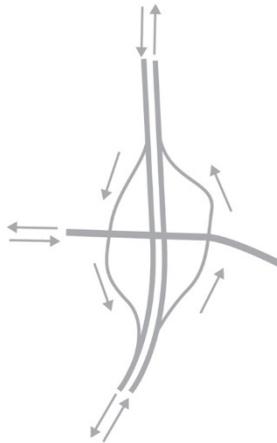
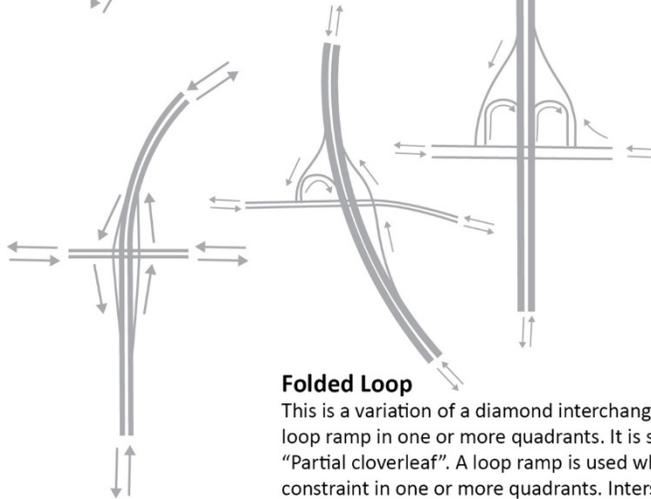


**Figure 2-1: Proposed Interchange Types**

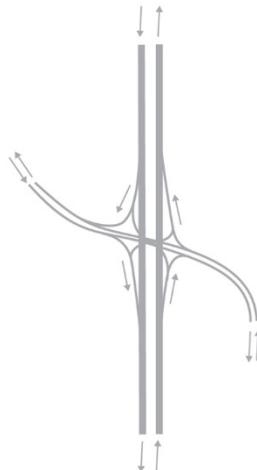
**Diamond**  
 Consists of an overpass with two intersections on either side for the ramp connections. Flow can be controlled via stop signs, signals or roundabouts depending on the traffic volumes. Generally used in rural areas.



**Tight Diamond**  
 Consists of an overpass with two intersections on either side for the ramp connections. Flow is usually controlled via traffic signals or roundabouts. Generally used in urban areas. The ramps are typically spaced at 400 feet from the mainline, due mainly to restrictions of adjacent land use.

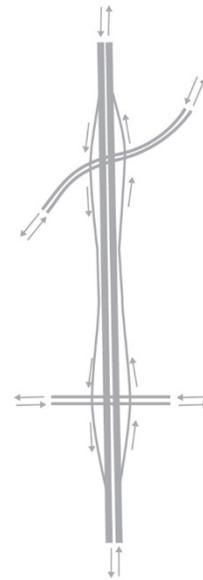


**Single-Point**  
 This is a variation of a tight diamond interchange in which the ramps and crossroad traffic converge at a single intersection which is controlled by a traffic signal. It is generally used when left-turning ramp movements dominate the traffic movements.



**Split Diamond**

Consists of overpasses at two crossroads with frontage roads connecting the two halves. This interchange type is used for roads that are too close for a standard interchange but still have access needs at both locations. The ramp lanes are continuous between the two overpasses with no access to the mainline until the motorist passes the second crossing. Flow is controlled via stop signs, traffic signals or roundabouts at each crossroad intersection.



**Folded Loop**

This is a variation of a diamond interchange in which there is a loop ramp in one or more quadrants. It is sometimes called a "Partial cloverleaf". A loop ramp is used when there is a physical constraint in one or more quadrants. Intersection on the cross street can be controlled by stop signs, roundabouts or signals depending on traffic volumes. Ramp spacing is similar to a standard diamond.

**Diverging Diamond**

This is a variation of a diamond interchange in which the two directions of traffic on the non-freeway road cross to the opposite side of the street while driving through the interchange. It is unusual in that traffic on the crossing street briefly drives on the opposite side of the road from what is customary. The diverging diamond interchange improves traffic flow by removing all left turn movements from the interchange.

