Realigned Intersections... (modified intersections)

Realigned intersections are changes in alignment that convert T-intersections with straight approaches into curving streets that meet at right-angles. A former "straight-through" movement along the top of the T becomes a turning movement. While not commonly used, they are one of the few traffic calming measures for T-intersections, because the straight top of the T makes deflection difficult to achieve, as needed for Traffic Circles. They are good for T-intersections.

Advantages:

- Realigned Intersections can be effective reducing speeds and improving safety at a T-intersection that is commonly ignored by motorists

Disadvantages:

- The curb realignment can be costly
- They may require some additional right-of-way to cut the corner

Effectiveness:

- No data has been compiled on the effects of realigned intersections

Similar Measures:

- A T-intersection can also be calmed using a Traffic Circle, but special provisions are needed to ensure that there is horizontal deflection along the top of the T. Either:
  - The curb along the top of the T must be widened to accommodate the circulating lane
  - An approach deflection island must be constructed for vehicles approaching along the top of the T
- If vertical measures are acceptable, then a T-intersection can be calmed using a Raised Intersection

Cost Estimate(s):

- varies by curve radii and size of right-of-way acquisition, if required

Boulder, CO - Here, pavement has been altered but there were no curbs to modify.

Deerfield Beach , FL - Again, these roadways have no curbs, so modification is relatively inexpensive.

Seattle, WA - This urban residential intersection uses an island to deflect the through street.

Home Definition History Types of Measures Effectiveness Programs References

Tampa, FL - Vehicles traveling along the top of the "T" queue up at the realigned intersection to continue their paths.