	0.000001	0.15	11783.43	4190.66	0.01
Bayou Din	2	46250		Culvert										
Bayou Din	2	46166.75	100 yr	Existing	694.00	14.70	25.59	18.01	584.42	0.000001	0.17	10825.58	4173.72	0.01
Bayou Din	2	46166.75	100 yr	w Pond	694.00	14.70	25.59	18.01	584.21	0.000001	0.17	10825.58	4173.72	0.01
Bayou Din	2	45778.50	100 yr	Existing	694.00	13.90	25.59	17.43	464.93	0.000000	0.13	15987.25	5667.09	0.01
Bayou Din	2	45778.50	100 yr	w Pond	694.00	13.90	25.59	17.43	464.72	0.000000	0.13	15987.25	5667.09	0.01
Bayou Din	2	45276.62	100 yr	Existing	694.00	13.82	25.59	16.98	334.74	0.000002	0.24	6611.47	2266.78	0.02
Bayou Din	2	45276.62	100 yr	w Pond	694.00	13.82	25.59	16.98	334.54	0.000002	0.24	6611.47	2266.78	0.02
Bayou Din	2	44778.96	100 yr	Existing	694.00	13.90	25.59	17.48	261.74	0.000002	0.29	6169.54	1955.97	0.02
Bayou Din	2	44778.96	100 yr	w Pond	694.00	13.90	25.59	17.48	261.53	0.000002	0.29	6169.54	1955.97	0.02

HEC-RAS Profile: 100 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	44272.49	100 yr	Existing	684.00	13.76	25.59	17.04	190.88	0.000002	0.27	6017.77	1823.86	0.02
Bayou Din	2	44272.49	100 yr	w Pond	684.00	13.76	25.59	17.04	190.68	0.000002	0.27	6017.77	1823.86	0.02
Bayou Din	2	43774.48	100 yr	Existing	684.00	13.21	25.59	16.90	116.21	0.000001	0.24	7045.80	1902.41	0.01
Bayou Din	2	43774.48	100 yr	w Pond	684.00	13.21	25.59	16.90	116.00	0.000001	0.24	7045.80	1902.41	0.01
Bayou Din	2	43720		Culvert										
Bayou Din	2	43600	100 yr	Existing	684.00	13.64	25.59	16.63	100.41	0.000002	0.32	7235.23	2860.76	0.02
Bayou Din	2	43600	100 yr	w Pond	684.00	13.64	25.59	16.63	100.21	0.000002	0.32	7235.23	2860.76	0.02
Bayou Din	2	43297.40	100 yr	Existing	527.00	13.23	25.59	16.48	54.02	0.000001	0.26	6121.23	2253.55	0.01
Bayou Din	2	43297.40	100 yr	w Pond	527.00	13.23	25.59	16.48	53.81	0.000001	0.26	6121.23	2253.55	0.01
Bayou Din	2	43200		Culvert										
Bayou Din	2	42925.20	100 yr	Existing	527.00	13.75	25.58	15.49	51.49	0.000001	0.22	5884.55	2357.42	0.01
Bayou Din	2	42925.20	100 yr	w Pond	527.00	13.75	25.58	15.49	51.28	0.000001	0.22	5884.55	2357.42	0.01
Bayou Din	2	42660.40	100 yr	Existing	527.00	13.54	25.58	16.34	4.65	0.000000	0.15	9546.63	2410.00	0.01
Bayou Din	2	42660.40	100 yr	w Pond	527.00	13.54	25.58	16.34	4.44	0.000000	0.15	9546.63	2410.00	0.01
Bayou Din	2	42444		Culvert										
Bayou Din	2	42229.05	100 yr	Existing	527.00	12.51	21.25	15.87	1809.21	0.000022	0.69	1809.21	915.29	0.05
Bayou Din	2	42229.05	100 yr	w Pond	527.00	12.51	21.25	15.87	1809.21	0.000022	0.69	1809.21	915.29	0.05

HEC-RAS Profile: 500 yr

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
D602-D	1	500	500 yr	Existing	663.00	19.53	25.12	25.12	2.98	0.000944	3.75	260.10	125.31	0.33	
D602-D	1	500	500 yr	w Pond	630.00	19.53	24.98		2.78	0.000944	3.66	242.16	122.36	0.33	
D602-D	1	0	500 yr	Existing	663.00	19.06	24.65	22.79		0.000947	3.76	259.64	125.24	0.33	
D602-D	1	0	500 yr	w Pond	630.00	19.06	24.51	22.64		0.000948	3.67	241.70	122.28	0.33	
Bayou Din	1	79717.28	500 yr	Existing	80.00	26.30	29.62	26.77	1248.37	0.000006	0.04	2304.73	1345.62	0.00	
Bayou Din	1	79717.28	500 yr	w Pond	80.00	26.30	28.70	26.77	894.29	0.000002	0.09	1132.29	1222.23	0.01	
Bayou Din	1	79282.63	500 yr	Existing	80.00	25.66	29.62	26.07	1225.41	0.000000	0.05	2297.29	1084.02	0.00	
Bayou Din	1	79282.63	500 yr	w Pond	80.00	25.66	28.70	26.07	881.81	0.000001	0.08	1367.48	898.85	0.01	
