

# Country Club Drive/Hoover Road Rail Grade Separation Study



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Public Involvement Meeting

May 6, 2014, 5:30 p.m.

Spectra Print – 2301 Country Club Drive, Stevens Point



# Agenda



- Purpose and need of study
- Project status
- Alternatives considered
- Alternatives review
- Alternatives comparison
- Next steps



# Purpose and Need of Study



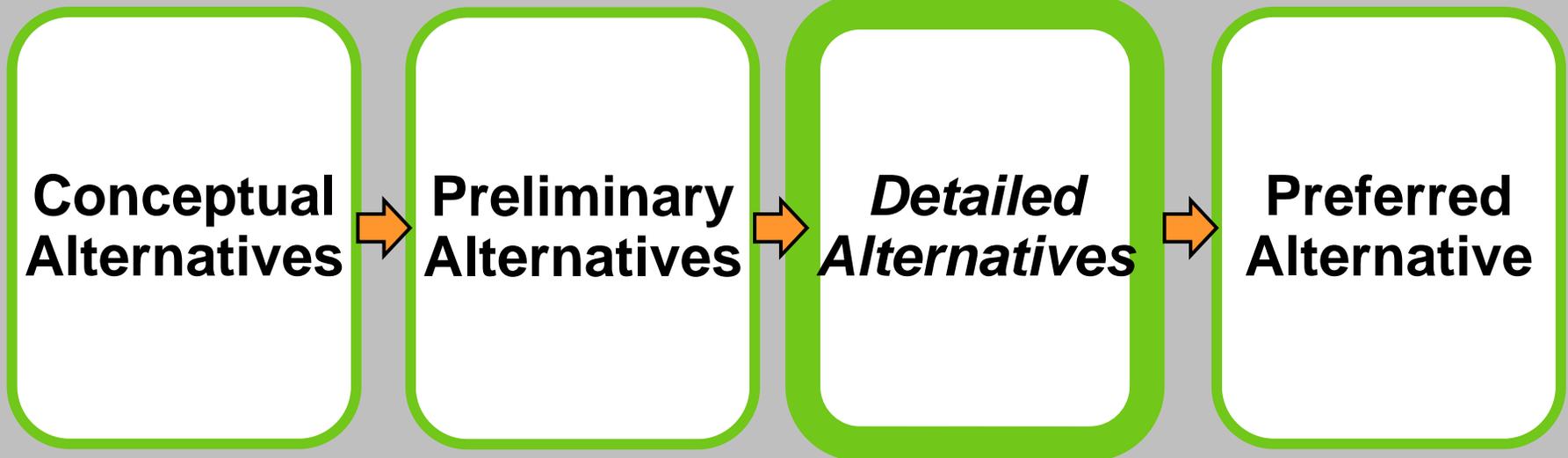
- Purpose: To develop a plan to improve the operational efficiency and safety of Hoover Road/Country Club Drive to allow the facility to serve as a key north-south link in Steven Point's transportation system
- Need:
  - Improve reliability
  - Reduce traffic delay
  - Improve railroad crossing safety
  - Enhance potential for economic development
  - Improve bike and pedestrian accommodations



# Project Status



We are here



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# Alternatives Development



1. No build
2. Grade Separation (Roadway under Railroad)
3. Grade Separation (Roadway over Railroad)
4. Eliminate Country Club Drive/Hoover Road Crossing



# Alternatives Development



1. ~~No build~~ Dropped from consideration
2. Grade Separation (Roadway under Railroad)
3. Grade Separation (Roadway over Railroad)
4. ~~Eliminate Country Club Drive/Hoover Road Crossing~~

Dropped from consideration



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# Alternatives Development



1. ~~No build~~
2. Grade Separation (Roadway under Railroad)
  - a. Full Length Retaining Walls
  - b. Retaining Walls and Slopes
3. Grade Separation (Roadway over Railroad)
  - a. Full Length Retaining Walls
  - b. Retaining Walls and Slopes
4. ~~Eliminate Country Club Drive/Hoover Road Crossing~~

