**SABINE TO GALVESTON**

**REQUIRES FLAP AND SLUICE GATE**

**DRAINAGE STRUCTURE**

**BOX CULVERTS**
- (3) 5' X 4' X 120'
- (3) 6' X 3' X 120'

**TRANSITION**

**LEVEE TO FLOODWALL**

**GATE (40')**

**ROAD CLOSURE**

**PUMP STATION**

**DRAINAGE STRUCTURE**

**LEGEND**

- **C其**
- **L**
- **FLOODWALL**
- **LEVEE**
- **LAND SIDE**
- **FLOOD SIDE**
- **CREST**
- **TOE**
- **STEM**

**SCALE IN FEET**
- 100'
- 200'
- 400'
- 600'

**0+00**
**00+01**
**00+02**

**PREPARED UNDER THE DIRECTION OF**

**LARS N. ZETTERSTROM, COL., P.E.**

**DISTRICT COMMANDER**

**9/19/2016**

**AS SHOWN**

**FILE:**

**MODEL NAME:**

**BY:**

**DATE:**

**TIME:**
C-09

CHIEF, ENGINEERING AND CONSTRUCTION DIVISION

CHIEF, ENGINEERING BRANCH

CJM

(DRAFT PLANS - NOT FOR CONSTRUCTION)

FEASIBILITY STUDY

SABINE TO GALVESTON

U.S. Army Corps of Engineers

Galveston District

U.S. ARMY ENGINEER DISTRICT, GALVESTON

CORPS OF ENGINEERS

GALVESTON, TEXAS

Date:

Submitted by:

Approved by:

Approval Recommended:

Scale:

Drawn by:

Designed by:

Checked by:

LARS N. ZETTERSTROM, COL., P.E.

DISTRICT COMMANDER

9/19/2016

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File:

Model Name:

C-09

m3ececjm

9/19/2016

2:01:52 PM

DATE

TIME

PREPARED UNDER THE DIRECTION OF

P L A C E M E N T A R E A

DREDGE MATERIAL

ORANGE - JEFFERSON CSRM

PLANNING AREA

PLANNING CHANNEL

SCIENCE PARK RIVER

SCALE IN FEET

100'

200'

400'

600'

1000'
450
+00
500
+00
430+00
440+00
460
+00
470+00
480+00
490
+00
510+00
520+00

GALVESTON, TEXAS

DATE: 9/19/2016

PREPARED UNDER THE DIRECTION OF
LARS N. ZETTERSTROM, COL., P.E.

DISTRICT COMMANDER

FOR: SABINE TO GALVESTON

APPENDIX SHEETS

20160729 SABINE TO GALVESTON

FILE:
MODEL NAME:
C-11

BY:
m3eccecm

DATE: 9/19/2016
TIME: 2:02:08 PM

TRANSITION

LEVEE TO FLOODWALL

BOX CULVERTS (10) 7' X 10' X 120'

SCALE IN FEET

100'

200'

400'

600'
BOX CULVERTS
(2) 6' X 4' X 120'

BOX CULVERTS
(2) 6' X 8' X 120'

BOX CULVERTS
(10) 6' X 5' X 120'

(2) 36" DIAMETER RCP

COW BAYOU TRANSITION LEVEE TO FLOODWALL
(SEE S-03)

NAVIGATION STRUCTURE

ORANGE-JEFFERSON CSR PLAN - STA 599 +00 TO STA 680 +00
(RAMP)

ROAD CROSSING
FEASIBILITY STUDY
SABINE TO GALVESTON

U.S. Army Corps of Engineers
Galveston District

PREPARED UNDER THE DIRECTION OF
LARS N. ZETTERSTROM, COL., P.E.
DISTRICT COMMANDER

DATE: 9/19/2016

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GATE (20')
ROAD CLOSURE

BOX CULVERTS
(3) 6' X 3' X 120'

BOX CULVERTS
(4) 5' X 4' X 120'

BOX CULVERTS
(2) 5' X 4' X 120'

BOX CULVERTS
(3) 6' X 3' X 120'

PLAN - ST A 680 +00 TO ST A 745 +00
ORANGE-JEFFERSON CSR

TRANSITION
LEVEE TO FLOODWALL
(RAMP)
ROAD CROSSING
FEASIBILITY STUDY
SABINE TO GALVESTON

BOX CULVERTS
(3) 5' X 4' X 120'
(2) 5' X 4' X 120'
(5) 5' X 4' X 120'
(3) 6' X 3' X 120'
(5) 4' X 4' X 120'

GATE (25')
ROAD CLOSURE

TRANSITION LEVEE TO FLOODWALL

PUMP STATION #6
S A B I N E  T O  GA L V E S T O N

BOX CULVERTS
(5) 6' X 4' X 120'

BOX CULVERTS
(3) 7' X 5' X 120'

BOX CULVERTS
(2) 6' X 4' X 120'

BOX CULVERTS
(1) 48" DIAMETER RCP

TRANSITION
LEVEE TO FLOODWALL

SCALE IN FEET
100' 200' 400' 600'

U.S. Army Corps of Engineers
Galveston District

C J M
(D R A F T  P L A N S  - N O  T  O  C O N S T R U C T I O N )

F E A S I B I L I T Y  S T U D Y

C JM

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9/19/2016

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FILE:
MODEL NAME:
C-18

PREPARED BY:
m3ececjcm

DATE:
TIME:
9/19/2016 2:03:25 PM

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ORANGE - JEFFERSON CSRMP

PLAN - STA 1000+00 TO STA 1060+00
FILE: ORANGE-JEFFERSON CSRMP PLAN - STA 1060+00 TO STA 1160+00

(1) 48" DIAMETER RCP
(2) 6' X 4' X 120'

TRANSITION LEVEE TO FLOODWALL (RAMP)
FILE: M o d e l N a m e : C -2 0
B Y : m 3 e c e cjm
D A T E : 9 /1 9 /2 0 1 6
T I M E : 2 :0 3 :4 7  P M

PREPARED UNDER THE DIRECTIONS OF
D I S T R I C T C O M M A N D E R

9 / 1 9 /2 0 1 6

AS SHOWN

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BOX CULVERTS
(4) 6' X 4' X 120'

ORANGE-JEFFERSON CSR M

PLAN - ST A 1 1 6 0 + 0 0  TO ST A 1 2 0 5 + 0 0

(RAMP)

ROAD CROSSING (RAMP)

ROAD CROSSING

SCALE IN FEET

100'

200'

400'

600'
FEASIBILITY STUDY
SABINE TO GALVESTON

CJM
DRAFT PLANS - NOT FOR CONSTRUCTION

1250+00
1220+00
1240+00
1230+00
1270+00
1210+00
1260+00
1200+00
00+00

U.S. Army Corps of Engineers
Galveston District

Date:
Rev.
Submitted by:
Approved by:
Approval Recommended:
Scale:
Drawn by:
Designed by:
Checked by:

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LARS N. ZETTERSTROM, COL., P.E.
DISTRICT COMMANDER

9/19/2016

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