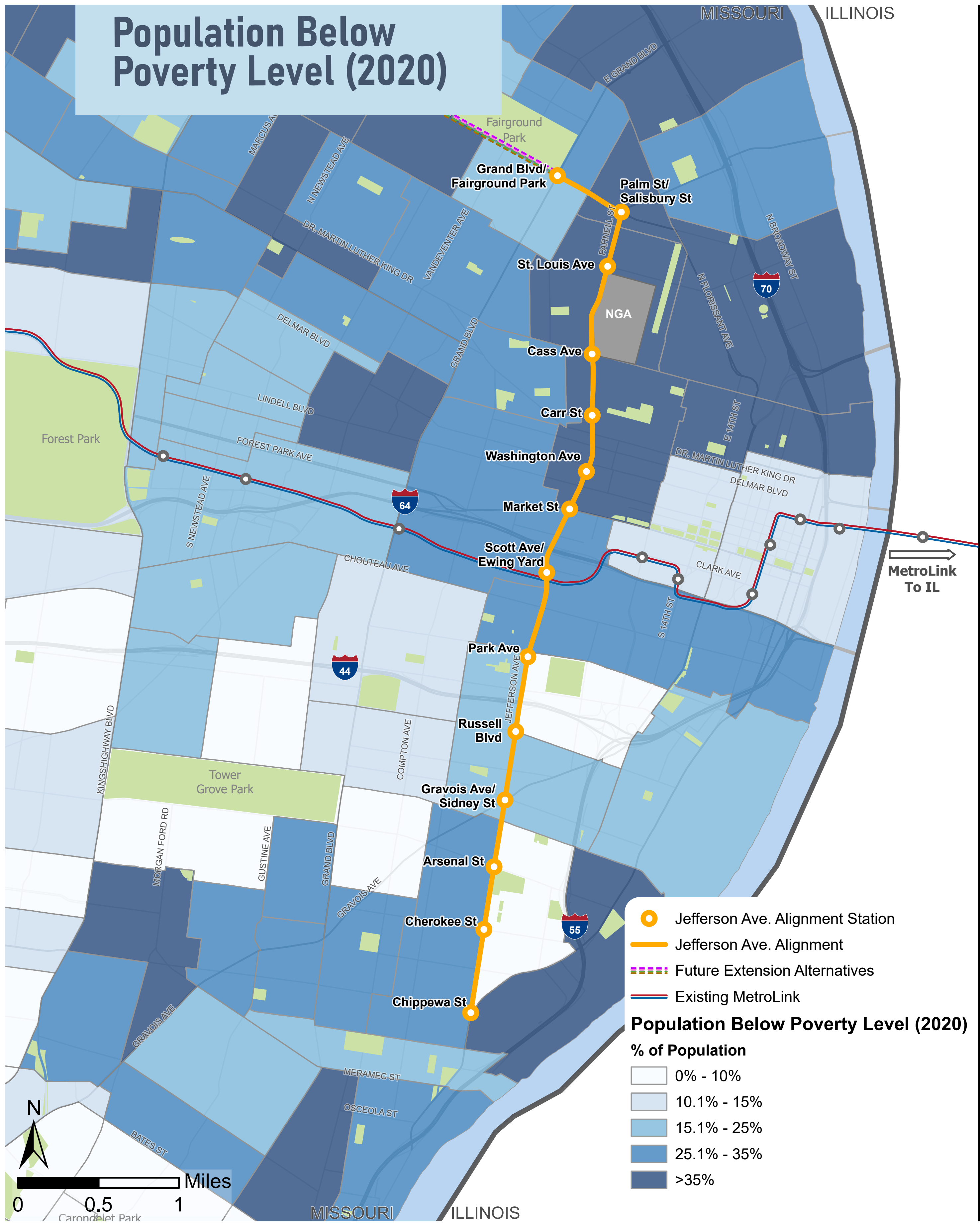
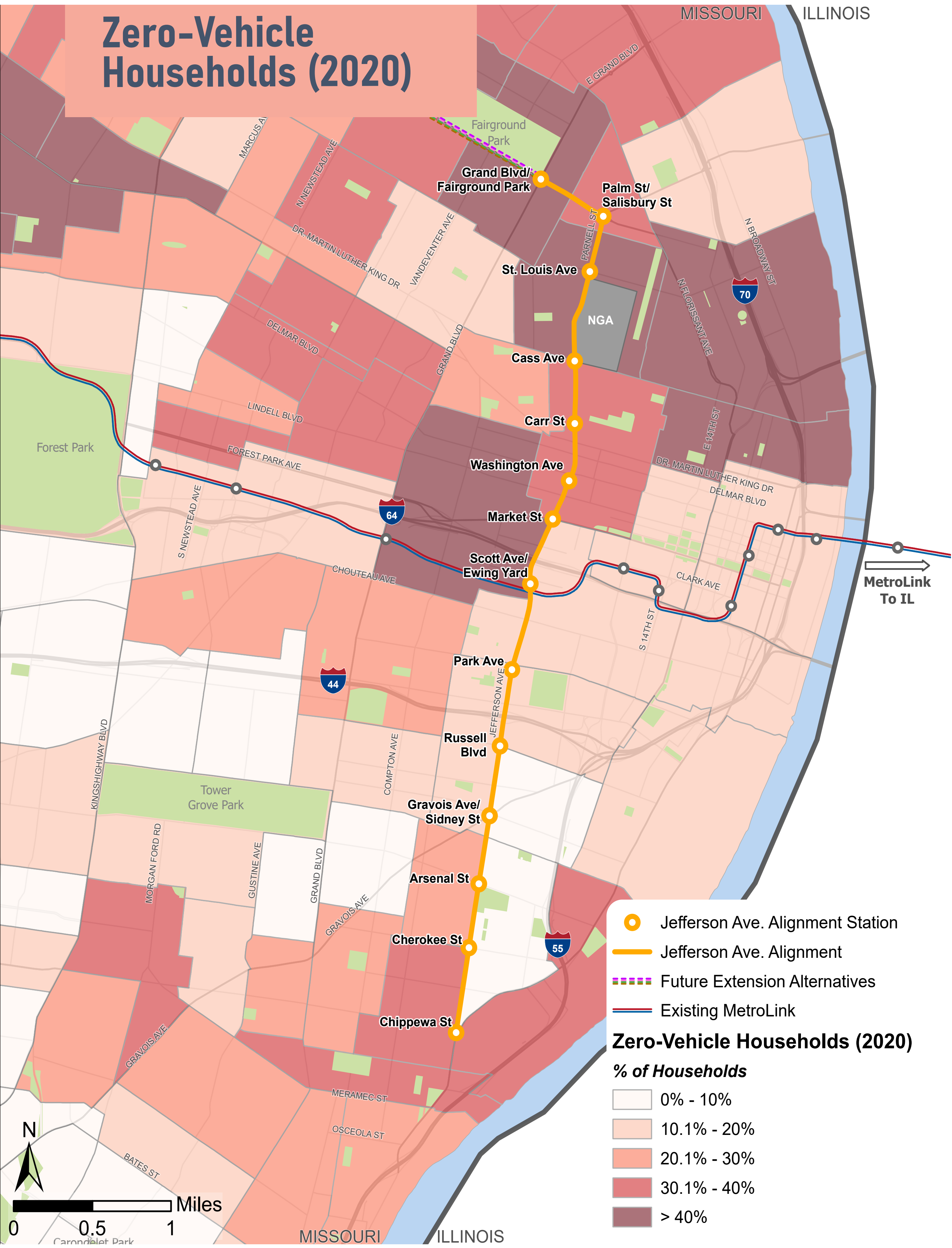


