

Iowa DOT Intersection Control Evaluation (ICE) Supporting Guidance

Intersection Alternative Cost Ranges

Ranges of expected cost (year 2024 dollars) for intersections alternatives are provided in the table below. This information should be used as a guide to support ICE evaluation when determining if the range of expected cost for an intersection alternative meets local and lowa DOT expectations for improvements at an intersection. The cost ranges in the table below were developed based on State intersection cost estimating tools and costs for completed intersection projects. Costs assume minimal right-of-way acquisition.

| Intersection Alternative | Range of Expected Cost |
|----------------------------|---------------------------|
| All-way stop | \$5,000 |
| Right-In/Right-Out | \$50,000 |
| Right-In/Right-Out/Left-In | \$50,000 |
| Signalized Intersection | \$300,000 - \$500,000 |
| Single-lane Roundabout | \$2,000,000 - \$3,000,000 |
| Multilane Roundabout | \$2,500,000 - \$4,000,000 |
| Offset-T | \$1,500,000 - \$3,000,000 |
| Unsignalized RCI | \$1,000,000 - \$2,000,000 |
| Signalized RCI | \$1,500,000 - \$2,500,000 |
| Median U-Turn | \$1,500,000 - \$2,500,000 |
| Continuous Green-T | \$1,000,000 - \$1,500,000 |
| Displaced Left-Turn | \$2,000,000 - \$2,500,000 |
| Quadrant Roadway | \$2,500,000 - \$4,000,000 |
| Jughandle | \$2,500,000 - \$4,000,000 |