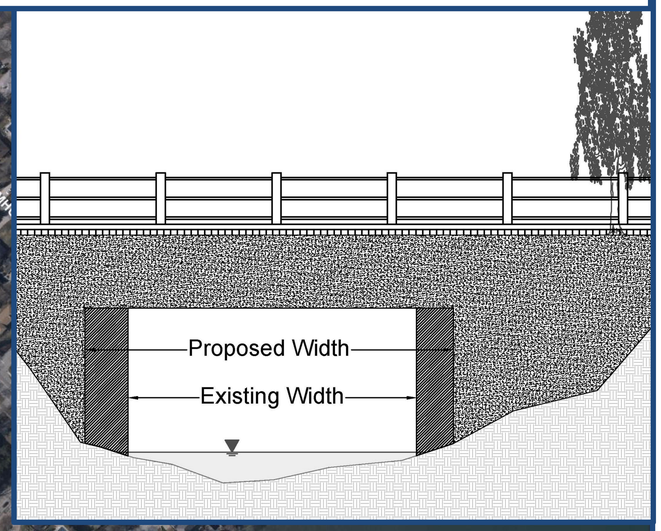
Alternative 1

Bridge Upgrades

This alternative modeled bridge widening at New Street, Regal Road, and Spruce Avenue within the existing road right-of-way and creek corridor.

Number of buildings in floodplain

- Regional storm – 99+ (no reduction)
- 100 year storm – 44+ (21% reduction)



Study Limit

Study Limit

LAKE ONTARIO

LEGEND

Existing Regional Floodline

Proposed Regional Floodline & Floodplain

Regional Floodplain

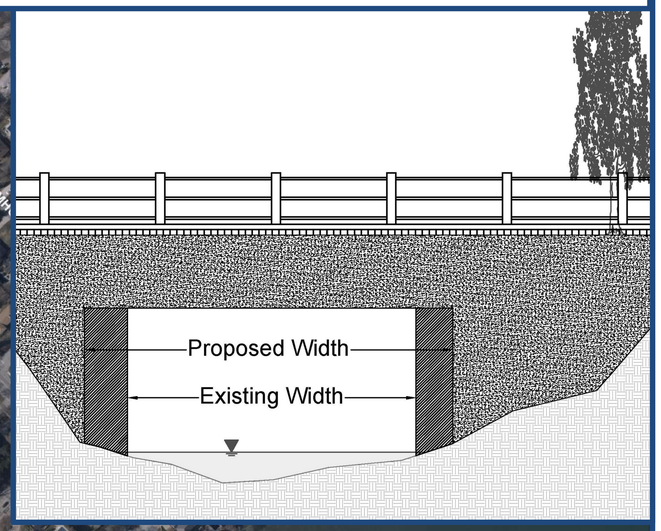
Alternative 1

Bridge Upgrades

This alternative modeled bridge widening at New Street, Regal Road, and Spruce Avenue within the existing road right-of-way and creek corridor.

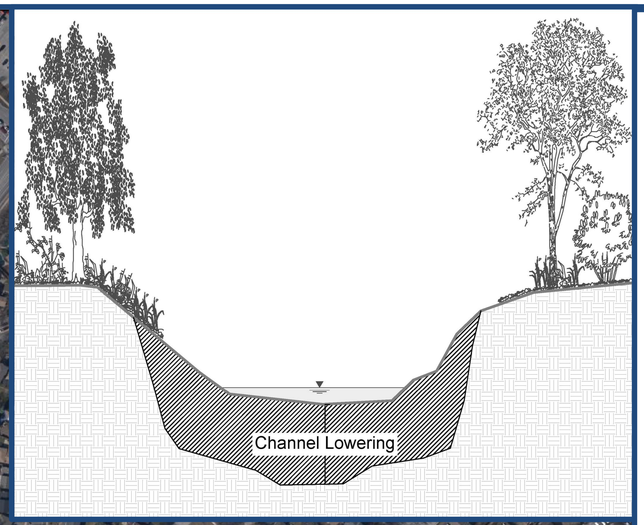
Number of buildings in floodplain

- Regional storm – 99+ (no reduction)
- 100 year storm – 44+ (21% reduction)



100-Year Floodplain

Alternative 2

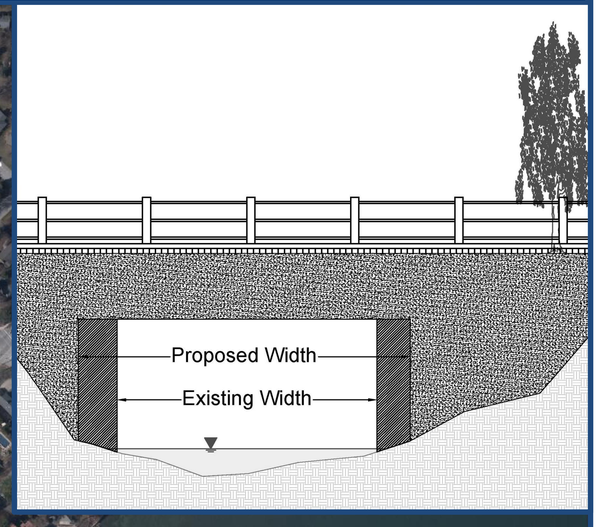


Bridge Upgrades and Channel Deepening

This alternative modeled the bridge upgrades from Alternative 1 along with deepening of the channel within the study area.