# Project Purpose



## Provide more choices to those with limited transportation options:

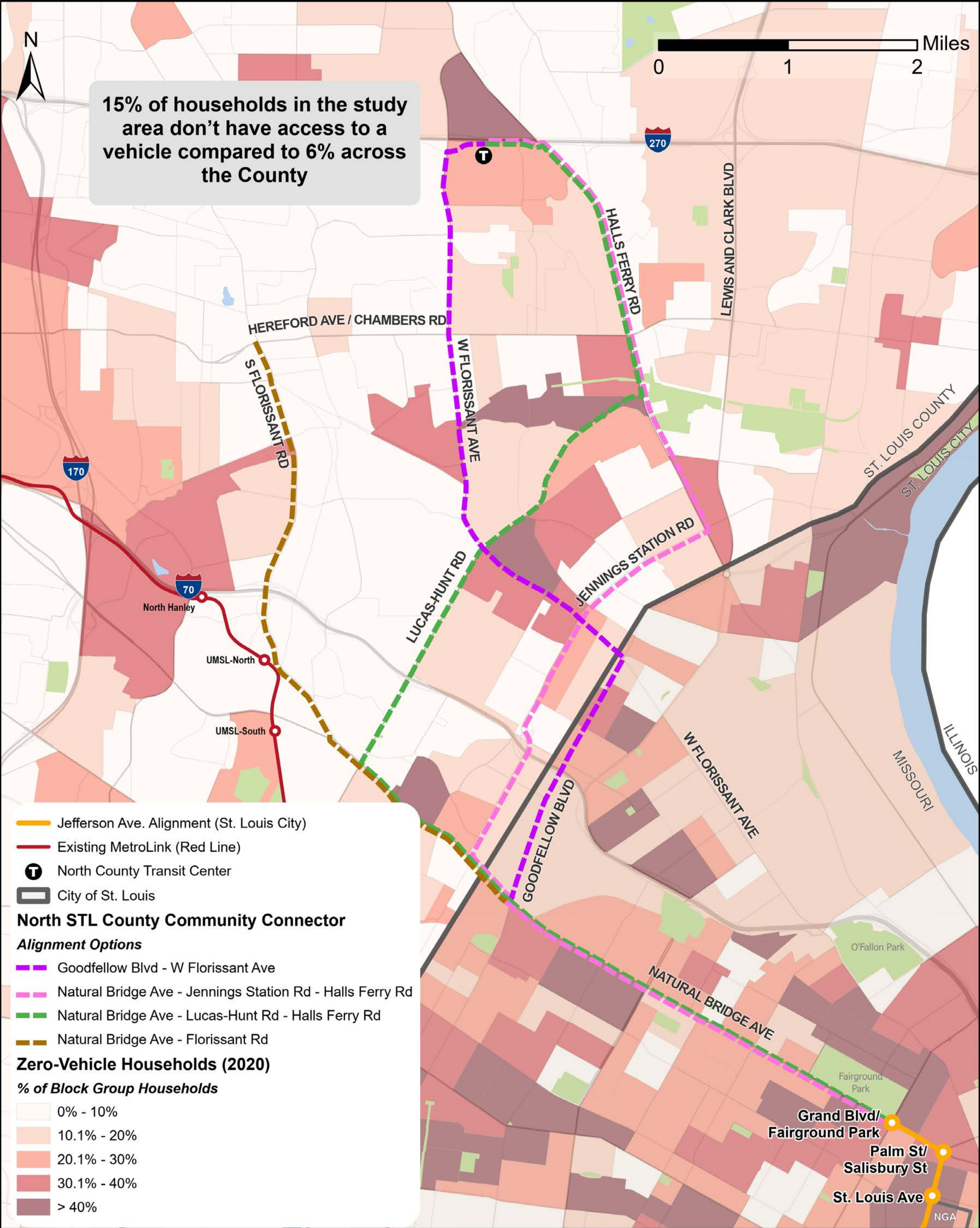
- Over one quarter of households within walking distance of a proposed station do not own a vehicle.
- 10% of workers in these neighborhoods rely on transit as their primary means of transportation to work.
- The proposed light rail would operate twice as often with faster and more reliable travel times compared to typical bus service.