Bayou Din	1	78774.23	500 yr	Existing	80.00	24.78	29.62	25.25	1186.45	0.000000	0.03	4378.38	2242.04	0.00	
Bayou Din	1	78774.23	500 yr	w Pond	80.00	24.78	28.70	25.25	859.47	0.000000	0.05	2461.59	1634.01	0.00	
Bayou Din	1	78603.12	500 yr	Existing	80.00	24.60	29.62	25.17	1171.21	0.000000	0.03	3381.03	1346.19	0.00	
Bayou Din	1	78603.12	500 yr	w Pond	80.00	24.60	28.70	25.17	850.12	0.000000	0.05	2296.10	1100.72	0.00	
Bayou Din	1	78160.09	500 yr	Existing	80.00	25.75	29.62	26.54	1141.88	0.000000	0.05	2387.18	2392.95	0.01	
Bayou Din	1	78160.09	500 yr	w Pond	80.00	25.75	28.70	26.54	833.45	0.000001	0.10	983.32	687.80	0.01	
Bayou Din	1	77641.38	500 yr	Existing	80.00	25.75	29.62	26.78	1123.87	0.000003	0.15	637.99	441.12	0.02	
Bayou Din	1	77641.38	500 yr	w Pond	80.00	25.75	28.70	26.78	826.00	0.000043	0.35	267.58	354.62	0.06	
Bayou Din	1	77120.67	500 yr	Existing	80.00	25.41	29.62	26.58	1102.40	0.000000	0.04	2953.65	1908.24	0.00	
Bayou Din	1	77120.67	500 yr	w Pond	80.00	25.41	28.70	26.58	816.93	0.000002	0.11	1249.60	1801.59	0.01	
Bayou Din	1	76900			Culvert										
Bayou Din	1	76658.53	500 yr	Existing	80.00	25.23	29.62	26.10	1072.84	0.000000	0.04	3046.42	1707.32	0.00	
Bayou Din	1	76658.53	500 yr	w Pond	80.00	25.23	28.70	26.10	804.71	0.000001	0.09	1497.02	1651.08	0.01	
Bayou Din	1	76631.90	500 yr	Existing	80.00	25.05	29.62	25.53	1055.46	0.000000	0.03	3635.30	1611.51	0.00	
Bayou Din	1	76631.90	500 yr	w Pond	80.00	25.05	28.70	25.53	795.09	0.000000	0.06	2198.86	1523.56	0.01	
Bayou Din	1	76055.61	500 yr	Existing	80.00	24.90	29.62	25.43	997.25	0.000000	0.02	5163.26	2069.04	0.00	
Bayou Din	1	76055.61	500 yr	w Pond	80.00	24.90	28.70	25.43	758.47	0.000000	0.03	3338.09	1838.85	0.00	
Bayou Din	1	75678.38	500 yr	Existing	80.00	24.84	29.62	25.52	959.47	0.000000	0.03	3562.44	1400.03	0.00	
Bayou Din	1	75678.38	500 yr	w Pond	80.00	24.84	28.70	25.52	733.96	0.000000	0.05	2321.58	1283.95	0.00	
Bayou Din	1	75046.16	500 yr	Existing	328.00	24.70	29.62	26.66	923.03	0.000008	0.24	1459.13	860.84	0.03	
Bayou Din	1	75046.16	500 yr	w Pond	328.00	24.70	28.69	26.66	711.20	0.000041	0.38	815.51	592.71	0.06	

HEC-RAS Profile: 500 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnt (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	74548.44	500 yr	Existing	328.00	24.60	29.61	26.26	907.51	0.000009	0.30	1257.25	641.73	0.03	0.03
Bayou Din	1	74548.44	500 yr	w Pond	328.00	24.60	28.87	26.26	702.18	0.000034	0.48	762.64	453.34	0.06	0.06
Bayou Din	1	74355.75	500 yr	Existing	328.00	24.54	29.61	26.84	902.23	0.000013	0.42	1129.72	666.53	0.04	0.04
Bayou Din	1	74355.75	500 yr	w Pond	328.00	24.54	28.66	26.84	699.01	0.000045	0.63	668.79	406.05	0.07	0.07
Bayou Din	1	74165.54	500 yr	Existing	328.00	24.24	29.61	26.92	897.05	0.000012	0.42	1241.70	727.89	0.04	0.04
Bayou Din	1	74165.54	500 yr	w Pond	328.00	24.24	28.66	26.92	695.97	0.000037	0.63	725.93	432.98	0.06	0.06
Bayou Din	1	74062.63	500 yr	Existing	328.00	24.13	29.61	26.22	893.87	0.000008	0.38	1454.39	832.97	0.03	0.03
Bayou Din	1	74062.63	500 yr	w Pond	328.00	24.13	28.65	26.22	694.20	0.000031	0.63	774.97	525.35	0.06	0.06
Bayou Din	1	73964.53	500 yr	Existing	328.00	24.11	29.60	25.46	890.39	0.000005	0.28	1636.13	772.02	0.02	0.02
Bayou Din	1	73964.53	500 yr	w Pond	328.00	24.11	28.65	25.46	692.18	0.000013	0.40	1016.69	533.34	0.04	0.04
Bayou Din	1	73863.84	500 yr	Existing	328.00	24.02	29.61	26.42	882.44	0.000001	0.10	5239.40	2643.55	0.01	0.01
