



**How would a streetcar change the Beltline?**



# Today's Beltline is a linear park ...



# ... a clean commuting route



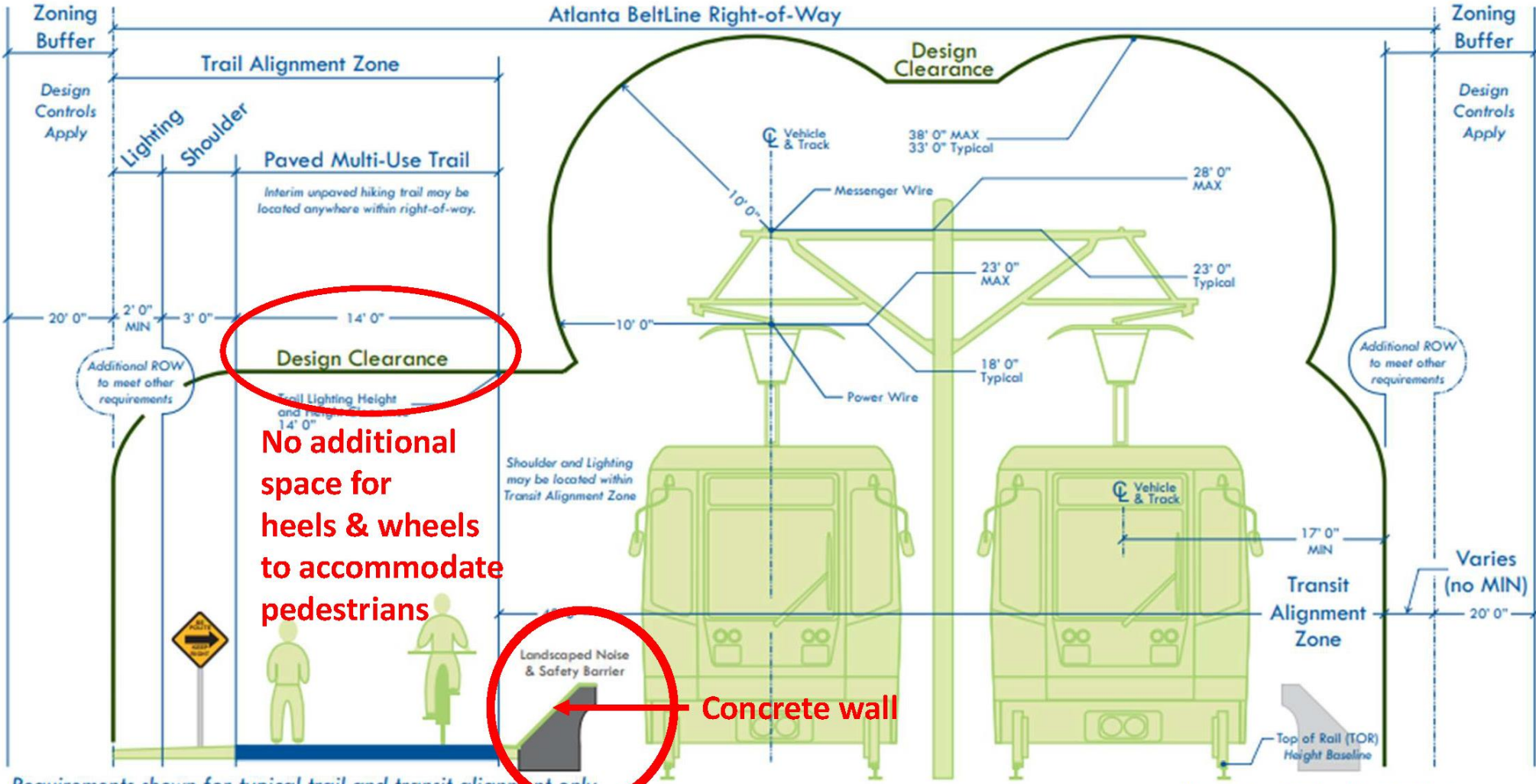
**... an explosion of creative culture!**



**But this vision is not real- *there will be barricades!***



# Actual 30% design for Eastside Trail



Requirements shown for typical trail and transit alignment only.  
 Actual requirements may vary at specific locations in the corridor for stations and based on system needs, topography, access, and other factors.