## Invest in historically underserved or marginalized neighborhoods:

- About 24% of residents along the alignment live below the federal poverty threshold.
- The proposed investment serves an area with racial/ethnic minority population 10 percentage points greater than the City average.
- There are over 2,600 legally binding affordable housing units within walking distance of a proposed station, helping to ensure continue affordability and livability of these neighborhoods following investment.



# North STL County Community Connector Zero-Vehicle Households

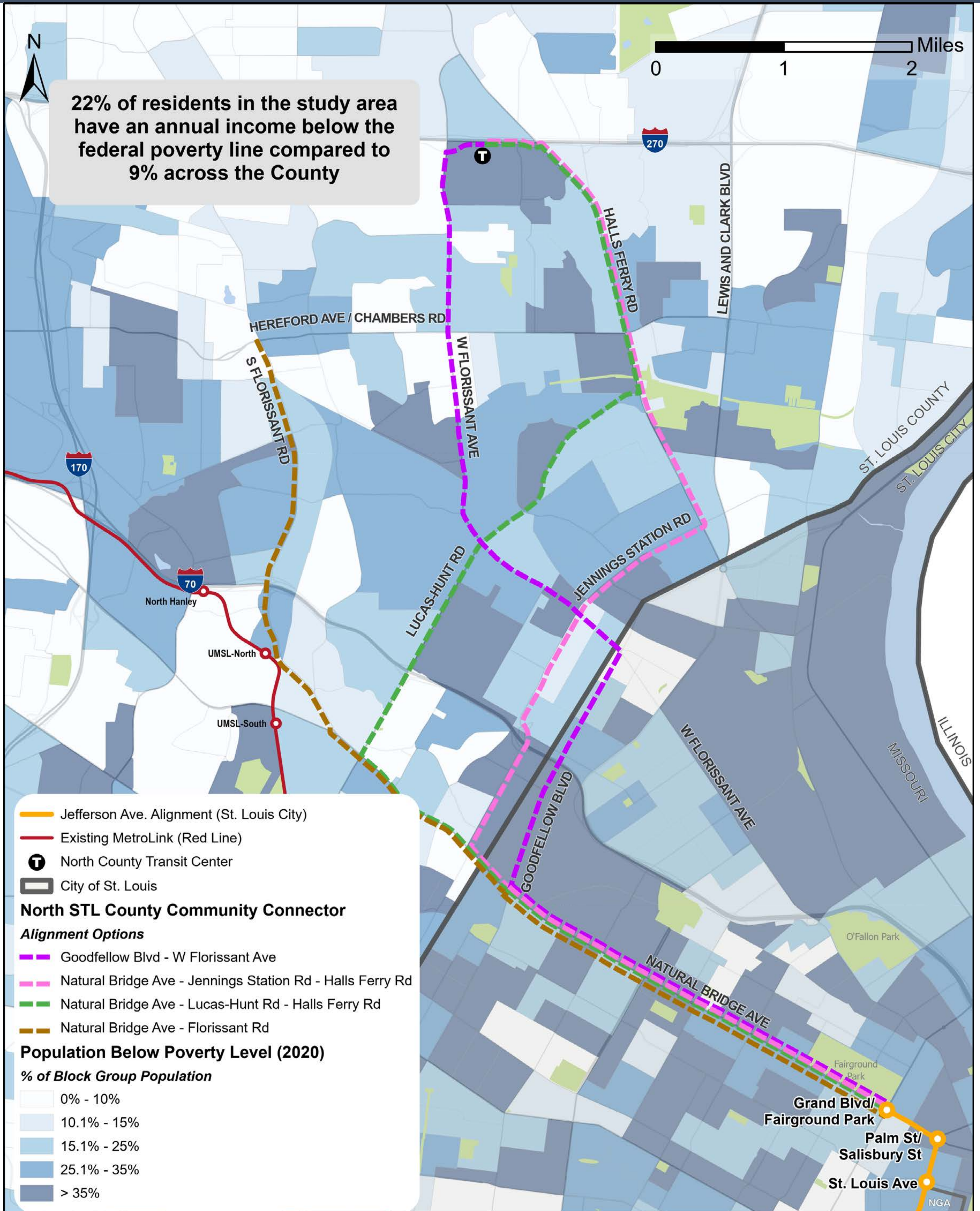


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# North STL County Community Connector Population Below Poverty

