

# FANTASY INTERCHANGES

Imagine that you were in charge of your state DOT, and you were asked to design a new intersection. What would your design look like? Well, here are a few ideas for your consideration. Some will probably never see the light of day, but they're a whole lot fun to look at. Check out these cool designs and enjoy!

## PAGE 4

UPPER LEFT--*Double jug handle*

**DESCRIPTION:** This intersection looks like a regular freeway interchange, but two surface streets pass through here. All turning traffic would use the ramps provided.

UPPER RIGHT--*One-way SPUI*

**DESCRIPTION:** Two ramps meet at a single point. One ramp provides access to the one-way street, and another ramp provides access to the freeway.

LOWER LEFT--*SPUPCLO (Single-point urban partial cloverleaf)*

**DESCRIPTION:** This intersection utilizes a partial cloverleaf design with SPUI-style ramps leading to/from the surface street. Note the curving ends of the entrance ramps in the middle.

LOWER RIGHT--*Three-street interchange*

**DESCRIPTION:** Three streets cross over the freeway at a single point.

## PAGE 5

UPPER LEFT--*Roundabout diamond*

**DESCRIPTION:** This interchange has become more popular in urban areas. It uses two roundabouts for easier access on and off the freeway.

UPPER RIGHT--*Reverse diamond (Also Diverging diamond)*

**DESCRIPTION:** The surface boulevard has its travel lanes reversed so that traffic is on the "wrong" side of the road. Left turns onto the boulevard can be made much easier than on a conventional diamond.

LOWER LEFT--*Crossover "T"*

**DESCRIPTION:** The through freeway has its travel lanes reversed so that traffic is on the "wrong" side of the road.

LOWER RIGHT--*Reverse diamond 2*

**DESCRIPTION:** Same as the reverse diamond, except that both the freeway and the boulevard have their travel lanes reversed.

## **PAGE 6**

### *Deluxe diamond*

**DESCRIPTION:** This modified diamond has four additional ramps that cross over/under the freeways and then turn back in the opposite direction. A great alternative to stack interchanges.

## **PAGE 7**

### *Inverted cloverleaf*

**DESCRIPTION:** All four cloverleaf ramps are inside the interchange.

## **PAGE 8**

### *Deluxe stack*

**DESCRIPTION:** This modified stack has eight additional ramps to provide access to surface streets.

## **PAGE 9**

### *Deluxe stack 2*

**DESCRIPTION:** Same as deluxe stack, except with additional outside ramps for access to surface streets.

## **PAGE 10**

### *Seven-way interchange*

**DESCRIPTION:** This interchange has three through freeways, and a fourth one starts here.

## **PAGE 11**

### *Eight-way interchange*

**DESCRIPTION:** This interchange has four through freeways.

## **PAGE 12**

### *Eleven-way interchange*

**DESCRIPTION:** This interchange has five through freeways, and a sixth one starts here.

## **PAGE 13**

### *Twelve-way interchange*

**DESCRIPTION:** This interchange has six through freeways. The interchange in the middle is a cloverleaf, the rest are stacks.

**PAGE 14**

*Fourteen-way interchange*

**DESCRIPTION:** This interchange has five through freeways, with four more beginning here.





















