## Sample Type Size and Location Plans

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.

TSL Ex. #	Type and Description
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

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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)

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