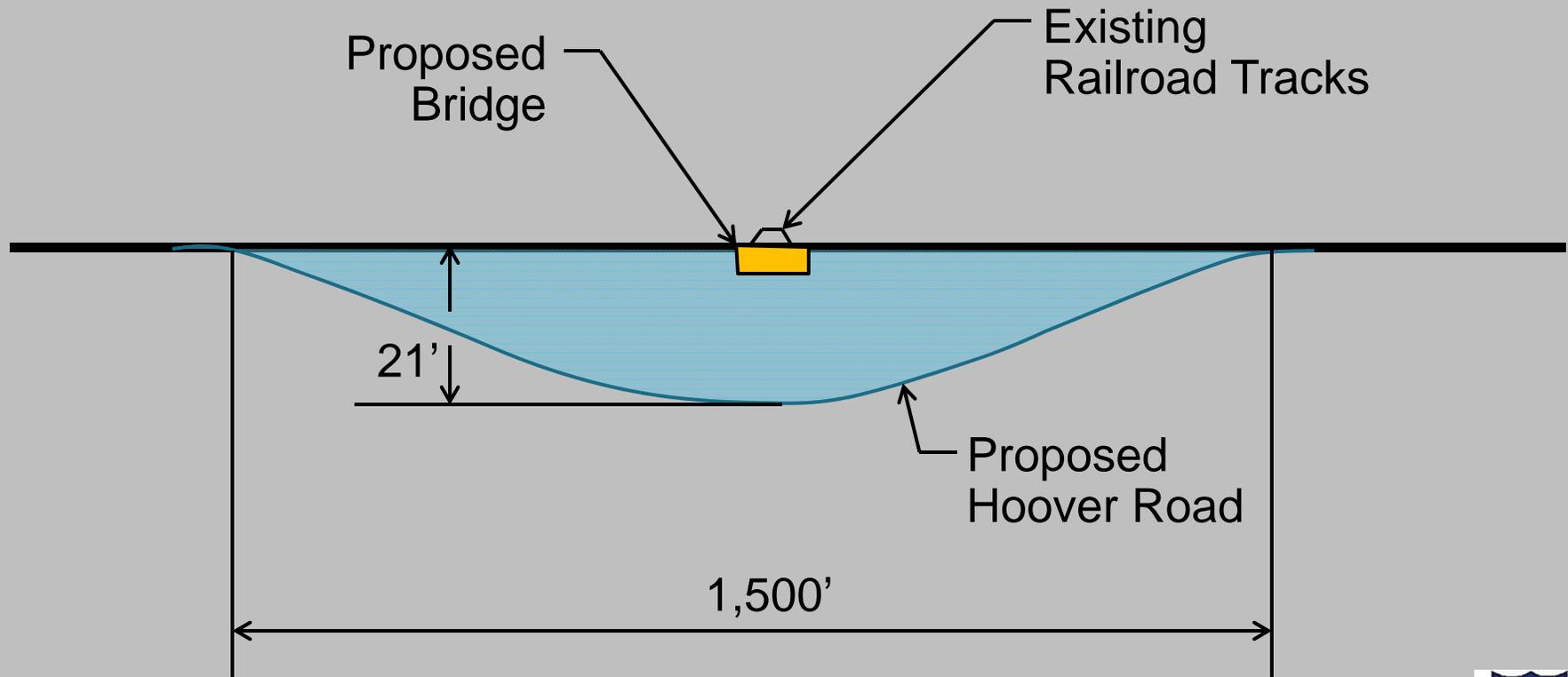


# Alternatives Review

## Road under Railroad



- Profile

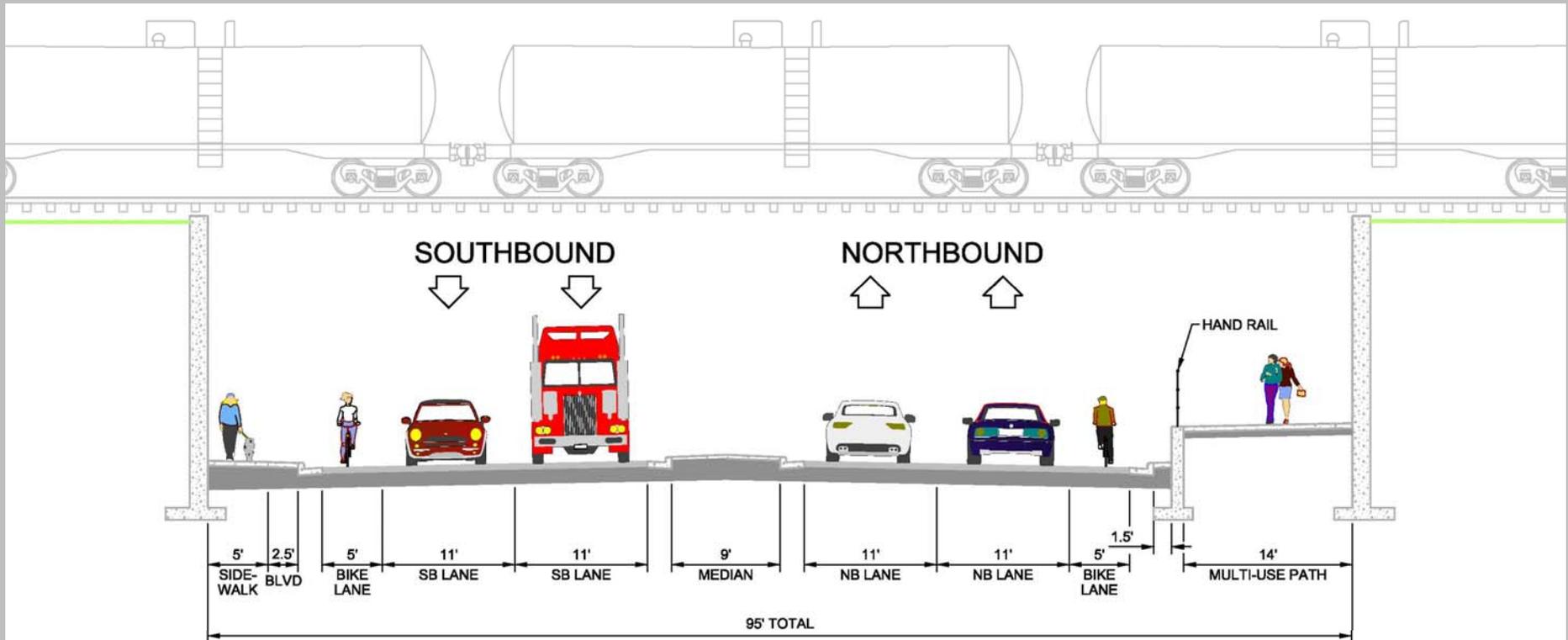


# Alternatives Review

## Road under Railroad



- Typical Section with Walls



**ALTERNATIVE 2A: HOOVER ROAD UNDER RAIL**

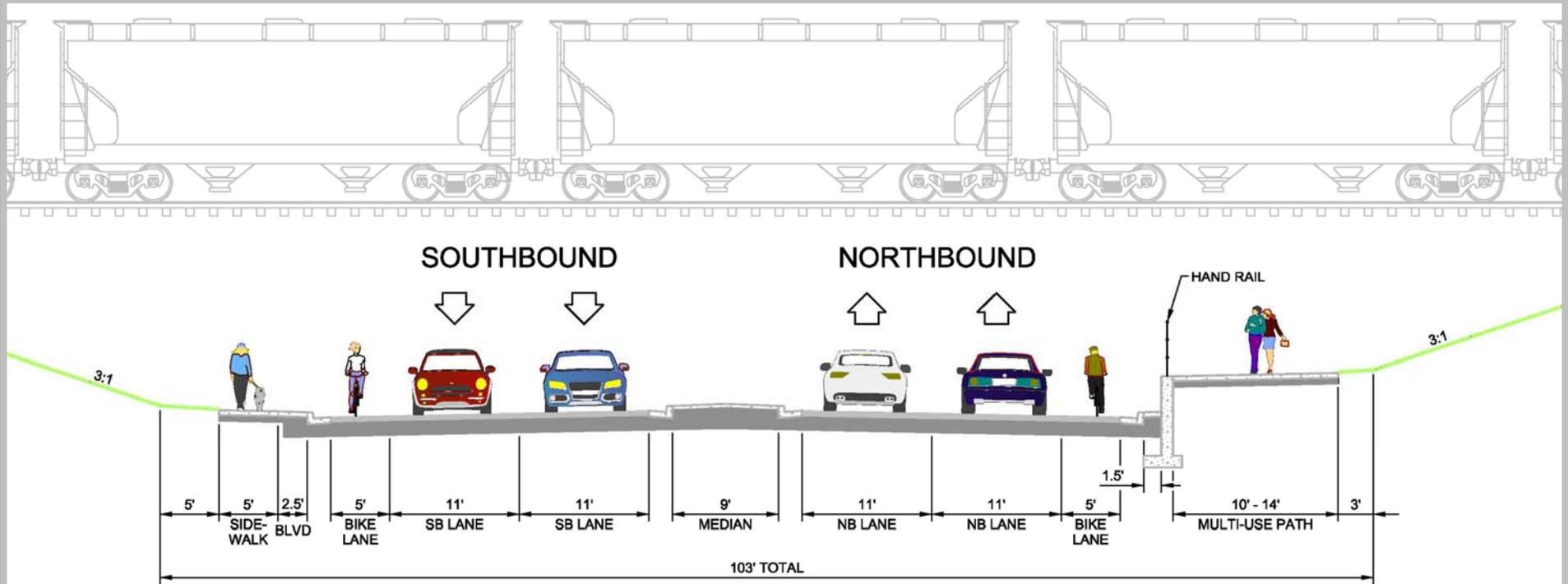
