### UTAH BULB TEE GIRDERS, UBTXX

<table>
<thead>
<tr>
<th>GIRDUR TYPE</th>
<th>DEPTH (IN)</th>
<th>WEIGHT (LBS/FT)</th>
<th>AREA (IN²)</th>
<th>Iₓ CG (IN)</th>
<th>Yb (IN)</th>
<th>Dw (IN)</th>
<th>De (IN)</th>
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### UTAH POST-TENSIONED BULB TEE GIRDERS, UBTXX-PT

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### UTAH DECK BULB TEE GIRDERS, UDBTXX

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### UBTXX-PT

- **Type**: STANDARDS BRIDGE SD-08 PRESTRESSED CONCRETE GIRDERS INFORMATION.
- **Structure Number**: SD-08.
- **Drawing Number**: UBTXX-PT.
- **Page**: 3.

### Notes

1. Use working standards suitable for preliminary drawings. Complete these indicated by blue text boxes. Delete blue text boxes prior to submission. All drawings list minimum sizes and conforming requirements. Designers are responsible for the following:
   - Use true representative requirements.
   - Use minimum representative requirements.
   - Use intermediate requirements.
   - Use maximum representative requirements.
   - Use maximum requirements.

2. Refer to the UDOT for additional design requirements and SD-16 for required detail calculations and minimum-harsh requirements.

3. Typical material and geometric limitations:
   - **Max F_y = 36 ksi**
   - **Max F_p = 5 ksi**
   - **Max F_t = 3 ksi**
   - **Max A = 3 ft²**
   - **Max A_t = 3 ft²**
   - **Max B = 3 ft²**
   - **Max B_t = 3 ft²**
   - **Max C = 3 ft²**
   - **Max C_t = 3 ft²**
   - **Max D = 3 ft²**
   - **Max D_t = 3 ft²**
   - **Max E = 3 ft²**
   - **Max E_t = 3 ft²**

4. Typical design considerations:
   - Use true representative requirements except for girder design.
   - Do not use maximum estimated and minimum design.
   - Use intermediate requirements in the design but do not include it in the section properties.
   - Use intermediate requirements in the design but do not include it in the section properties.
   - Use intermediate requirements in the design but do not include it in the section properties.
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5. Use UDOT-7 for all girders unless otherwise specified. When the span is less than 150 ft long and the span is less than 100 ft long, the span is greater than 100 ft long, and/or the span is greater than 100 ft long and/or the span is greater than 100 ft long.

6. Refer to UDOT standard specifications for additional materials and construction requirements. Applicable standard specifications include but not limited to 03211, 03213, and 03215.

7. The UDOT minimum duct size supports the requirements of ASD/RF 5.4.2 for UBTXX-PT girders.