Illustrative Only: Not to Scale  
 Actual ROW width varies throughout corridor.

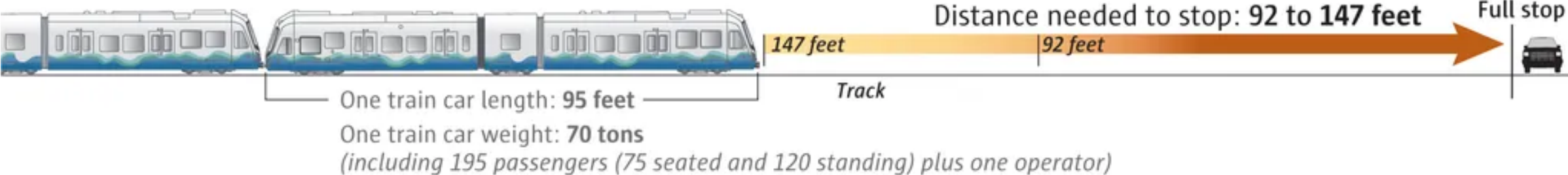
# The reality – *limited crossings and no room!*



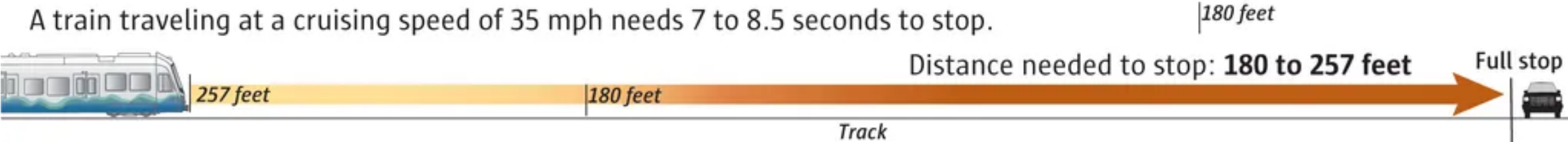
# And high speeds that divide neighborhoods

## Time and Distance needed to Safely Stop a Light-Rail Train

A train at 25 mph needs up to 6.5 seconds to stop (1.5 seconds is the driver's reaction time), at the specified deceleration rate of -5 miles per hour per second.



A train traveling at a cruising speed of 35 mph needs 7 to 8.5 seconds to stop.



Source: King County Metro Transit Safety Unit, "Hazard Analysis and Risk Assessment, Martin Luther King Corridor Grade Crossings," 2019