W/ RETAINING WALL

# Alternatives Review

## Road under Railroad



- Typical Section with Slopes



### ALTERNATIVE 2B: HOOVER ROAD UNDER RAIL

W/ SLOPES & RETAINING WALL

# Alternatives Review

## Road under Railroad



- Road under example – Michigan Avenue under CN Railway

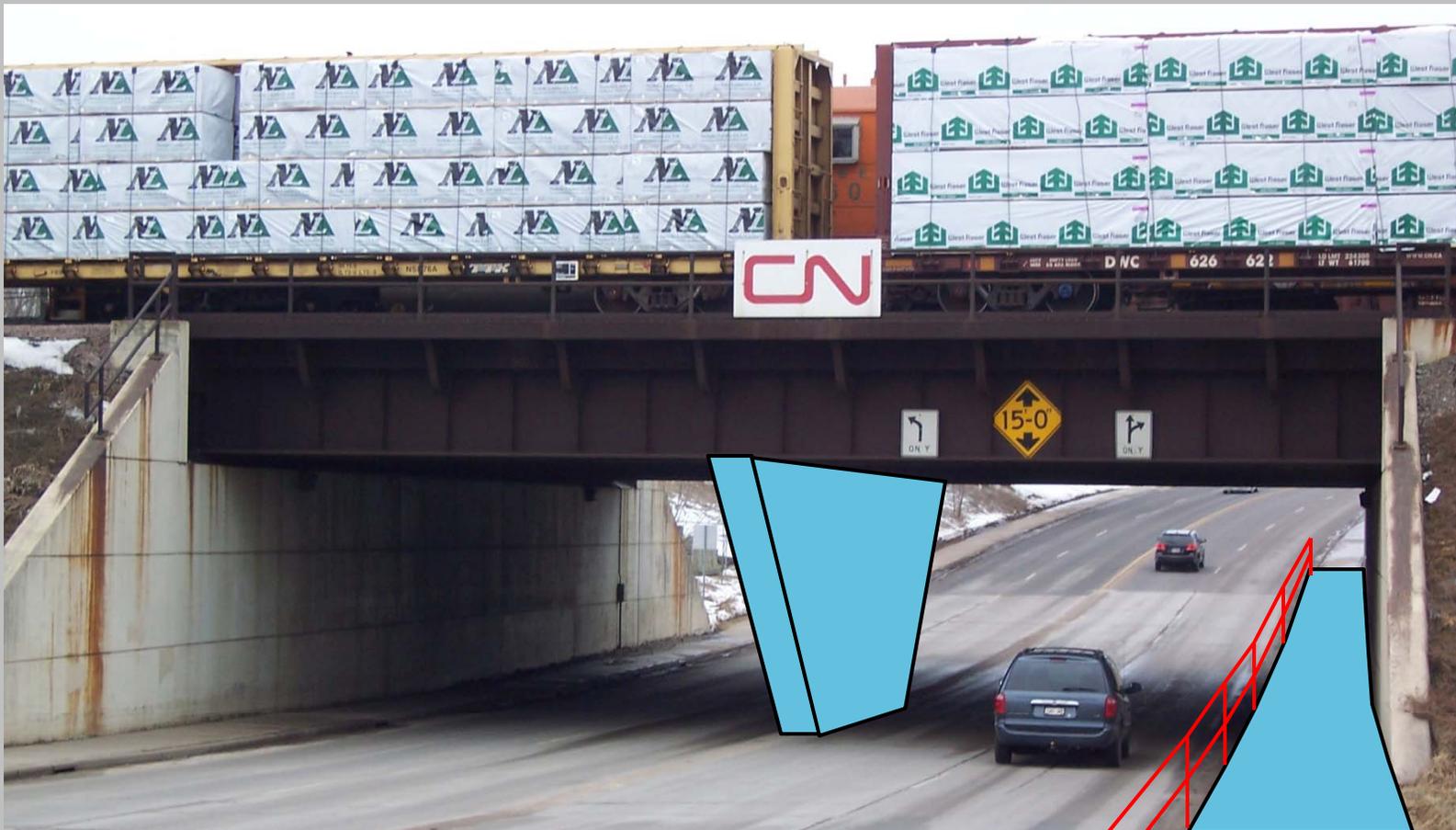


# Alternatives Review

## Road under Railroad



- Road under example – Michigan Avenue under CN Railway

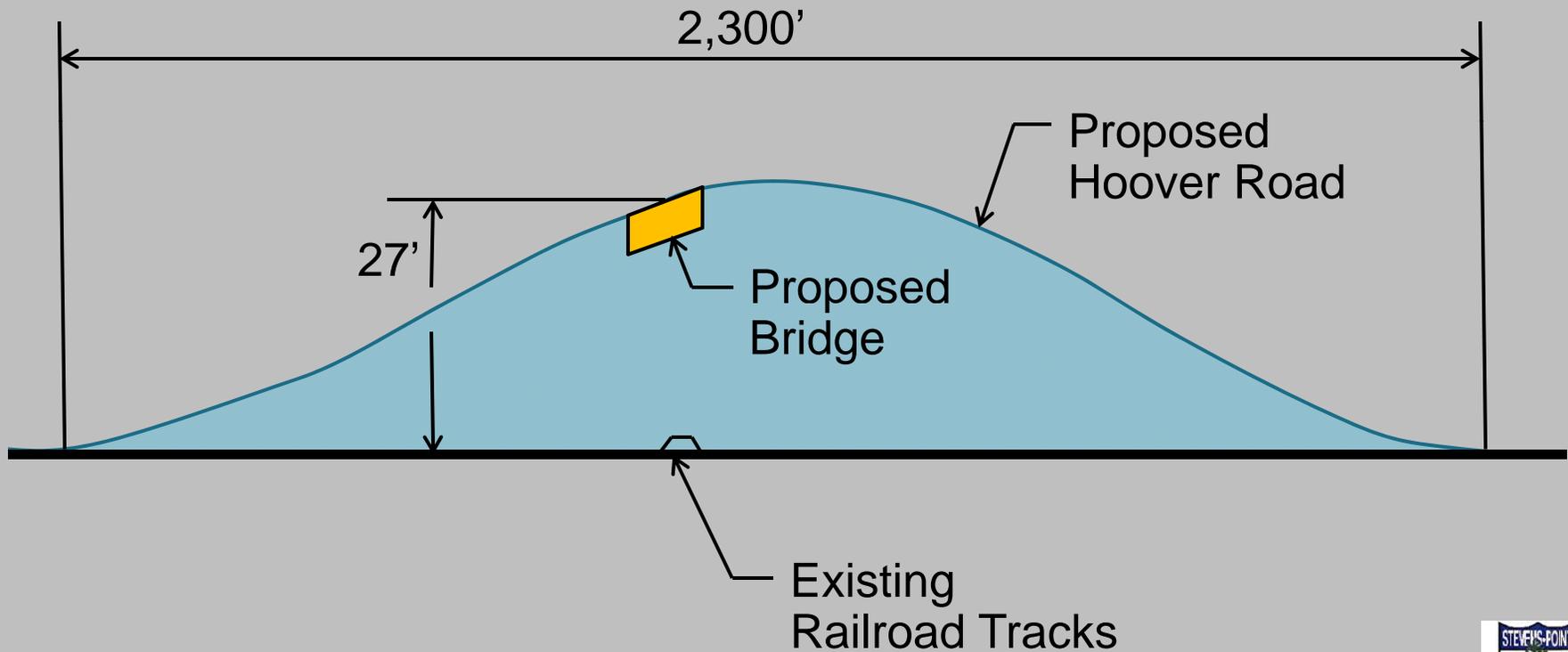


# Alternatives Review

## Road over Railroad



- Profile

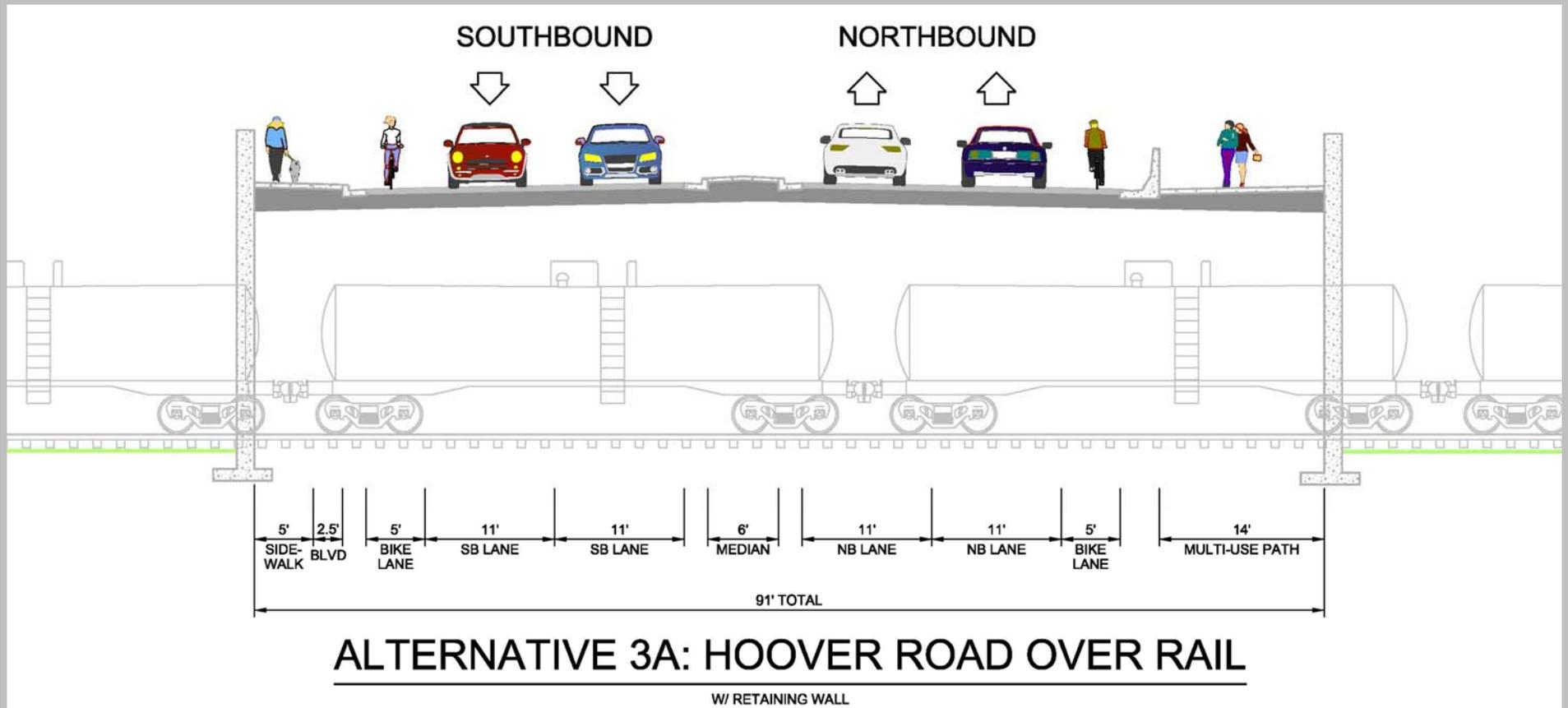


