

- Carefully selected landscaping is the most effective way to ensure high visibility of the median and median **crossovers**.
- Landscaping of the median nose for visibility is especially important where long left-turn lanes are used. The choice of vegetation and the landscaping design must ensure that sight distance is not obstructed.
- Overlapping of the separators of a directional median **crossover** restricts movements to the intended left turn or U-turn.
- Directional median **crossovers** will accommodate U-turns by automobiles where the separation is at least 4 feet wide and there are three opposing lanes. Where there are two opposing lanes a triangular flare of 10 feet along the intersecting roadways and at least 20 feet along the major roadways will allow an automobile to execute a U-turn.

Advantages

- The directional median **crossover** for left turns and U-turns improves safety by limiting the number and location of conflict points and by prohibiting direct crossing.
- Right-angle crashes are avoided because vehicles are prevented from crossing where the median width is not sufficient for drivers to cross one-traffic stream at a time.

Disadvantages

- Cross-median movements are limited to specific locations and to specific turns.
- It is not practical to design for U-turns executed by large vehicles in all directions.