Bayou Din	1	73863.84	500 yr	w Pond	328.00	24.02	28.65	26.42	687.66	0.000003	0.18	2893.77	2095.39	0.02	0.02
Bayou Din	1	73759.66	500 yr	Existing	328.00	23.92	29.61	26.65	869.71	0.000001	0.09	5405.77	2647.06	0.01	0.01
Bayou Din	1	73759.66	500 yr	w Pond	328.00	23.92	28.65	26.65	680.63	0.000003	0.16	2984.49	2191.10	0.02	0.02
Bayou Din	1	73665.76	500 yr	Existing	328.00	23.96	29.61	26.28	858.16	0.000001	0.09	5316.20	2600.13	0.01	0.01
Bayou Din	1	73665.76	500 yr	w Pond	328.00	23.96	28.65	26.28	674.23	0.000003	0.17	2957.22	2163.33	0.02	0.02
Bayou Din	1	73560.24	500 yr	Existing	328.00	23.91	29.61	26.06	845.13	0.000001	0.10	5437.87	2613.78	0.01	0.01
Bayou Din	1	73560.24	500 yr	w Pond	328.00	23.91	28.65	26.06	667.00	0.000003	0.21	3006.84	2326.76	0.02	0.02
Bayou Din	1	73063.72	500 yr	Existing	328.00	23.85	29.60	25.32	804.33	0.000004	0.20	1721.52	773.66	0.02	0.02
Bayou Din	1	73063.72	500 yr	w Pond	328.00	23.85	28.65	25.32	643.67	0.000014	0.30	1087.10	527.79	0.04	0.04
Bayou Din	1	72556.32	500 yr	Existing	328.00	23.72	29.60	26.49	771.81	0.000001	0.15	3861.86	2049.19	0.01	0.01
Bayou Din	1	72556.32	500 yr	w Pond	328.00	23.72	28.64	26.49	625.85	0.000007	0.31	1973.02	1681.36	0.03	0.03
Bayou Din	1	72067.34	500 yr	Existing	328.00	23.59	29.60	26.28	732.36	0.000001	0.15	3166.75	1485.88	0.01	0.01
Bayou Din	1	72067.34	500 yr	w Pond	328.00	23.59	28.64	26.28	604.89	0.000008	0.29	1760.85	1365.99	0.03	0.03
Bayou Din	1	71571.45	500 yr	Existing	328.00	23.13	29.60	25.86	665.49	0.000000	0.05	8581.85	3798.04	0.00	0.00
Bayou Din	1	71571.45	500 yr	w Pond	328.00	23.13	28.64	25.86	565.53	0.000001	0.09	5153.42	3350.83	0.01	0.01
Bayou Din	1	71066.99	500 yr	Existing	328.00	22.40	29.60	25.48	560.12	0.000000	0.05	9615.74	3591.82	0.00	0.00
Bayou Din	1	71066.99	500 yr	w Pond	328.00	22.40	28.64	25.48	499.13	0.000000	0.08	6314.18	3267.72	0.01	0.01

HEC-RAS Profile: 500 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	70810	500 yr	Existing	328.00	22.31	29.60	24.78	503.16	0.000000	0.08	9692.25	3591.82	0.01	0.01
Bayou Din	1	70810	500 yr	w Pond	328.00	22.31	28.64	24.78	461.66	0.000001	0.13	6390.25	3267.67	0.01	0.01
Bayou Din	1	70670	500 yr	Existing	328.00	22.27	29.60	24.84	472.04	0.000000	0.08	9672.95	3591.81	0.01	0.01
Bayou Din	1	70670	500 yr	w Pond	328.00	22.27	28.64	24.84	441.15	0.000001	0.13	6370.65	3267.64	0.01	0.01
Bayou Din	1	70556.44	500 yr	Existing	328.00	21.78	29.60	24.44	455.24	0.000001	0.17	3217.12	1542.19	0.01	0.01
Bayou Din	1	70556.44	500 yr	w Pond	328.00	21.78	28.64	24.44	430.40	0.000005	0.29	1879.30	1216.54	0.03	0.03
Bayou Din	1	70170	500 yr	Existing	328.00	21.46	29.60	24.52	425.45	0.000002	0.20	3498.11	1690.18	0.02	0.02
Bayou Din	1	70170	500 yr	w Pond	328.00	21.46	28.63	24.52	413.00	0.000008	0.33	2041.72	1352.26	0.03	0.03
Bayou Din	1	70105.22	500 yr	Existing	337.00	21.05	29.60	23.91	420.28	0.000001	0.16	3458.44	1690.18	0.01	0.01
Bayou Din	1	70105.22	500 yr	w Pond	48.00	21.05	28.63	21.98	410.00	0.000000	0.04	2002.81	1352.33	0.00	0.00
Bayou Din	1	70062		Culvert											
Bayou Din	1	69840	500 yr	Existing	337.00	20.38	28.51	23.21	418.21	0.000007	0.36	1718.02	1284.50	0.03	0.03
Bayou Din	1	69840	500 yr	w Pond	48.00	20.38	28.38	21.50	409.00	0.000000	0.05	1566.14	1075.05	0.00	0.00
Bayou Din	1	69732.16	500 yr	Existing	337.00	19.97	28.51	22.62	413.90	0.000004	0.28	1763.31	1284.34	0.02	0.02