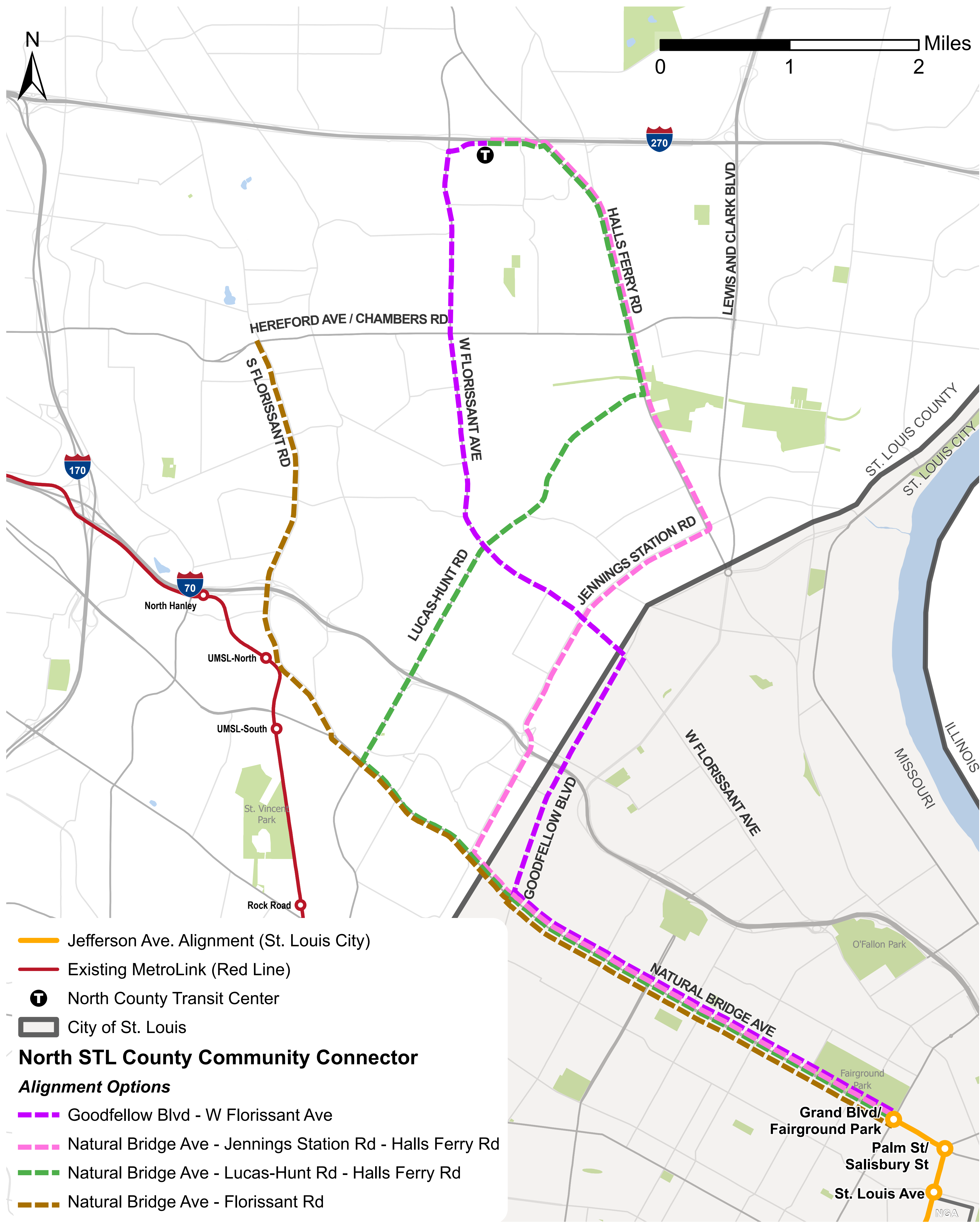


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# North STL County Community Connector Project Benefits



| Project Benefits  | Population Served (TAZ 2020) | Employment Served (TAZ 2020) | Population Below Poverty Served (2020) | Zero-Vehicle Households Served (2020) | Percent of Workers Who Use Transit (2020) | Minority Representation (2020) | Affordable Housing Units Served (2020) |
|---|------------------------------|------------------------------|--|---------------------------------------|---|--------------------------------|--|
| Natural Bridge Ave - Florissant Rd (Brown)                      | 26,300                       | 17,000                       | 6,400                                  | 2,400                                 | 10%                                       | 91%                            | 800                                    |
| Goodfellow Blvd - W Florissant Ave (Purple)                     | 34,700                       | 16,500                       | 9,900                                  | 3,900                                 | 11%                                       | 95%                            | 1,500                                  |
| Natural Bridge Ave - Jennings Station Rd- Halls Ferry Rd (Pink) | 36,100                       | 15,200                       | 11,000                                 | 4,000                                 | 11%                                       | 96%                            | 1,800                                  |
| Natural Bridge Ave - Lucas-Hunt Rd- Halls Ferry Rd (Green)      | 34,700                       | 15,300                       | 10,000                                 | 3,700                                 | 11%                                       | 95%                            | 1,700                                  |