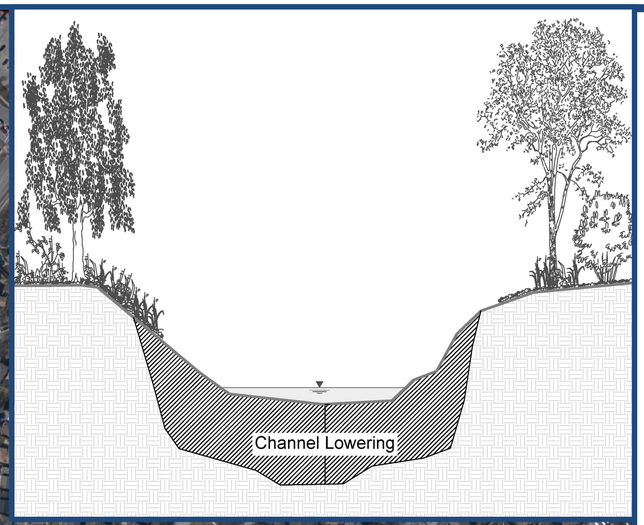
Number of buildings in floodplain

- Regional storm – 91+ (8% reduction)
- 100 year storm – 22+ (61% reduction)



Regional Floodplain

Alternative 2

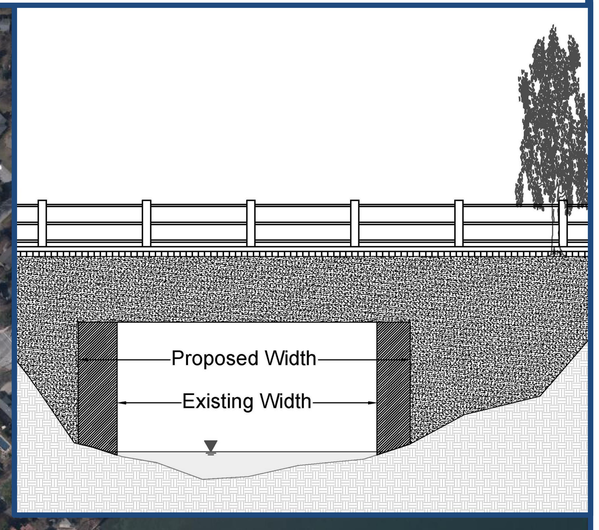


Bridge Upgrades and Channel Deepening

This alternative modeled the bridge upgrades from Alternative 1 along with deepening of the channel within the study area.

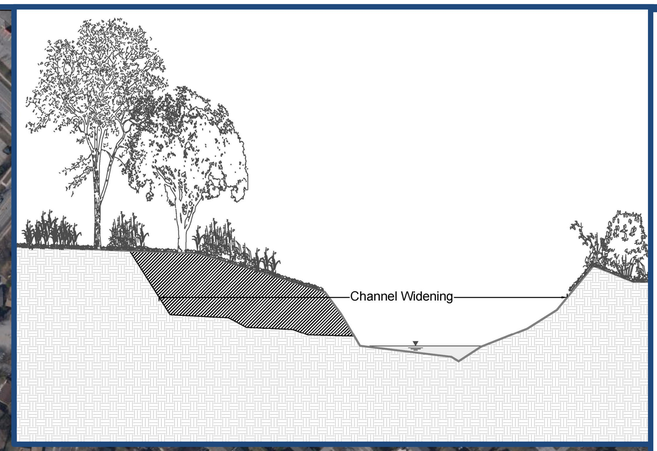
Number of buildings in floodplain

- Regional storm – 91+ (8% reduction)
- 100 year storm – 22+ (61% reduction)



100-Year Floodplain

Alternative 3

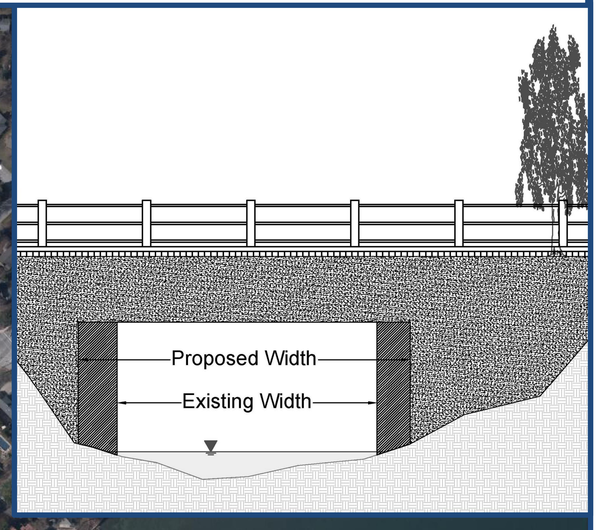


Bridge Upgrades and Channel Widening

This alternative looked at the combined effect of upgrading the bridges (as per Alternative 1) combined with widening the channel within the study area.

Number of buildings in floodplain

- Regional storm – 54+ (45% reduction)
- 100 year storm – 3 (95% reduction)



Study Limit

Study Limit

SPILL

LEGEND

Existing Regional Floodline

Proposed Regional Floodline & Floodplain

Regional Floodplain