**Stage I Construction**

* Stagger 86-#9 b (E) bars at 5'' cts. (Bottom of slab), cut to fit.

(15-Stage I, 15-Stage II)

- 30-#4 b (E) bars at 15'' cts. (Top of slab), cut to fit.

**Stage II Construction**

- 19-#5 a (E) bars at 8'' cts., typ. each stage
- 27-#5 a (E) bars at 8'' cts., typ. each stage, cut to fit

**Approach Footing**

- 25-Bar splicers (E) for #4 a (E) & a (E) bars
- 46-Bar splicers (E) for #5 a (E) & a (E) bars

* Tilt #9 b (E) bars as required to maintain clearance.

**Flexible Pavement**

- Joint Sta. 106+01.00 (E. Appr.)
- Joint Sta. 102+51.00 (W. Appr.)

See Hwy. Std. 420401 for pavement connector

Notes:

See sheet 38 of 38 for Sections C-C & D-D.

Order a(E), a(E), b(E) and b(E) bars full length. Cut in field to fit Type C Inlet Box, Hwy. Standard 609006. a(E), a(E), a(E) and a(E) bar spacings measured along E Approach.

---

**Details**

- 40-#4 t (E) bars at 12'' cts. (20-Stage I, 20-Stage II) (Top and bottom of approach footing)
**SECTION C-C**

*Note: See Plan for dimensions not shown.*

- Slab
  - 1'-3''
  - See Detail A

- Approach footing
  - 1'-0''
  - 3''
  - 10''
  - 2''
  - cl.

**SECTION D-D**

*Note: See Plan for dimensions not shown.*

- Bar splicers (E)
  - *b (E)

**TWO APPROACHES**

**BILL OF MATERIAL**

<table>
<thead>
<tr>
<th>Mat. Type</th>
<th>Cu. Yd.</th>
<th>Avg. Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete Superstructure</td>
<td>0.6</td>
<td>23.4</td>
<td>Cost included with Concrete Superstructure.</td>
</tr>
<tr>
<td>Concrete Structures</td>
<td>1.0</td>
<td>28,270</td>
<td>Cost included with Concrete Superstructure.</td>
</tr>
<tr>
<td>Reinforcement Bars, Epoxy Coated</td>
<td>2.0</td>
<td>106.6</td>
<td>Cost included with Concrete Superstructure.</td>
</tr>
<tr>
<td>Porous Granular Embankment (Special) and drainage treatment</td>
<td>3.0</td>
<td>552.0</td>
<td>Cost included with Concrete Superstructure.</td>
</tr>
</tbody>
</table>

- Approach Slab shall be paid for as Concrete Superstructure.
- Approach footing concrete shall be paid for as Concrete Structures.
- Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
- Closed cell joint filler shall be paid for as Reinforcement Bars, Epoxy Coated.
- For v(E) bar details, see sheet 17 of 38.
- The Approach Footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
- For Bar Splicer details, see sheet 36 of 38.
- Cost of excavation for Approach Footing included with Concrete Structures.
- For Porous Granular Embankment (Special) and drainage treatment details see sheet 2 of 38.

**Notes:**
- See sheet 37 of 38 for Detail A.
- Approach Slab shall be paid for as Concrete Superstructure.
- Approach footing concrete shall be paid for as Concrete Structures.
- Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
- For v(E) bar details, see sheet 17 of 38.
- The Approach Footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
- For Bar Splicer details, see sheet 36 of 38.
- Cost of excavation for Approach Footing included with Concrete Structures.
- For Porous Granular Embankment (Special) and drainage treatment details see sheet 2 of 38.