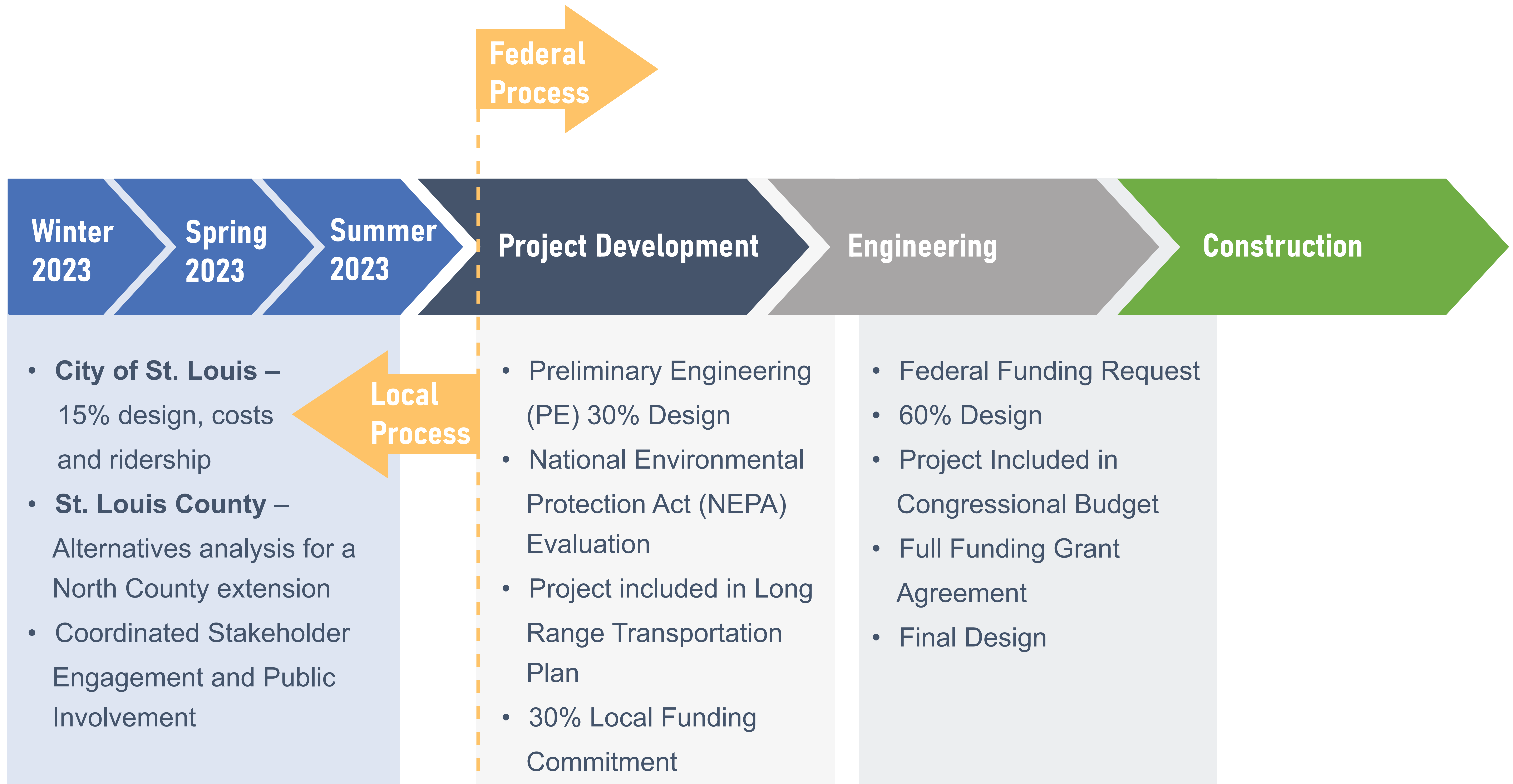


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# Timeline Overview



\*Similar projects typically take 2 years for project development, then 3 years for engineering, and 2 years for construction.



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# Rail Technology



Decisions about vehicle power (battery, overhead catenary, hybrid) will be evaluated during later phases of design.



In-street light rail systems minimize impacts to adjacent properties.

Modern in-street light rail operates in a dedicated lane to enhance safety and travel times.

Pedestrian Enhancements



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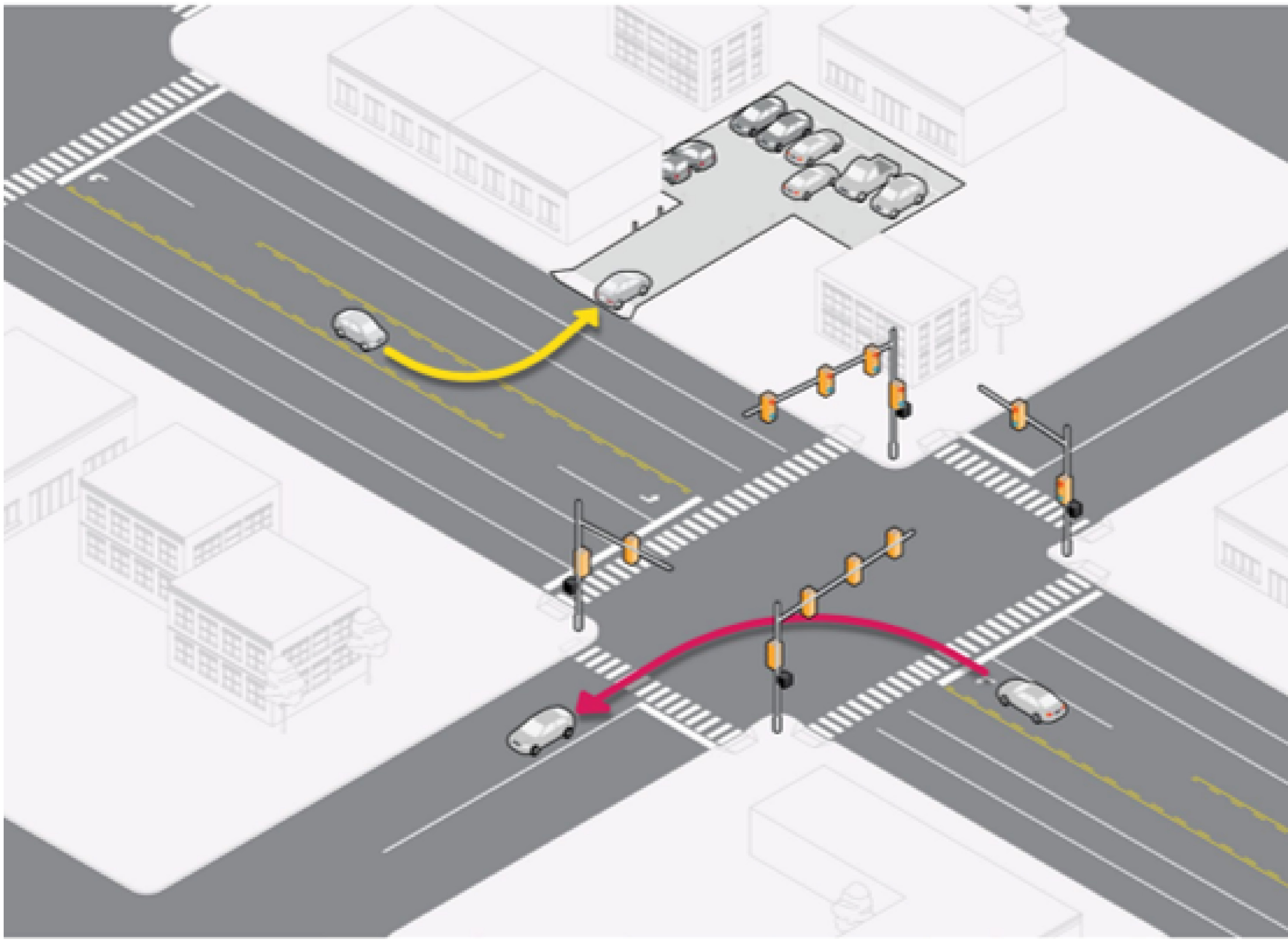




