

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
- Drainage
- Underground Utilities
- ComEd Transmission Lines
- Access to Surrounding Properties
- Footprint
- Cost

DECISION #1: OVERPASS OR UNDERPASS?

1. Raise Old McHenry Road over the CN Railroad
2. Lower Old McHenry Road under the CN Railroad
3. Raise the CN Railroad over Old McHenry Road
4. Lower the CN Railroad under Old McHenry Road

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

UNDERPASS OPTION:

ROADWAY PASSES UNDER THE RAILROAD

EXAMPLE PROJECT: Washington St. Underpass (Grayslake, IL)



OVERPASS OPTION:

ROADWAY PASSES OVER THE RAILROAD

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