Bayou Din	1	69732.16	500 yr	w Pond	48.00	19.97	28.38	20.96	405.06	0.000000	0.04	1611.63	1075.05	0.00	0.00
Bayou Din	1	69378		Culvert											
Bayou Din	1	69211.45	500 yr	Existing	337.00	20.11	28.50	22.90	391.71	0.000015	0.50	861.24	383.12	0.04	0.04
Bayou Din	1	69211.45	500 yr	w Pond	48.00	20.11	28.38	21.13	385.23	0.000000	0.07	818.61	368.73	0.01	0.01
Bayou Din	1	68957		Culvert											
Bayou Din	1	68835	500 yr	Existing	337.00	20.36	28.47	23.18	385.49	0.000019	0.62	1102.53	542.81	0.05	0.05
Bayou Din	1	68835	500 yr	w Pond	48.00	20.36	28.38	21.42	379.51	0.000000	0.09	1055.56	532.46	0.01	0.01
Bayou Din	1	68705.84	500 yr	Existing	337.00	20.91	28.47	23.59	382.26	0.000013	0.45	1077.89	542.71	0.04	0.04
Bayou Din	1	68705.84	500 yr	w Pond	48.00	20.91	28.38	21.88	376.42	0.000000	0.07	1031.36	532.46	0.01	0.01
Bayou Din	1	68464		Culvert											
Bayou Din	1	68330	500 yr	Existing	337.00	20.77	28.46	23.52	372.57	0.000015	0.47	1108.04	542.19	0.04	0.04
Bayou Din	1	68330	500 yr	w Pond	48.00	20.77	28.38	21.75	367.28	0.000000	0.07	1063.58	532.35	0.01	0.01
Bayou Din	1	68203.29	500 yr	Existing	337.00	20.67	28.46	23.45	368.97	0.000010	0.34	1369.98	850.59	0.03	0.03
Bayou Din	1	68203.29	500 yr	w Pond	48.00	20.67	28.38	21.64	363.84	0.000000	0.05	1301.79	810.31	0.00	0.00

HEC-RAS Profile: 500 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	67781			Culvert										
Bayou Din	1	67685.54	500 yr	Existing	337.00	20.73	28.46	23.25	343.44	0.000011	0.44	1232.90	737.62	0.04	0.04
Bayou Din	1	67685.54	500 yr	w Pond	48.00	20.73	28.38	21.60	339.65	0.000000	0.07	1179.20	671.29	0.01	0.01
Bayou Din	1	67570			Culvert										
Bayou Din	1	67500	500 yr	Existing	337.00	20.43	28.45	23.23	337.34	0.000013	0.45	1282.73	735.75	0.04	0.04
Bayou Din	1	67500	500 yr	w Pond	48.00	20.43	28.38	21.51	333.88	0.000000	0.07	1230.21	671.08	0.01	0.01
Bayou Din	1	67325.24	500 yr	Existing	337.00	20.36	28.45	23.56	332.36	0.000020	0.53	1199.42	773.46	0.05	0.05
Bayou Din	1	67325.24	500 yr	w Pond	48.00	20.36	28.38	21.56	329.12	0.000000	0.08	1144.64	753.44	0.01	0.01
Bayou Din	1	67070	500 yr	Existing	337.00	20.22	28.45	22.99	326.05	0.000016	0.55	1243.14	772.06	0.04	0.04
Bayou Din	1	67070	500 yr	w Pond	48.00	20.22	28.38	21.22	323.08	0.000000	0.08	1191.56	753.41	0.01	0.01
Bayou Din	1	66959			Culvert										
Bayou Din	1	66925	500 yr	Existing	337.00	20.22	28.44	22.99	319.39	0.000016	0.55	1241.10	771.33	0.05	0.05
Bayou Din	1	66925	500 yr	w Pond	48.00	20.22	28.38	21.22	316.72	0.000000	0.08	1191.32	753.32	0.01	0.01
Bayou Din	1	66807.42	500 yr	Existing	337.00	21.07	28.44	23.19	315.62	0.000008	0.38	1554.73	710.55	0.03	0.03
Bayou Din	1	66807.42	500 yr	w Pond	48.00	21.07	28.38	21.89	313.07	0.000000	0.06	1509.16	694.32	0.00	0.00
Bayou Din	1	66313.46	500 yr	Existing	337.00	20.60	28.44	23.48	295.24	0.000006	0.36	2038.58	781.35	0.03	0.03
Bayou Din	1	66313.46	500 yr	w Pond	48.00	20.60	28.38	21.68	293.23	0.000000	0.05	1990.24	776.55	0.00	0.00
Bayou Din	1	66050	500 yr	Existing	337.00	20.19	28.44	22.57	275.12	0.000009	0.44	1543.78	713.42	0.03	0.03
Bayou Din	1	66050	500 yr	w Pond	48.00	20.19	28.38	20.98	273.61	0.000000	0.06	1502.96	709.81	0.01	0.01
Bayou Din	1	65980			Culvert										
Bayou Din	1	65823.99	500 yr	Existing	337.00	20.19	28.43	22.82	269.71	0.000009	0.43	1531.51	712.88	0.03	0.03
Bayou Din	1	65823.99	500 yr	w Pond	48.00	20.19	28.38	21.20	268.34	0.000000	0.06	1496.55	709.80	0.01	0.01