Reporting by MIKE LINDBLOM, graphic by MARK NOWLIN / THE SEATTLE TIMES



# And from a lush park to an urban heat island

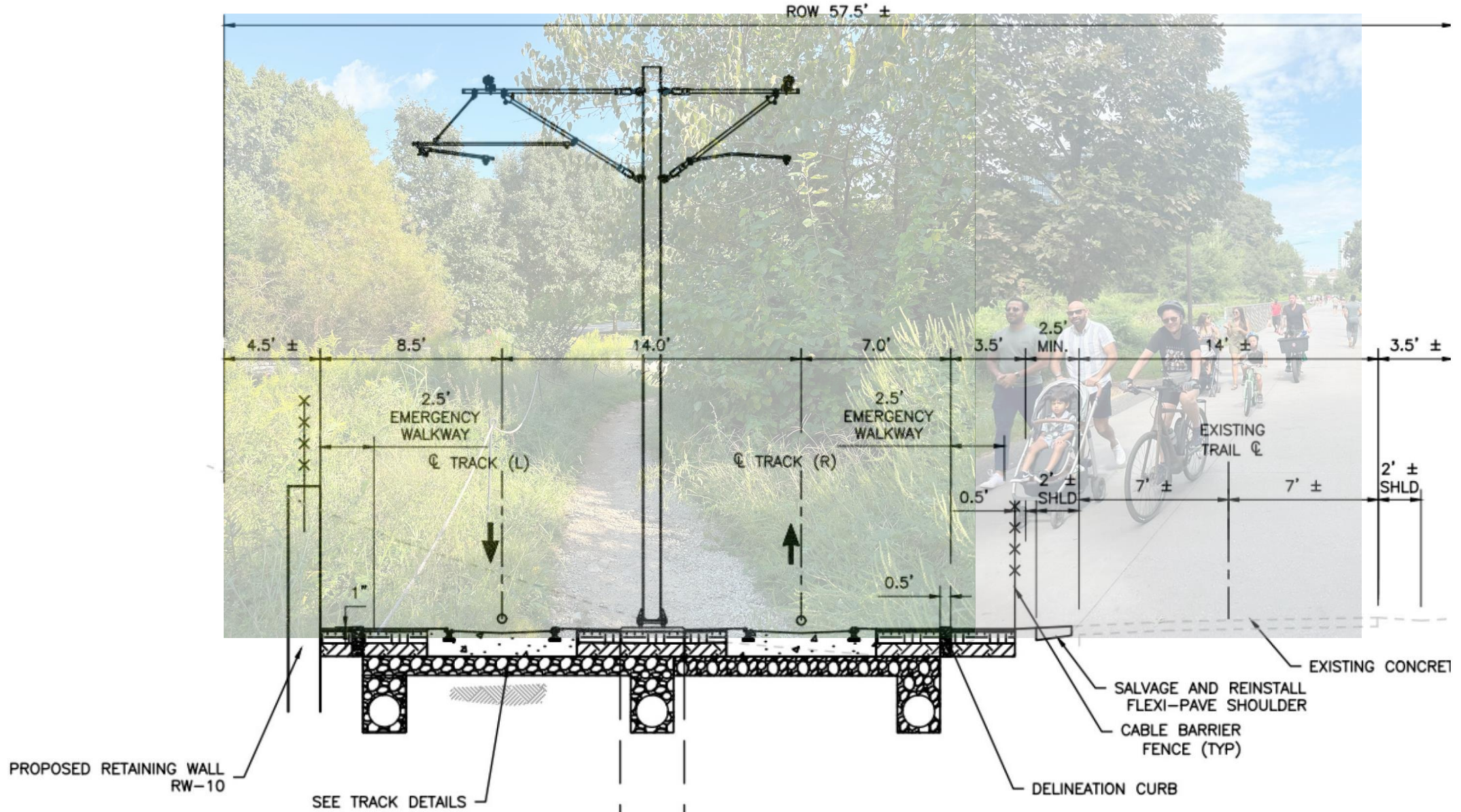
*Before*



*After*



# Because all the trees are removed for the Streetcar



# But the Arboretum is critical in our warming city

*Eastside Trail*



*Southeast Trail*



# Beltline trees provide vital Eco-Services

- 50,000 tons of CO<sub>2</sub> – lifetime carbon reduction
- 9 Million gallons of H<sub>2</sub>O evapo-transpires per year
- 9 degrees cooler than surface temperatures
- 200,000 gallons of stormwater absorbed per year
- Bike vs. car saves over 5 tons of CO<sub>2</sub>/year

# We need a Beltline vision that keeps our canopy



# And these vital projects are losing out

- **Hollowell/North Ave. BRT (*Marta stations, Beltline crossings*)**
- **Peachtree Buckhead ART (*high scoring for access to jobs*)**
- **Northside Drive BRT (*congestion commuting corridor*)**
- **Clifton Corridor LRT (*10,000 mixed-income workers*)**
- **Station improvements & increased frequencies**

*... and about 60 other transit projects.*

# **What we would like to see happen**

- **An honest analysis of the cost of Rail (with operating costs)**
- **A City-wide planning process with all options on the table**
- **A new plan that saves our tree canopy**
- **A new plan that expands micro-mobility capacity**
- **A new plan that considers new small transit vehicles**
- **A new plan that addresses true citywide transit needs today**



[BetterAtlantaTransit.org](http://BetterAtlantaTransit.org)

