CROSS SECTION E-E (SECTION @ CENTER OF TURNING BASIN)  
26+29.90

CROSS SECTION LEGEND:
- EXISTING BOTTOM
- EXISTING CHANNEL DREDGE TEMPLATE
- PROPOSED CHANNEL
- PROPOSED AREA TO BE DREDGED

CROSS SECTION GRAPHIC SCALES:
- HORIZONTAL: 1" = 300'
- VERTICAL: 1" = 15'

Corpus Christi Ship Channel Deepening Project  
Individual Permit Application SWG-2019-00067  
Preferred Channel Alternative  
Dredging Cross Section E-E  
STA 26+29.90  
County: Aransas and Nueces  
Application By: Port of Corpus Christi Authority  
State: Texas  
Date: May 2019
LEGEND
- - - - DEEPENING IMPROVEMENTS (-7' / -7' MLLW)
- - - DREDGE MATERIAL PLACEMENT AREA
- - - EXIST OFFSHORE PLACEMENT AREA
- - - EXIST SEAGRASS (RETRIEVED FROM NOAA CSC, 2007)
- - - EXIST OYSTER REEFS (RETRIEVED FROM TPWD, 2004)
- - - EXIST PIPELINES (SEE NOTE 4)

GENERAL NOTES
1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCgis TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPTEMBER 2019.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. PIPELINE DATA FOR ARANSAS AND NUCEES COUNTIES RETREIVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 19, 2018.

Corpus Christi Ship Channel Deepening Project
Individual Permit Application SWG-2019-00067
OVERALL DREDGE MATERIAL PLACEMENT PLAN

County: Aransas and Nueces
Application By: Port of Corpus Chrisiti Authority
State: Texas
Date: May 2019
### GENERAL NOTES

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPTEMBER 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANSAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 19, 2018.

### Placement Site Neatline Quantity – NW ODMDS

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offshore Placement</td>
<td>13,800,000</td>
</tr>
<tr>
<td>Total</td>
<td>13,800,000</td>
</tr>
</tbody>
</table>

### LEGEND

- DEEPENING IMPROVEMENTS (-75' / -77' MLLW)
- EXIST OFFSHORE PLACEMENT AREA
- EXIST CONTOURS

---

Corpus Christi Ship Channel Deepening Project
Individual Permit Application SWG-2019-00067

OFFSHORE DREDGE
MATERIAL PLACEMENT
NW ODMDS (HOMEPORT)

County: Aransas and Nueces
Application By: Port of Corpus Christi Authority

State: Texas
Date: May 2019
### Placement Site Neatline Quantity – Site M10

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armoring*</td>
<td>10,667</td>
</tr>
<tr>
<td>Levee Creation</td>
<td>997,300</td>
</tr>
<tr>
<td>770 Acre Estuarine / Aquatic Habitat</td>
<td>9,936,300</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10,933,600</strong></td>
</tr>
</tbody>
</table>

*Note: Quantity not included in CY total

---

**LEGEND**

- **EXISTING SHIP CHANNEL**
- **DREDGE MATERIAL PLACEMENT**
- **EXIST CONTOURS**

---

**GENERAL NOTES**

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPTEMBER 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANSAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 19, 2018.

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**Corpus Christi Ship Channel Deepening Project**  
**Individual Permit Application SWG-2019-00067**  
**BENEFICIAL USE SITE**  
**AND SECTION VIEW - M10**  
770 ACRE ESTUARINE / AQUATIC HABITAT

County: Aransas and Nueces  
Application By: Port of Corpus Christi Authority  
State: Texas  
Date: May 2019
### Placement Site Neatline Quantity – Site PA9-S

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armoring*</td>
<td>26,400</td>
</tr>
<tr>
<td>Levee Creation</td>
<td>500,000</td>
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<tr>
<td>Upland Placement</td>
<td>8,500,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>9,000,000</strong></td>
</tr>
</tbody>
</table>

*Note: Quantity not included in CY total*

---

### GENERAL NOTES

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPT 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANASAS AND NUECES COUNTIES RETREIVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 19, 2018.

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**LEGEND**

- **EXISTING SHIP CHANNEL**
- **DREDGE MATERIAL PLACEMENT**
- **EXIST CONTOURS**

---

**SECTION**

**NOT TO SCALE**

**PLAN**

1" = 5,000'

---

**Corpus Christi Ship Channel Deepening Project**

Individual Permit Application SWG-2019-00067

**SITE AND SECTION VIEW PA9-S**

**PA9 UPLAND SITE EXPANSION**

County: Aransas and Nueces

Application By: Port of Corpus Christi Authority

State: Texas

Date: May 2019
NOTE: UPDATES BASED ON EXIST TPWD PERMIT

**GENERAL NOTES**

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPT 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANSAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 19, 2018.

**LEGEND**

- EXISTING SHIP CHANNEL
- DREDGE MATERIAL PLACEMENT
- POTENTIAL WETLAND RESTORATION
- EXIST CONTOURS

**Placement Site Neatline Quantity – Site M4**

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armoring*</td>
<td>6,667</td>
</tr>
<tr>
<td>Levee Creation</td>
<td>867,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>867,000</strong></td>
</tr>
</tbody>
</table>

*Note: Quantity not included in CY total

**Sheet 14 of 23**

**Corpus Christi Ship Channel Deepening Project**

**Individual Permit Application SWG-2019-00067**

**Beneficial Use Site and Section View - M4 Dagger Island Levee Creation**

**County:** Aransas and Nueces

**Application By:** Port of Corpus Christi Authority

**State:** Texas

**Date:** May 2019
**Placement Site Neatline Quantity – Site SS1**

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armoring*</td>
<td>38,500</td>
</tr>
<tr>
<td>Berm Fill</td>
<td>4,800,000</td>
</tr>
<tr>
<td>Total</td>
<td>4,800,000</td>
</tr>
</tbody>
</table>

*Note: Quantity not included in CY total*

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**LEGEND**
- EXISTING / PROPOSED SHIP CHANNEL DEEPENING
- DREDGE MATERIAL PLACEMENT
- EXIST CONTOURS

**GENERAL NOTES**

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPT 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANSAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 19, 2018.