Bayou Din	1	65530	500 yr	Existing	337.00	19.82	28.43	22.51	259.45	0.000006	0.35	1507.54	591.61	0.03	0.03
Bayou Din	1	65530	500 yr	w Pond	48.00	19.82	28.38	20.76	258.30	0.000000	0.05	1479.79	585.01	0.00	0.00
Bayou Din	1	65427			Culvert										
Bayou Din	1	65314.24	500 yr	Existing	337.00	20.37	28.40	22.90	251.97	0.000007	0.35	1450.91	587.88	0.03	0.03
Bayou Din	1	65314.24	500 yr	w Pond	48.00	20.37	28.38	21.27	250.92	0.000000	0.05	1438.76	584.96	0.00	0.00

HEC-RAS Profile: 500 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	1	64856.31	500 yr	Existing	337.00	20.32	28.40	22.19	235.29	0.000006	0.33	1722.57	994.97	0.03	0.03
Bayou Din	1	64856.31	500 yr	w Pond	48.00	20.32	28.38	20.95	234.40	0.000000	0.05	1704.76	994.18	0.00	0.00
Bayou Din	1	64447.76	500 yr	Existing	337.00	20.27	28.40		195.34	0.000001	0.12	6796.51	2897.30	0.01	0.01
Bayou Din	1	64447.76	500 yr	w Pond	48.00	20.27	28.38		194.78	0.000000	0.02	6743.99	2897.00	0.00	0.00
Bayou Din	1	64300	500 yr	Existing	337.00	20.28	28.39	22.64	180.85	0.000007	0.40	1747.10	717.87	0.03	0.03
Bayou Din	1	64300	500 yr	w Pond	48.00	20.28	28.38	21.10	180.40	0.000000	0.06	1735.28	715.05	0.00	0.00
Bayou Din	1	64157													
					Culvert										
Bayou Din	1	64100	500 yr	Existing	337.00	20.28	28.39		169.03	0.000007	0.40	1740.86	716.38	0.03	0.03
Bayou Din	1	64100	500 yr	w Pond	48.00	20.28	28.38		168.64	0.000000	0.06	1734.64	714.90	0.00	0.00
Bayou Din	1	63916.87	500 yr	Existing	337.00	19.77	28.39	22.39	151.91	0.000001	0.13	6402.20	2590.60	0.01	0.01
Bayou Din	1	63916.87	500 yr	w Pond	48.00	19.77	28.38	20.73	151.59	0.000000	0.02	6378.17	2590.05	0.00	0.00
Bayou Din	1	63662													
					Culvert										
Bayou Din	1	63427.49	500 yr	Existing	337.00	19.69	28.38	21.70	76.35	0.000001	0.16	4793.98	1818.77	0.01	0.01
Bayou Din	1	63427.49	500 yr	w Pond	48.00	19.69	28.38	20.38	76.25	0.000000	0.02	4784.46	1818.66	0.00	0.00
Bayou Din	1	63300	500 yr	Existing	337.00	19.68	28.38	22.21	62.36	0.000001	0.17	4767.10	1827.95	0.01	0.01
Bayou Din	1	63300	500 yr	w Pond	48.00	19.68	28.38	20.57	62.29	0.000000	0.02	4757.78	1827.84	0.00	0.00
Bayou Din	1	63181													
					Culvert										
Bayou Din	1	63082	500 yr	Existing	337.00	19.65	28.38		34.48	0.000001	0.16	4549.05	1960.57	0.01	0.01
Bayou Din	1	63082	500 yr	w Pond	48.00	19.65	28.38		34.45	0.000000	0.02	4545.10	1960.22	0.00	0.00
Bayou Din	1	62930.99	500 yr	Existing	337.00	19.57	28.38		18.80	0.000002	0.17	4499.38	1960.54	0.01	0.01
Bayou Din	1	62930.99	500 yr	w Pond	48.00	19.57	28.38		18.78	0.000000	0.02	4495.86	1960.22	0.00	0.00
Bayou Din	1	62750	500 yr	Existing	337.00	19.62	28.38			0.000001	0.17	4547.92	1960.49	0.01	0.01
Bayou Din	1	62750	500 yr	w Pond	48.00	19.62	28.38			0.000000	0.02	4544.92	1960.22	0.00	0.00
Bayou Din	2	62561.74	500 yr	Existing	58.00	19.40	28.38	20.34	2936.18	0.000000	0.03	4058.67	1470.69	0.00	0.00
Bayou Din	2	62561.74	500 yr	w Pond	58.00	19.40	28.38	20.34	2935.83	0.000000	0.03	4056.23	1470.46	0.00	0.00
Bayou Din	2	62277.63	500 yr	Existing	58.00	19.46	28.38	20.34	2907.46	0.000000	0.03	4749.72	2048.20	0.00	0.00
Bayou Din	2	62277.63	500 yr	w Pond	58.00	19.46	28.38	20.34	2907.12	0.000000	0.03	4746.32	2048.18	0.00	0.00

HEC-RAS Profile: 500\_yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	61928.04	500 yr	Existing	58.00	19.36	28.38	20.41	2879.15	0.000000	0.06	2304.30	1259.89		0.00