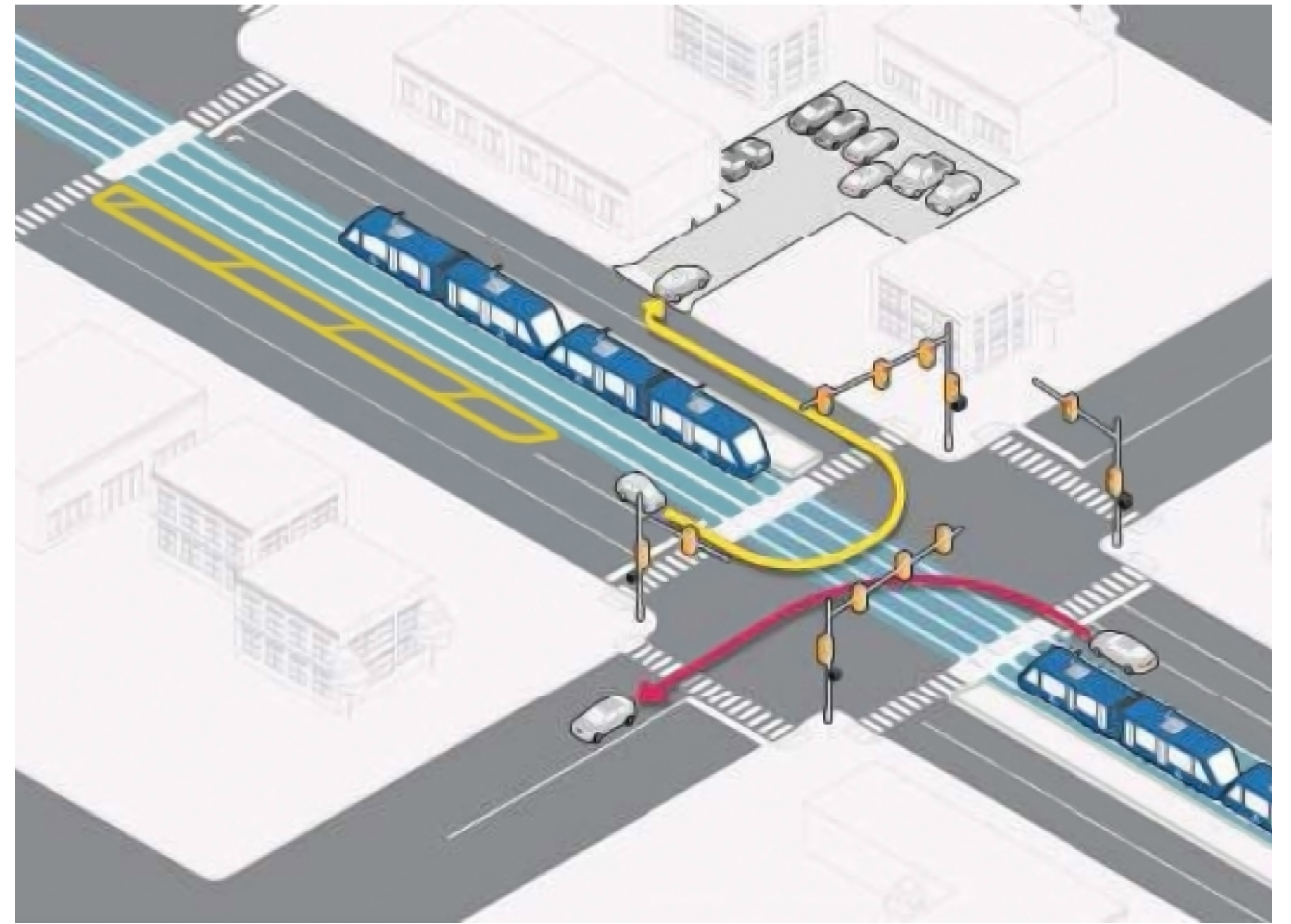
# Rail Requirements



## Intersections

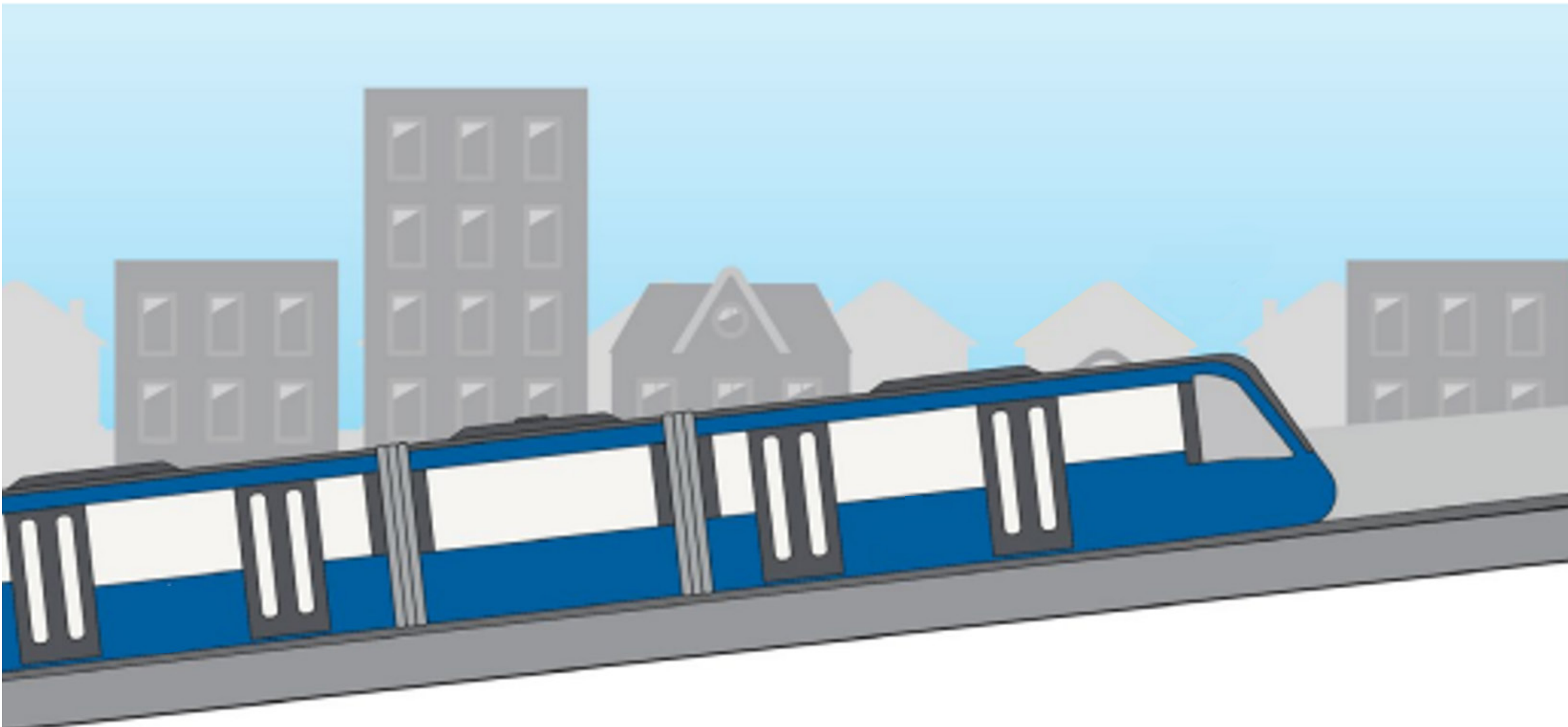