# Alternatives Review

## Road over Railroad



- Typical Section with Walls

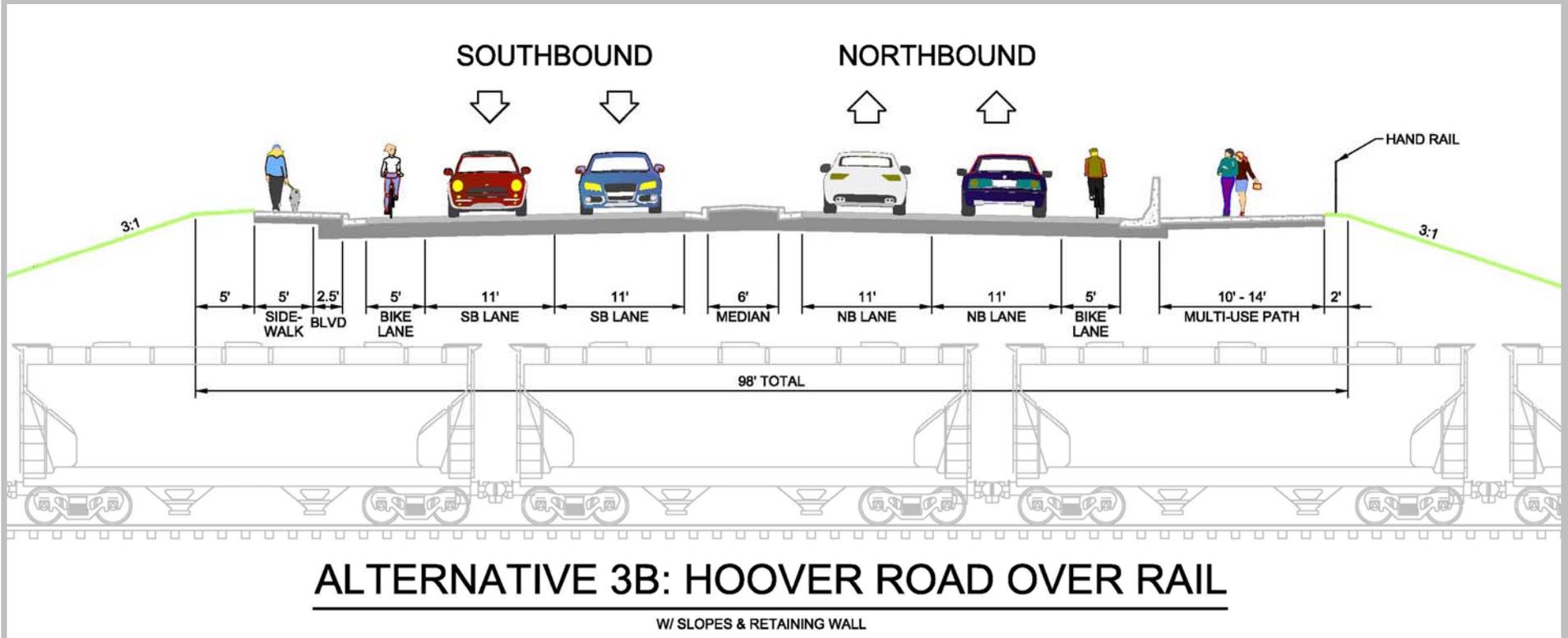


# Alternatives Review

## Road over Railroad



- Typical Section with Slopes



# Alternatives Review

## Road over Railroad



- Road over example – CTH R over CN Railway