Bayou Din	2	61928.04	500 yr	w Pond	58.00	19.36	28.38	20.41	2878.84	0.000000	0.06	2302.21	1258.63		0.00
Bayou Din	2	61429.98	500 yr	Existing	58.00	19.26	28.38	20.21	2858.41	0.000000	0.08	1323.30	548.66		0.01
Bayou Din	2	61429.98	500 yr	w Pond	58.00	19.26	28.38	20.21	2858.12	0.000000	0.08	1322.39	548.19		0.01
Bayou Din	2	60925.99	500 yr	Existing	58.00	19.28	28.38	19.99	2840.85	0.000000	0.06	1711.80	704.76		0.00
Bayou Din	2	60925.99	500 yr	w Pond	58.00	19.28	28.38	19.99	2840.57	0.000000	0.06	1710.63	704.38		0.00
Bayou Din	2	60700		Culvert											
Bayou Din	2	60655	500 yr	Existing	58.00	19.78	28.38		2825.18	0.000000	0.06	2108.36	979.67		0.00
Bayou Din	2	60655	500 yr	w Pond	58.00	19.78	28.38		2824.91	0.000000	0.06	2106.67	978.77		0.00
Bayou Din	2	60427.15	500 yr	Existing	58.00	20.00	28.38		2818.67	0.000000	0.04	2329.25	979.67		0.00
Bayou Din	2	60427.15	500 yr	w Pond	58.00	20.00	28.38		2818.41	0.000000	0.04	2327.56	978.77		0.00
Bayou Din	2	59899.06	500 yr	Existing	58.00	20.57	28.38	21.39	2799.25	0.000001	0.11	874.16	455.75		0.01
Bayou Din	2	59899.06	500 yr	w Pond	58.00	20.57	28.38	21.39	2799.00	0.000001	0.11	873.37	454.99		0.01
Bayou Din	2	59550		Culvert											
Bayou Din	2	59375.33	500 yr	Existing	178.00	20.59	28.10	21.95	2792.51	0.000001	0.12	3108.27	1165.68		0.01
Bayou Din	2	59375.33	500 yr	w Pond	179.00	20.59	28.10	21.95	2792.27	0.000001	0.12	3106.26	1165.44		0.01
Bayou Din	2	58759.73	500 yr	Existing	282.00	19.34	28.10	21.19	2745.03	0.000001	0.21	3610.47	1612.09		0.01
Bayou Din	2	58759.73	500 yr	w Pond	281.00	19.34	28.10	21.18	2744.82	0.000001	0.21	3607.69	1611.09		0.01
Bayou Din	2	58745		Culvert											
Bayou Din	2	58487.16	500 yr	Existing	282.00	20.09	28.10	21.55	2742.21	0.000001	0.15	4155.44	1363.84		0.01
Bayou Din	2	58487.16	500 yr	w Pond	281.00	20.09	28.10	21.55	2742.00	0.000001	0.15	4155.42	1363.84		0.01
Bayou Din	2	57974.63	500 yr	Existing	282.00	19.87	28.10	21.18	2683.89	0.000001	0.14	5757.13	2517.01		0.01
Bayou Din	2	57974.63	500 yr	w Pond	281.00	19.87	28.10	21.18	2683.68	0.000001	0.13	5757.09	2517.00		0.01
Bayou Din	2	56938.84	500 yr	Existing	282.00	19.41	28.10	21.52	2581.49	0.000001	0.20	2855.40	987.71		0.01
Bayou Din	2	56938.84	500 yr	w Pond	281.00	19.41	28.10	21.51	2581.29	0.000001	0.20	2855.39	987.71		0.01
Bayou Din	2	56444.11	500 yr	Existing	282.00	19.20	28.10	21.37	2540.81	0.000001	0.13	4309.74	1461.13		0.01
Bayou Din	2	56444.11	500 yr	w Pond	281.00	19.20	28.10	21.36	2540.60	0.000001	0.13	4309.73	1461.12		0.01
Bayou Din	2	55926.34	500 yr	Existing	282.00	18.97	28.10	20.98	2469.25	0.000000	0.09	7729.97	2133.66		0.01

HEC-RAS Profile: 500 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Bayou Din	2	55926.34	500 yr	w Pond	281.00	18.97	28.10	20.98	2469.04	0.000000	0.09	7729.96	2133.66		0.01
Bayou Din	2	55451.99	500 yr	Existing	282.00	18.76	28.10	20.81	2355.00	0.000000	0.05	13254.36	3784.22		0.00
Bayou Din	2	55451.99	500 yr	w Pond	281.00	18.76	28.10	20.80	2354.79	0.000000	0.05	13254.33	3784.22		0.00
Bayou Din	2	54951.57	500 yr	Existing	282.00	18.54	28.10	20.47	2248.40	0.000000	0.10	5302.50	1444.90		0.01
Bayou Din	2	54951.57	500 yr	w Pond	281.00	18.54	28.10	20.47	2248.20	0.000000	0.10	5302.49	1444.90		0.01
Bayou Din	2	54448.24	500 yr	Existing	282.00	18.32	28.10	20.43	2184.44	0.000000	0.12	5768.11	1697.96		0.01
Bayou Din	2	54448.24	500 yr	w Pond	281.00	18.32	28.10	20.42	2184.24	0.000000	0.12	5768.10	1697.96		0.01
