

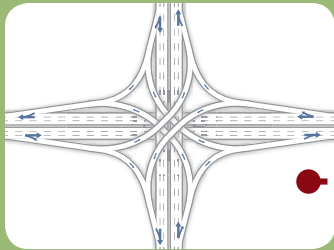
Reconstruction strategy: considerations

FRONTAGE ROADS

- Frontage roads segregate local traffic from the higher speed through traffic
- Frontage roads are used most frequently on highways where their primary function is to distribute and collect traffic between local streets and interchanges



Frontage road along I-71



I-490/I-590 interchange, Rochester, NY

INTERCHANGE LAYOUT

- Interchange configuration and design is based on many factors including traffic volumes and patterns, environmental considerations, and cost
- The most common interchange configurations fill the least space, minimize structural complexity, minimize weaving, and fit the setting
- The most widely used directional interchange is a 4-level System Interchange layout

HIGHWAY VIADUCT

- A new viaduct would conform to current design standards
- Many cities have built new viaducts that are aesthetically pleasing



Seattle viaduct rendering



Modern concrete bridge



Modern steel bridge