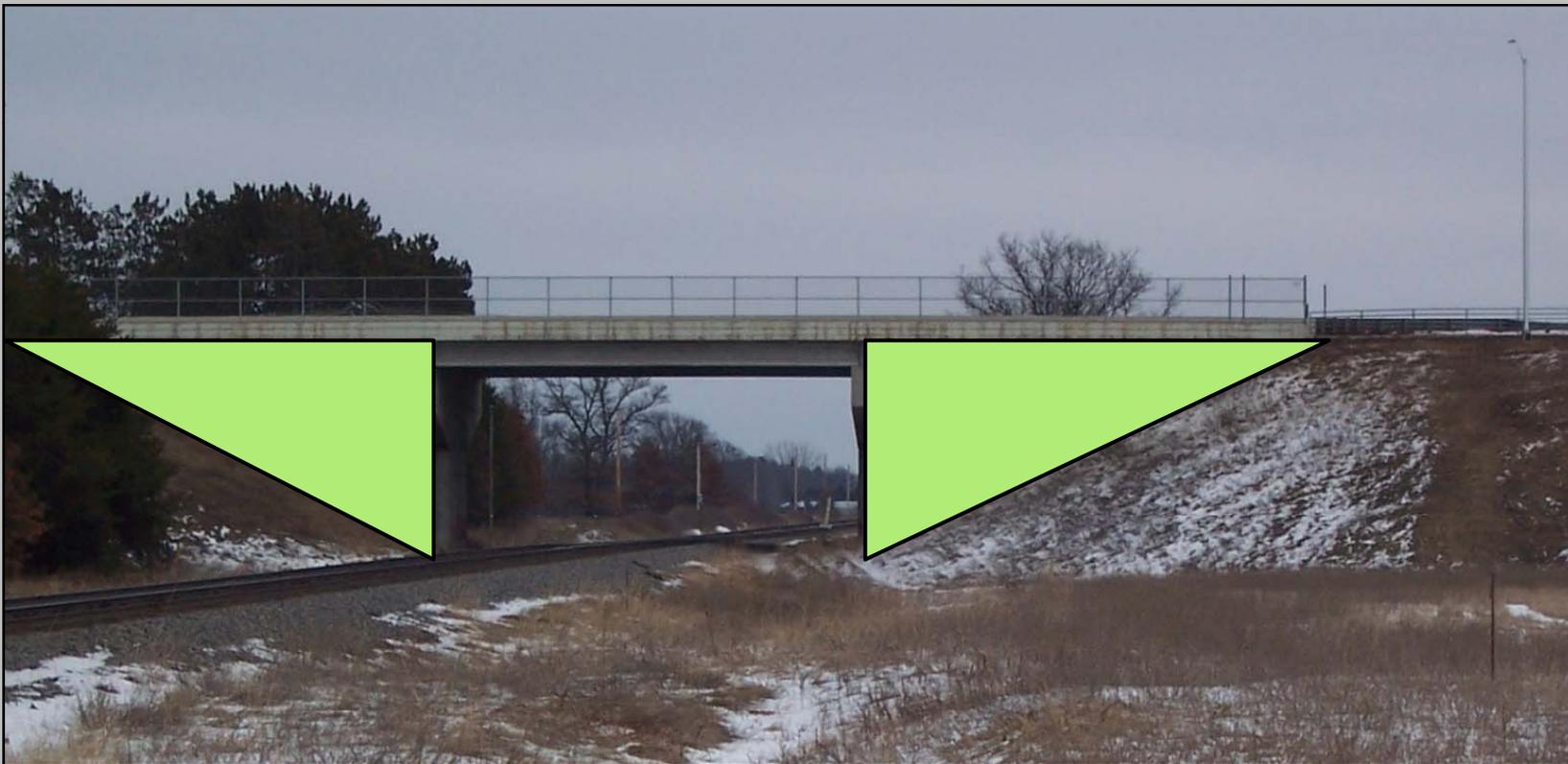


# Alternatives Review

## Road over Railroad



- Road over example – CTH R over CN Railway



# Alternatives Comparison



Comparison Factor	Road Under (Walls)	Road Under (Slopes)	Road Over (Walls)	Road Over (Slopes)
Total project cost	\$20.7 M	\$17.4 M	\$15.7 M	\$12.3 M
New right of way (acres)	6.9	7.2	4.2	7.2
Temporary easements (acres)	1.06	1.16	1.07	1.29
Project length (ft)	2,300	2,300	2,500	2,500
Cut/fill (ft)	1,500	1,500	2,200	2,200
Lift station? (for storm water)	Yes	Yes	No	No
Railroad shoo-fly?	Yes	Yes	No	No
Impact to railroad?	Moderate	Moderate	Low	Low



# Next Steps



- Select Preferred Alternative (May/June 2014)
- Environmental Report Submittal (July 2014)
- Final Design (Fall/Winter 2014)
- Construction (2017)



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## Questions?