Bayou Din	2	53948.20	500 yr	Existing	282.00	18.10	28.10	20.21	2118.29	0.000000	0.12	5757.78	1600.00		0.01
Bayou Din	2	53948.20	500 yr	w Pond	281.00	18.10	28.10	20.20	2118.08	0.000000	0.12	5757.77	1600.00		0.01
Bayou Din	2	53442.14	500 yr	Existing	282.00	17.88	28.10	19.99	2012.64	0.000000	0.06	12429.25	4173.57		0.00
Bayou Din	2	53442.14	500 yr	w Pond	281.00	17.88	28.10	19.99	2012.44	0.000000	0.06	12429.23	4173.57		0.00
Bayou Din	2	52941.59	500 yr	Existing	282.00	17.66	28.10	19.76	1866.28	0.000000	0.05	13044.63	4216.04		0.00
Bayou Din	2	52941.59	500 yr	w Pond	281.00	17.66	28.10	19.77	1866.08	0.000000	0.05	13044.63	4216.04		0.00
Bayou Din	2	52443.76	500 yr	Existing	282.00	17.44	28.10	19.55	1700.35	0.000000	0.05	15994.51	4822.94		0.00
Bayou Din	2	52443.76	500 yr	w Pond	281.00	17.44	28.10	19.54	1700.14	0.000000	0.05	15994.50	4822.94		0.00
Bayou Din	2	51942.64	500 yr	Existing	900.00	17.22	28.10	20.06	1508.91	0.000000	0.15	17285.94	4917.06		0.01
Bayou Din	2	51942.64	500 yr	w Pond	900.00	17.22	28.10	20.06	1508.71	0.000000	0.15	17285.94	4917.06		0.01
Bayou Din	2	51319.89	500 yr	Existing	900.00	14.00	28.10	19.31	1309.86	0.000001	0.25	10561.51	3550.20		0.02
Bayou Din	2	51319.89	500 yr	w Pond	900.00	14.00	28.10	19.31	1309.65	0.000001	0.25	10561.51	3550.20		0.02
Bayou Din	2	51250		Culvert											
Bayou Din	2	51070.13	500 yr	Existing	900.00	14.00	25.63		1298.25	0.000022	0.91	3474.11	2234.81		0.08
Bayou Din	2	51070.13	500 yr	w Pond	900.00	14.00	25.63		1298.04	0.000022	0.91	3474.11	2234.81		0.08
Bayou Din	2	50998.21	500 yr	Existing	900.00	14.50	25.63		1284.65	0.000015	0.83	3418.68	2060.76		0.06
Bayou Din	2	50998.21	500 yr	w Pond	900.00	14.50	25.63		1284.44	0.000015	0.83	3418.68	2060.76		0.06
Bayou Din	2	50386.33	500 yr	Existing	900.00	15.00	25.62		1244.75	0.000015	0.78	3372.75	1994.38		0.06
Bayou Din	2	50386.33	500 yr	w Pond	900.00	15.00	25.62		1244.54	0.000015	0.78	3372.75	1994.38		0.06
Bayou Din	2	49902.70	500 yr	Existing	900.00	15.20	25.62		1197.28	0.000005	0.51	5178.11	2788.06		0.04
Bayou Din	2	49902.70	500 yr	w Pond	900.00	15.20	25.62		1197.07	0.000005	0.51	5178.11	2788.06		0.04

HEC-RAS Profile: 500 yr (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit. W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	49386.54	500 yr	Existing	783.00	15.98	25.62	19.45	1128.95	0.000003	0.31	6355.12	2994.98	0.02
Bayou Din	2	49386.54	500 yr	w Pond	783.00	15.98	25.62	19.45	1128.74	0.000003	0.31	6355.12	2994.98	0.02
Bayou Din	2	48947.66	500 yr	Existing	783.00	15.08	25.62	19.34	1057.55	0.000003	0.26	7818.25	4394.35	0.02
Bayou Din	2	48947.66	500 yr	w Pond	783.00	15.08	25.62	19.34	1057.34	0.000003	0.26	7818.25	4394.35	0.02
Bayou Din	2	48800		Culvert										
Bayou Din	2	48720	500 yr	Existing	783.00	15.23	25.62	19.15	1004.02	0.000003	0.32	7877.55	3716.98	0.02
Bayou Din	2	48720	500 yr	w Pond	783.00	15.23	25.62	19.15	1003.81	0.000003	0.32	7877.55	3716.98	0.02
Bayou Din	2	48518.83	500 yr	Existing	781.00	15.39	25.62	19.10	967.68	0.000003	0.29	7867.43	3674.11	0.02
Bayou Din	2	48518.83	500 yr	w Pond	781.00	15.39	25.62	19.10	967.47	0.000003	0.29	7867.43	3674.11	0.02
Bayou Din	2	48346.11	500 yr	Existing	781.00	14.70	25.62	18.48	936.03	0.000003	0.34	8095.84	3649.03	0.02
Bayou Din	2	48346.11	500 yr	w Pond	781.00	14.70	25.62	18.48	935.83	0.000003	0.34	8095.84	3649.03	0.02