Existing – Unprotected left allowed



With Rail– Signalized across track

## Incline

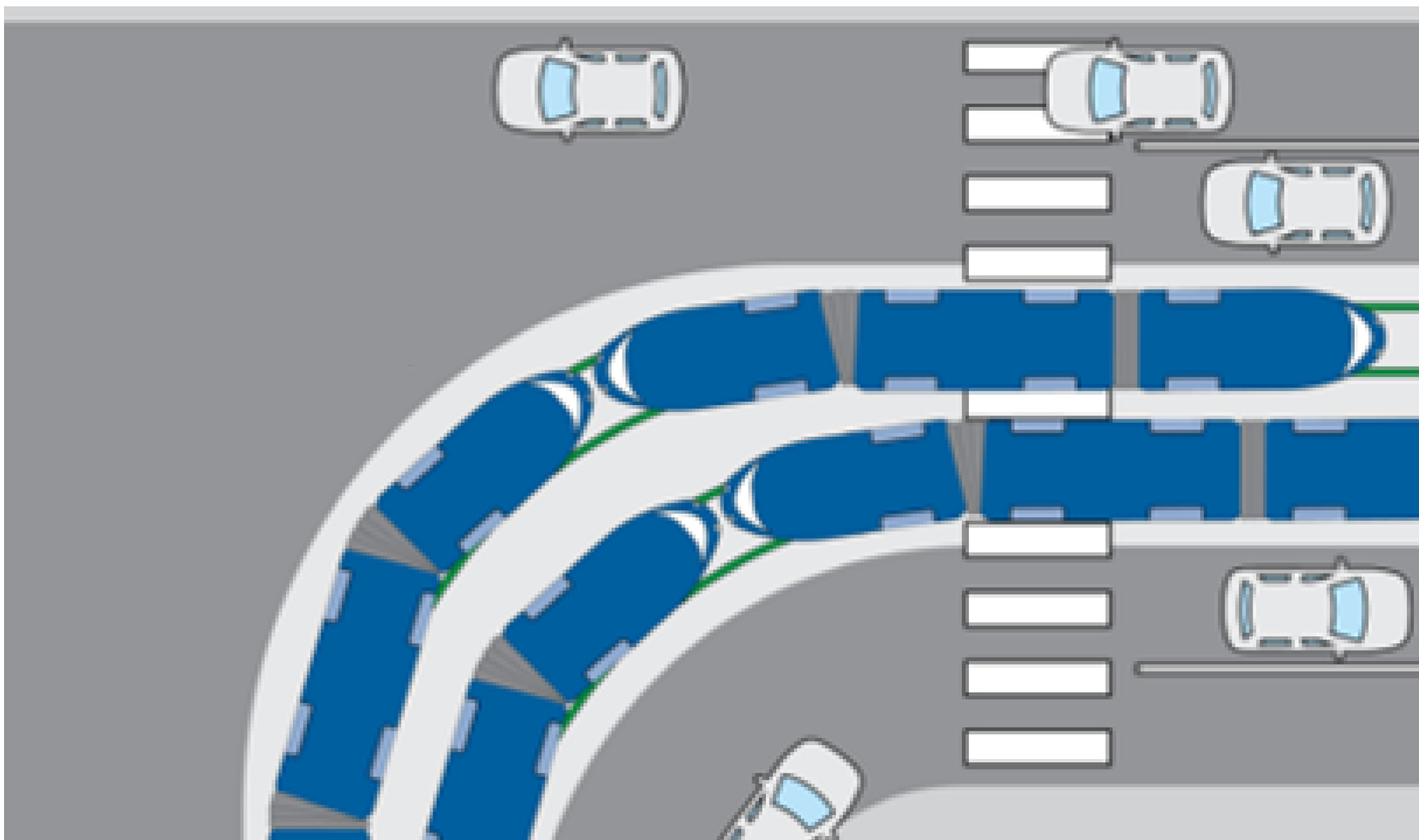


Maximum 6% Slope

