

US 30 Intersection Traffic Control Alternatives



US 30 Corridor Plan
Iowa DOT – NHSX-030-4(94)--3H-08



| Time Period | Intersection Control | Example | Crash Potential | Delay | Timeline to Design & Construct | Cost |
|------------------------|-------------------------------------|---------|-----------------|---|--------------------------------|--------------------------|
| Existing | Two-way & All-way STOP | | ↑ | Current Intersection. Delay will increase with traffic growth. | Existing | \$ |
| Short Term | Median Closure (Right-in/Right-out) | | ↓ | Travel time increase due to some re-routing to other nearby roads. | 1-2 Years | \$ |
| Short Term | Traffic Signal | | ↑ | US 30 delay increase due to new stops, high speed/stopped traffic. | 2-3 Years | \$\$ |
| Short Term (Preferred) | Reduced Conflict Intersection (RCI) | | ↓ | Out of distance travel-time comparable to time waiting for left turn. | 2-3 Years | \$\$\$ |
| Short Term (Preferred) | Roundabout | | ↓ | All traffic decreases speed and yields or stops as needed. | 2-3 Years | \$\$\$ |
| Long Term | Interchange Full Access Control | | ↓ | Added travel time along ramps; less for side road. | > 10 Years | \$\$\$\$\$ \$\$\$\$\$ |