Bayou Din	2	47858.87	500 yr	Existing	781.00	14.35	25.61	18.18	851.53	0.000004	0.40	7013.66	3394.77	0.02
Bayou Din	2	47858.87	500 yr	w Pond	781.00	14.35	25.61	18.18	851.32	0.000004	0.40	7013.66	3394.77	0.02
Bayou Din	2	47378.08	500 yr	Existing	781.00	14.41	25.61	17.92	782.64	0.000003	0.33	5489.55	1913.43	0.02
Bayou Din	2	47378.08	500 yr	w Pond	781.00	14.41	25.61	17.92	782.43	0.000003	0.33	5489.55	1913.43	0.02
Bayou Din	2	46861.41	500 yr	Existing	781.00	14.42	25.61	18.32	722.90	0.000005	0.45	4602.63	1989.80	0.03
Bayou Din	2	46861.41	500 yr	w Pond	781.00	14.42	25.61	18.32	722.70	0.000005	0.45	4602.63	1989.80	0.03
Bayou Din	2	46307.45	500 yr	Existing	781.00	13.93	25.61	17.55	618.23	0.000001	0.16	11859.57	4190.66	0.01
Bayou Din	2	46307.45	500 yr	w Pond	781.00	13.93	25.61	17.55	618.02	0.000001	0.16	11859.57	4190.66	0.01
Bayou Din	2	46250		Culvert										
Bayou Din	2	46166.75	500 yr	Existing	833.00	14.70	25.61	18.38	589.00	0.000001	0.21	10900.67	4173.72	0.01
Bayou Din	2	46166.75	500 yr	w Pond	833.00	14.70	25.61	18.38	588.79	0.000001	0.21	10900.67	4173.72	0.01
Bayou Din	2	45778.50	500 yr	Existing	833.00	13.90	25.61	17.88	468.72	0.000001	0.16	16088.81	5667.09	0.01
Bayou Din	2	45778.50	500 yr	w Pond	833.00	13.90	25.61	17.88	468.52	0.000001	0.16	16088.81	5667.09	0.01
Bayou Din	2	45276.62	500 yr	Existing	833.00	13.82	25.61	17.33	337.72	0.000002	0.29	6651.25	2266.78	0.02
Bayou Din	2	45276.62	500 yr	w Pond	833.00	13.82	25.61	17.33	337.51	0.000002	0.29	6651.25	2266.78	0.02
Bayou Din	2	44778.96	500 yr	Existing	833.00	13.90	25.61	17.78	264.29	0.000003	0.35	6203.10	1961.31	0.02
Bayou Din	2	44778.96	500 yr	w Pond	833.00	13.90	25.61	17.78	264.09	0.000003	0.35	6203.10	1961.31	0.02

HEC-RAS Profile: 500 yr (Continued)

River	Reach	River Sta.	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit.W.S. (ft)	Volume (acre-ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Bayou Din	2	44272.49	500 yr	Existing	833.00	13.76	25.60	17.37	193.07	0.000003	0.33	6048.21	1824.62	0.02
Bayou Din	2	44272.49	500 yr	w Pond	833.00	13.76	25.60	17.37	192.86	0.000003	0.33	6048.21	1824.62	0.02
Bayou Din	2	43774.48	500 yr	Existing	833.00	13.21	25.60	17.63	118.04	0.000002	0.29	7077.01	1902.41	0.02
Bayou Din	2	43774.48	500 yr	w Pond	833.00	13.21	25.60	17.63	117.83	0.000002	0.29	7077.01	1902.41	0.02
Bayou Din	2	43720			Culvert									
Bayou Din	2	43600	500 yr	Existing	833.00	13.64	25.60	16.98	102.17	0.000003	0.39	7272.25	2863.01	0.02
Bayou Din	2	43600	500 yr	w Pond	833.00	13.64	25.60	16.98	101.96	0.000003	0.39	7272.25	2863.01	0.02
Bayou Din	2	43297.40	500 yr	Existing	640.00	13.23	25.60	16.83	55.55	0.000002	0.32	6149.99	2255.77	0.02
Bayou Din	2	43297.40	500 yr	w Pond	640.00	13.23	25.60	16.83	55.34	0.000002	0.32	6149.99	2255.77	0.02
Bayou Din	2	43200			Culvert									
Bayou Din	2	42925.20	500 yr	Existing	640.00	13.75	25.59		53.00	0.000002	0.26	5890.67	2364.00	0.02
Bayou Din	2	42925.20	500 yr	w Pond	640.00	13.75	25.59		52.80	0.000002	0.26	5890.67	2364.00	0.02
Bayou Din	2	42660.40	500 yr	Existing	640.00	13.54	25.59	16.64	6.00	0.000001	0.18	9573.34	2410.00	0.01
Bayou Din	2	42660.40	500 yr	w Pond	640.00	13.54	25.59	16.64	5.79	0.000001	0.18	9573.34	2410.00	0.01
Bayou Din	2	42444			Culvert									
Bayou Din	2	42229.05	500 yr	Existing	640.00	12.51	21.50	16.23		0.000025	0.75	2045.70	976.69	0.06
Bayou Din	2	42229.05	500 yr	w Pond	640.00	12.51	21.50	16.23		0.000025	0.75	2045.70	976.69	0.06