The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

ELEVATION ~ DRILLED SHAFT ABUTMENT

SECTION A-A
(with Approach Slab)

SECTION B-B
(with Approach Slab)

CORNER DETAILS

BACKWALL DETAIL
(without Approach Slab)

SECTION C-C

WINGWALL ELEVATION

TABLE OF ESTIMATED QUANTITIES

14" SLAB
16" SLAB

<table>
<thead>
<tr>
<th>Bar</th>
<th>No.</th>
<th>Size</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5</td>
<td>2&quot; x 8&quot;</td>
<td>11' 6&quot;</td>
<td>11.1</td>
</tr>
<tr>
<td>B</td>
<td>24</td>
<td>2&quot; x 8&quot;</td>
<td>156</td>
<td>156.1</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>2&quot; x 4&quot;</td>
<td>28</td>
<td>28.1</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
<td>2&quot; x 4&quot;</td>
<td>56</td>
<td>56.1</td>
</tr>
<tr>
<td>E</td>
<td>10</td>
<td>2&quot; x 4&quot;</td>
<td>161</td>
<td>161.1</td>
</tr>
<tr>
<td>F</td>
<td>8</td>
<td>2&quot; x 8&quot;</td>
<td>68</td>
<td>68.1</td>
</tr>
<tr>
<td>G</td>
<td>12</td>
<td>2&quot; x 10&quot;</td>
<td>125</td>
<td>125.1</td>
</tr>
<tr>
<td>H</td>
<td>4</td>
<td>2&quot; x 4&quot;</td>
<td>15</td>
<td>15.1</td>
</tr>
<tr>
<td>I</td>
<td>20</td>
<td>2&quot; x 5&quot;</td>
<td>107</td>
<td>107.1</td>
</tr>
</tbody>
</table>

Concrete Type: Class "C" Concrete

Class: ACSD-24-30

14" slab thickness add 1.3 CY Class "C" Concrete.

The following:

14" slab thickness add (2) 3' x 6" C-I-P Concrete Slab Spans

With no Approach Slab, add 69 Lbs Total Reinforcing Steel for the following:

2 ~ #5 Bars M (3'-6")
2 ~ #5 Bars M (3'-2")
2 ~ #5 Bars H (26'-7")

With Approach Slab, add 109 Lbs Total Reinforcing Steel for the following:

2 ~ #5 Bars M (3'-6")
2 ~ #5 Bars M (3'-2")
2 ~ #5 Bars H (26'-7")

Concrete strength f'c = 3,600 psi.

CALCULATED FOUNDATION LOADS: 35 Tons/Drilled Shaft.

See Layout for foundation size and length.


See standard CS-MD for joint details and details unless otherwise noted.

See Layout to determine if Approach Slab is present.

Use 16" slab thickness if Approach Slab is present.

Concrete strength f'c = 3,600 psi.


GENERAL NOTES:


Designs are based on ASHTO LRFD Specifications.