TIE-BACK WALL LENGTH = 290.00 FT
WALL HEIGHT = 14.00 FT
WALL AREA = 4,060 FT²
COST/SQ FT = $250
STRUCTURE COST = $1,015,000
CONTINGENCIES (30%) = $304,500
BRIDGE REMOVAL (CONTINGS INCL) = N/A
TOTAL CONSTRUCTION COST = $1,319,500
STRUCTURE LENGTH = 173.00 FT
STRUCTURE WIDTH = 14.00 FT
DECK AREA = 2,422 FT²
COST/SQ FT = $220
STRUCTURE COST = $532,840
CONTINGENCIES (30%) = $159,852
BRIDGE REMOVAL (CONTINGS INCL) = $100,000
TOTAL CONSTRUCTION COST = $792,692
STRUCTURE LENGTH = 190.00 FT
STRUCTURE WIDTH = 85.00 FT
DECK AREA = 16,150 FT²
COST/SQ FT = $170
STRUCTURE COST = $2,745,500
CONTINGENCIES (30%) = $823,650
BRIDGE REMOVAL (CONTINGENCIES INCL) = $150,000
TOTAL CONSTRUCTION COST = $3,719,150
STRUCTURE LENGTH = 157.50 FT
STRUCTURE WIDTH = 25.42 FT
DECK AREA = 4,004 FT²
COST/SQ FT = $220
STRUCTURE COST = $880,803
CONTINGENCIES (30%) = $264,241
BRIDGE REMOVAL (CONTINGS INCL) = $100,000
TOTAL CONSTRUCTION COST = $1,245,044
STRUCTURE LENGTH = 157.50 FT
STRUCTURE WIDTH = 25.42 + 34.92 = 60.33 FT
DECK AREA = 9,502 FT²
COST/SQ FT = $220
STRUCTURE COST = $2,090,435
CONTINGENCIES (30%) = $627,130
BRIDGE REMOVAL (CONTINGS INCL) = $100,000
TOTAL CONSTRUCTION COST = $2,817,565
**NB ON RAMP TYPICAL SECTION**

\[ \frac{1}{8}'' = 1'-0'' \]

<table>
<thead>
<tr>
<th>Structure Length</th>
<th>132.00 FT</th>
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</thead>
<tbody>
<tr>
<td>Structure Width</td>
<td>36.00 FT</td>
</tr>
<tr>
<td>Deck Area</td>
<td>4,752 FT²</td>
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<tr>
<td>Cost/SQ FT</td>
<td>$220</td>
</tr>
<tr>
<td>Structure Cost</td>
<td>$1,045,440</td>
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<tr>
<td>Contingencies (30%)</td>
<td>$313,632</td>
</tr>
<tr>
<td>Bridge Removal (Contings Incl)</td>
<td>$50,000</td>
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</tbody>
</table>

**Total Construction Cost =** $1,409,072
NB ON RAMP TYPICAL SECTION

1/8" = 1'-0"

STRUCTURE LENGTH = 132.00 FT
STRUCTURE WIDTH = 48.00 FT
DECK AREA = 6,336 FT²
COST/SQ FT = $220
STRUCTURE COST = $1,393,920
CONTINGENCIES (30%) = $418,176
BRIDGE REMOVAL (CONTINGS INCL) = $100,000

TOTAL CONSTRUCTION COST = $1,912,096

ALT 5

US 101 / ROUTE 84 (WOODSIDE ROAD)
INTERCHANGE ALTERNATIVE DESIGN
REDWOOD HARBOR OH NB ON RAMP(WIDEN)

TYPICAL SECTION

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT ENGINEER

FILE -> #REQUEST
TYPICAL SECTION

$\frac{1}{8}" = 1' - 0"

STRUCTURE LENGTH = 132.00 FT
STRUCTURE WIDTH = 36.00 FT
DECK AREA = 4,752 FT²
COST/SQ FT = $220
STRUCTURE COST = $1,045,440
CONTINGENCIES (30%) = $313,632
BRIDGE REMOVAL (CONTINGS INCL) = $100,000
TOTAL CONSTRUCTION COST = $1,459,072
STRUCTURE LENGTH = 1,100.00 FT
STRUCTURE WIDTH = 38.83 FT
DECK AREA = 42,713 FT²
COST/SQ FT = $170
STRUCTURE COST = $7,261,210
CONTINGENCIES (30%) = $2,178,363
BRIDGE REMOVAL (CONTINGS INCL) = N/A
TOTAL CONSTRUCTION COST = $9,439,573

TYPICAL SECTION

US 101 / ROUTE 84 (WOODSIDE ROAD)
INTERCHANGE ALTERNATIVE DESIGN
VETERANS BLVD NB OFF RAMP

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ALT 3

"VE1" Line

Profile Grade

CIP P/S Conc Box Girder

42% & varies

1'-5"
8'-0"
12'-0"
12'-0"
4'-0" 1'-4"

16'-6"

5'-9"

"/¼" = 1'-0"

TOTAL CONSTRUCTION COST = $9,439,573

PROFILE TABLE

<table>
<thead>
<tr>
<th>STRUCTURE LENGTH</th>
<th>1,100.00 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>STRUCTURE WIDTH</td>
<td>38.83 FT</td>
</tr>
<tr>
<td>DECK AREA</td>
<td>42,713 FT²</td>
</tr>
<tr>
<td>COST/SQ FT</td>
<td>$170</td>
</tr>
<tr>
<td>STRUCTURE COST</td>
<td>$7,261,210</td>
</tr>
<tr>
<td>CONTINGENCIES (30%)</td>
<td>$2,178,363</td>
</tr>
<tr>
<td>BRIDGE REMOVAL (CONTINGS INCL)</td>
<td>N/A</td>
</tr>
</tbody>
</table>
STRUCTURE LENGTH = 340.00 FT
STRUCTURE WIDTH = 38.83 FT
DECK AREA = 13,202 FT²
COST/SQ FT = $170
STRUCTURE COST = $2,244,374
CONTINGENCIES (30%) = $673,312
BRIDGE REMOVAL (CONTINGS INCL) = N/A
TOTAL CONSTRUCTION COST = $2,917,686