### 2 @ 10 x 7 REINFORCED CONCRETE BOX BRIDGE

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Grid No.</th>
<th>Bar Diam.</th>
<th>Bar Spacing</th>
<th>Bar Length</th>
<th>Cover</th>
<th>S.D.</th>
<th>Self-Weight</th>
<th>Unit Weight</th>
<th>Weight Per Linear Foot</th>
<th>Weight Per Cubic Foot</th>
</tr>
</thead>
</table>

**Figure Description:**
- Bar Diam.: Diameter of reinforcing bars.
- Bar Spacing: Spacing between bars in feet.
- Bar Length: Length of reinforcing bars in feet.
- Cover: Clear distance between the top of the reinforcing bars and the bottom of the web in inches.
- S.D.: Depth of the reinforcing concrete box in inches.
- Self-Weight: Weight per linear foot of the box in pounds.
- Unit Weight: Unit weight of the concrete in pounds per cubic foot.
- Weight Per Linear Foot: Weight per linear foot of the box in pounds.
- Weight Per Cubic Foot: Weight per cubic foot of the box in pounds.

**Note:**
- Maximum fill height shown is measured from the bottom of the top slab. To obtain the total fill height from the flow line, add the height of the box.
- When height fill above the top slab is less than 1 foot, the top mat of reinforcing in the top slab shall be constructed with 1/2-inch of concrete cover.

**State of Arizona Department of Transportation:**
- Standard Reinforced Concrete Box Bridge
- Interior Section
- 2 Barrels at 10'-0''
- Clear Heights: 7'-0'' through 10'-0''
- 0'' through 60'' Fill

**Design:**
- Generated by: Bruce Linhart, PE
- Checked by: Bruce Linhart, PE
- 2010

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### 2 @ 10 x 8 REINFORCED CONCRETE BOX BRIDGE

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
<th>Grid No.</th>
<th>Bar Diam.</th>
<th>Bar Spacing</th>
<th>Bar Length</th>
<th>Cover</th>
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- Unit Weight: Unit weight of the concrete in pounds per cubic foot.
- Weight Per Linear Foot: Weight per linear foot of the box in pounds.
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**Note:**
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**State of Arizona Department of Transportation:**
- Standard Reinforced Concrete Box Bridge
- Interior Section
- 2 Barrels at 10'-0''
- Clear Heights: 7'-0'' through 10'-0''
- 0'' through 60'' Fill

**Design:**
- Generated by: Bruce Linhart, PE
- Checked by: Bruce Linhart, PE
- 2010

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### 2 @ 10 x 9 REINFORCED CONCRETE BOX BRIDGE

<table>
<thead>
<tr>
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<th>Date</th>
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<th>Bar Spacing</th>
<th>Bar Length</th>
<th>Cover</th>
<th>S.D.</th>
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- Bar Length: Length of reinforcing bars in feet.
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- S.D.: Depth of the reinforcing concrete box in inches.
- Self-Weight: Weight per linear foot of the box in pounds.
- Unit Weight: Unit weight of the concrete in pounds per cubic foot.
- Weight Per Linear Foot: Weight per linear foot of the box in pounds.
- Weight Per Cubic Foot: Weight per cubic foot of the box in pounds.

**Note:**
- Maximum fill height shown is measured from the bottom of the top slab. To obtain the total fill height from the flow line, add the height of the box.
- When height fill above the top slab is less than 1 foot, the top mat of reinforcing in the top slab shall be constructed with 1/2-inch of concrete cover.

**State of Arizona Department of Transportation:**
- Standard Reinforced Concrete Box Bridge
- Interior Section
- 2 Barrels at 10'-0''
- Clear Heights: 7'-0'' through 10'-0''
- 0'' through 60'' Fill

**Design:**
- Generated by: Bruce Linhart, PE
- Checked by: Bruce Linhart, PE
- 2010

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### 2 @ 10 x 10 REINFORCED CONCRETE BOX BRIDGE

<table>
<thead>
<tr>
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<th>Date</th>
<th>Grid No.</th>
<th>Bar Diam.</th>
<th>Bar Spacing</th>
<th>Bar Length</th>
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- Self-Weight: Weight per linear foot of the box in pounds.
- Unit Weight: Unit weight of the concrete in pounds per cubic foot.
- Weight Per Linear Foot: Weight per linear foot of the box in pounds.
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**State of Arizona Department of Transportation:**
- Standard Reinforced Concrete Box Bridge
- Interior Section
- 2 Barrels at 10'-0''
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