GRADE SEPARATION OPTIONS



The existing at-grade crossing at Old McHenry Road and the CN Railroad does not address the Project Purpose and Need.

Two grade separation options are shown on the right.

A grade separation is not expected to result in more traffic.

Design considerations for an overpass / underpass:

- Vertical Clearance
- Access to Surrounding Properties

Drainage

- Footprint
- **Underground Utilities**
- Cost
- ComEd Transmission Lines

DECISION #1: OVERPASS OR UNDERPASS?

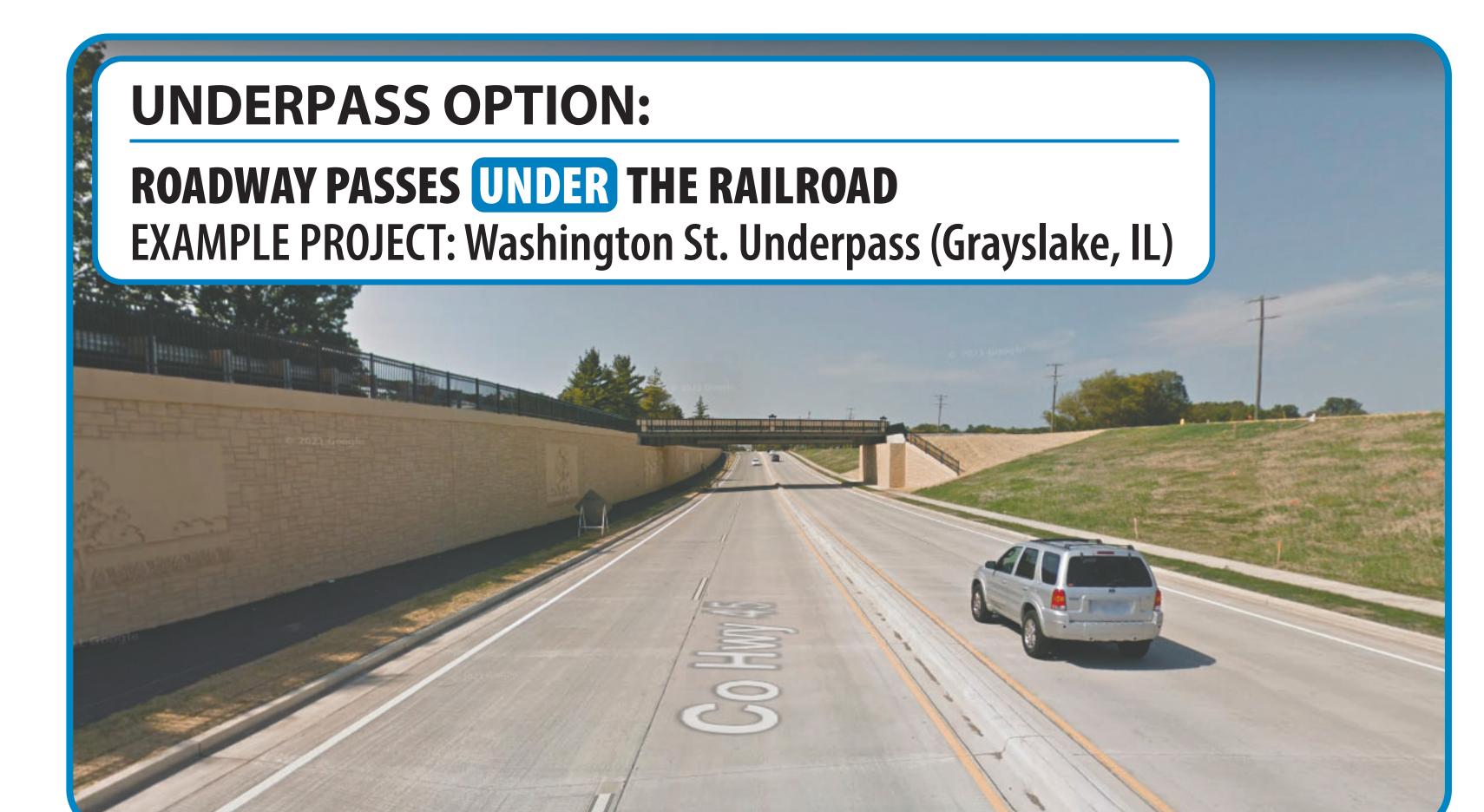
- Raise Old McHenry Road over the CN Railroad
- Lower Old McHenry Road under the CN Railroad



- Raise the CN Railroad over Old McHenry Road
- Lower the CN Railroad under Old McHenry Road 4.

Alts 3 & 4 were dropped due to fatal flaw analysis – they are cost prohibitive and would not be approved by the CN Railroad.





OVERPASS OPTION:

ROADWAY PASSES OVER THE RAILROAD

EXAMPLE PROJECT: Ogden Ave. Overpass (La Grange, IL)

