Sample TSL plans which indicate a range of grade separation and stream crossing structures, as well as retaining walls have been developed to provide planners with a quick reference for bridge planning policy and presentation methods. Sample TSL’s may be accessed by clicking on the links below.

<table>
<thead>
<tr>
<th>TSL Ex. #</th>
<th>Type and Description</th>
</tr>
</thead>
</table>
| **TSL Ex. 1** | Straight Interstate over Interstate  
- Dual Two Span Structure  
- Superstructure Type: Steel Plate Girder  
- Abutment Type: Integral  
- Pier Type: Multi-Column Grade Separation, Footing Supported |
| **TSL Ex. 2** | Straight Highway over River  
- Three Span Structure  
- Superstructure Type: Steel Plate Girder  
- Abutment Type: Integral  
- Pier Type: Column-Web Wall Drilled Shaft Bent |
| **TSL Ex. 3** | Straight Structure on Curved Highway over Creek  
- One Span Structure  
- Superstructure Type: Steel Wide flange  
- Abutment Type: Integral |
| **TSL Ex. 4** | Curved Structure on Curved Roadway over Highway  
- Three Span Structure  
- Superstructure Type: Steel Wide flange  
- Abutment Type: Stub  
- Pier Type: Single Hammerhead Grade Separation, Footing Supported |
| **TSL Ex. 5** | Straight Highway over Highway  
- Dual One Span Structure  
- Superstructure Type: Steel Plate Girder  
- Abutment Type: Vaulted (Filled) |
| **TSL Ex. 6** | Flared Structure at Highway Intersection over Creek  
- Three Span Structure  
- Sidewalk  
- Superstructure Type: Steel Wide flange  
- Abutment Type: Stub  
- Pier Type: Solid Wall Pile Bent |
| TSL Ex. 7 | Straight Highway over Railroad  
- Three Span Structure  
- Sidewalk  
- Superstructure Type: Steel Wide Flange  
- Abutment Type: Integral  
- Pier Type: Multi-Column Railroad Pier, Footing Supported |
|----------|--------------------------------------------------|
| TSL Ex. 8 | Straight Highway over Railroad  
- Three Span Structure  
- Superstructure Type: P.P.C. I-Beam  
- Abutment Type: Stub  
- Pier Type: Multi-Column Railroad Pier, Footing Supported |
| TSL Ex. 9 | Straight Highway over Creek  
- Three Span Structure  
- Superstructure Type: P.P.C. I-Beam  
- Abutment Type: Integral  
- Pier Type: Solid Wall Pile Bent |
| TSL Ex. 10 | Straight Highway over Creek  
- Three Span Structure  
- Superstructure Type: P.P.C. I-Beam  
- Abutment Type: Integral  
- Pier Type: Solid Wall Pile Bent |
| TSL Ex. 11 | Straight Highway over Creek  
- Three Span Structure  
- Superstructure Type: Concrete Slab  
- Abutment Type: Integral  
- Pier Type: Solid Wall Pile Bent |
| TSL Ex. 12 | Straight Highway over Highway  
- Four Span Structure  
- Superstructure and Abutment Replacement  
- Superstructure Type: Steel Wide Flange  
- Abutment Type: Integral |
| TSL Ex. 13 | Straight Highway over Creek  
- Three Span Structure  
- Deck Replacement and Abutment Conversion  
- Abutment Type: Semi-Integral |
| TSL Ex. 14 | Straight Highway over Creek  
- Two Barrel Box Culvert (Embankment Fill on Top Slab) |
<table>
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</table>
| TSL Ex. 15 | Straight Highway over Creek  
- Three Barrel Box Culvert (No Embankment Fill on Top Slab) |
| TSL Ex. 16 | Straight Highway over Creek  
- Two Cell Three Sided Pre-Cast Structure (Embankment Fill on Top Slab) |
| TSL Ex. 17 | Retaining Wall along Highway  
- Drilled Soldier Pile Retaining Wall |
| TSL Ex. 18 | Retaining Wall along Highway  
- Mechanically Stabilized Earth (MSE) Retaining Wall |