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**Corpus Christi Ship Channel Deepening Project**
**Individual Permit Application SWG-2019-00067**
**BENEFICIAL USE SITE AND SECTION VIEW - SS1**
**SHORELINE STABILIZATION**

County: Aransas and Nueces
Application By: Port of Corpus Christi Authority

State: Texas
Date: May 2019
LEGEND
- - - EXISTING SHIP CHANNEL
- - DREDGE MATERIAL PLACEMENT
- - EXIST CONTOURS

GENERAL NOTES
1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPTEMBER 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO MEAN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANSAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 13, 2018.

Corpus Christi Ship Channel Deepening Project
Individual Permit Application SWG-2019-00067
DREDGE MATERIAL PLACEMENT
SITE AND SECTION VIEW - PA6
5 FT LEVEE RAISE & FILL

County: Aransas and Nueces
Application By: Port of Corpus Christi Authority
State: Texas
Date: May 2019

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Placement Site Neatline Quantity – Site PA 6

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-ft Levee Raise</td>
<td>103,000</td>
</tr>
<tr>
<td>PA Fill</td>
<td>1,893,400</td>
</tr>
<tr>
<td>Total</td>
<td>1,796,400</td>
</tr>
</tbody>
</table>
LEGEND

EXISTING / PROPOSED SHIP CHANNEL DEEPENING

DREDGE MATERIAL PLACEMENT

EXIST CONTOURS

GENERAL NOTES

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPT 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO MEAN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 19, 2018.
Placement Site Neatline Quantity – Site PA 4

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armoring*</td>
<td>17,100</td>
</tr>
<tr>
<td>Levee</td>
<td>158,600</td>
</tr>
<tr>
<td>PA Fill</td>
<td>2,861,400</td>
</tr>
<tr>
<td>Total</td>
<td>3,020,000</td>
</tr>
</tbody>
</table>

*Note: Quantity not included in CY total

GENERAL NOTES

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPT 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANSAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 19, 2018.
Placement Site Neatline Quantity – San Jose Island (SJI)

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dune Restoration</td>
<td>2,000,000</td>
</tr>
<tr>
<td>Beach Restoration</td>
<td>2,000,000</td>
</tr>
<tr>
<td>Total</td>
<td>4,000,000</td>
</tr>
</tbody>
</table>

**LEGEND**
- PROPOSED SHIP CHANNEL DEEPENING
- EXIST CONTOURS
- DUNE RESTORATION
- BEACH RESTORATION

**GENERAL NOTES**
1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPT 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE.
3. SOUTH ZONE, US FOOT.
4. VERTICAL DATUM IS REFERENCED TO MEAN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
5. PIPELINE DATA FOR ARANSAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 15, 2018.

**Corpus Christi Ship Channel Deepening Project**
**Individual Permit Application SWG-2019-00067**
**BENEFICIAL USE SITE AND SECTION VIEW - SJI**
**DUNE AND BEACH RESTORATION**

County: Aransas and Nueces
Application By: Port of Corpus Christi Authority
State: Texas
Date: May 2019
### General Notes

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCGIS TO AUTOCAD IN MAY 2019 - LAST UPDATED IN SEPTEMBER 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO MEAN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. PIPELINE DATA FOR ARANAS AND NUECES COUNTIES RETRIEVED FROM RAILROAD COMMISSION OF TEXAS ON NOVEMBER 13, 2019.

### Placement Site Neatline Quantity – Mustang Island

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Construction Volume (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beach Nourishment</td>
<td>2,000,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,000,000</strong></td>
</tr>
</tbody>
</table>
BERM CONFIGURATION AND DESIGN TO BE FINALIZED IN P.E.D.

PLACEMENT QUANTITY NOT TO EXCEED AS SHOWN ABOVE.

B1  B2  B3  B4  B5  B6

Sheet 22 of 23

Corpus Christi Ship Channel Deepening Project
Individual Permit Application SWG-2019-00067

BENEFICIAL USE SITE AND
SECTION VIEW - B1 TO B6
OFFSHORE Feeder Berms

County: Aransas and Nueces
Application By: Port of Corpus Christi Authority
State: Texas
Date: May 2019
BERM CONFIGURATION AND DESIGN TO BE FINALIZED IN P.E.D.

PLACEMENT QUANTITY NOT TO EXCEED AS SHOWN ABOVE.

GENERAL NOTES

1. BASE MAPPING SHOWN IS ESRI WORLD IMAGERY, RETRIEVED FROM ARCgis TO AUTOcad IN MAY 2019 - LAST UPDATED IN SEPT 2018.
2. HORIZONTAL COORDINATE SYSTEM IS NAD83 TEXAS STATE PLANE, SOUTH ZONE, US FOOT.
3. VERTICAL DATUM IS REFERENCED TO MEAN NORTH AMERICAN VERTICAL DATUM OF 1888 (NAVD 88).