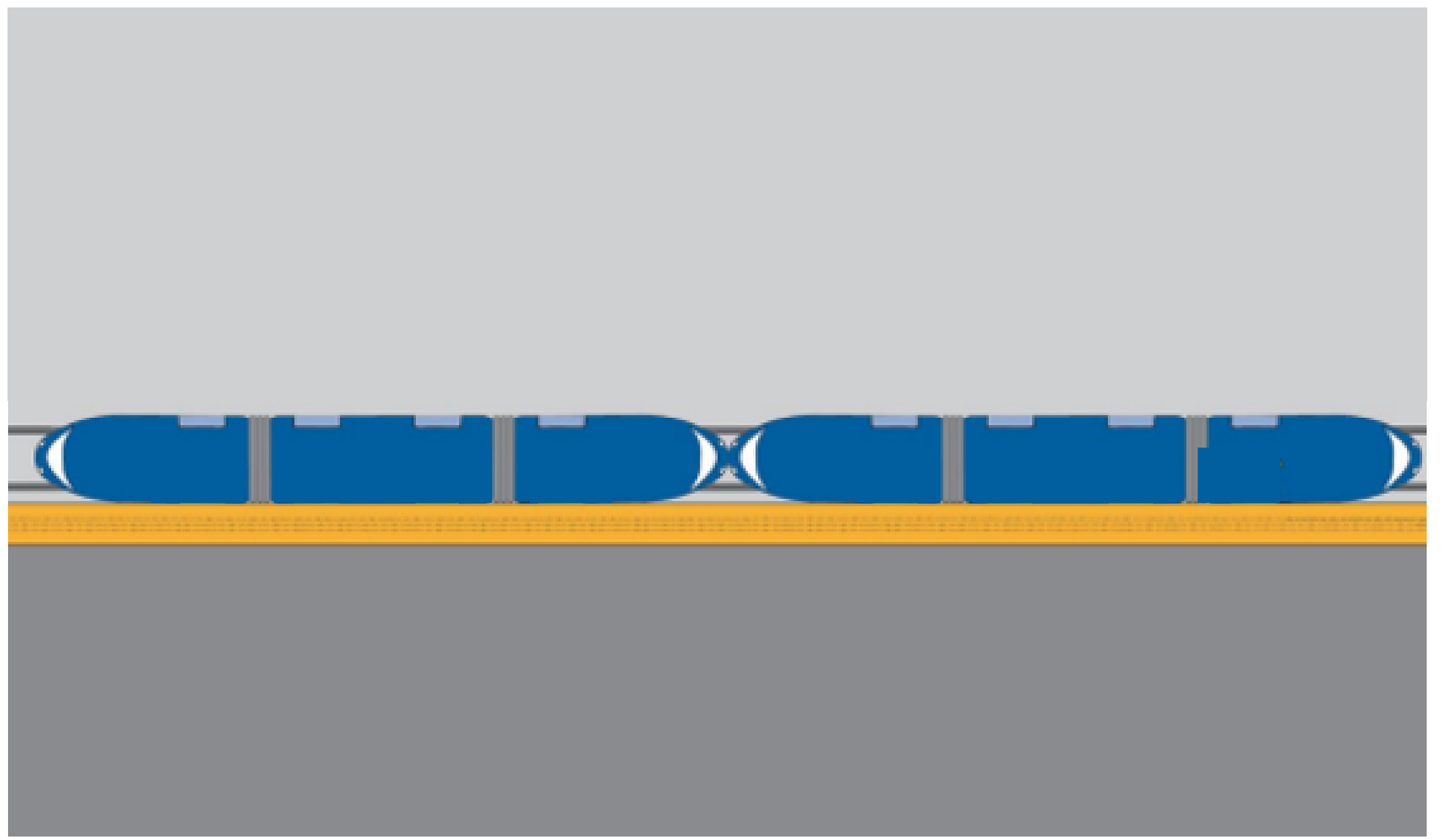


Stations should be on flat topography

## Curvature



Rounded turns



Stations should be on a straight line

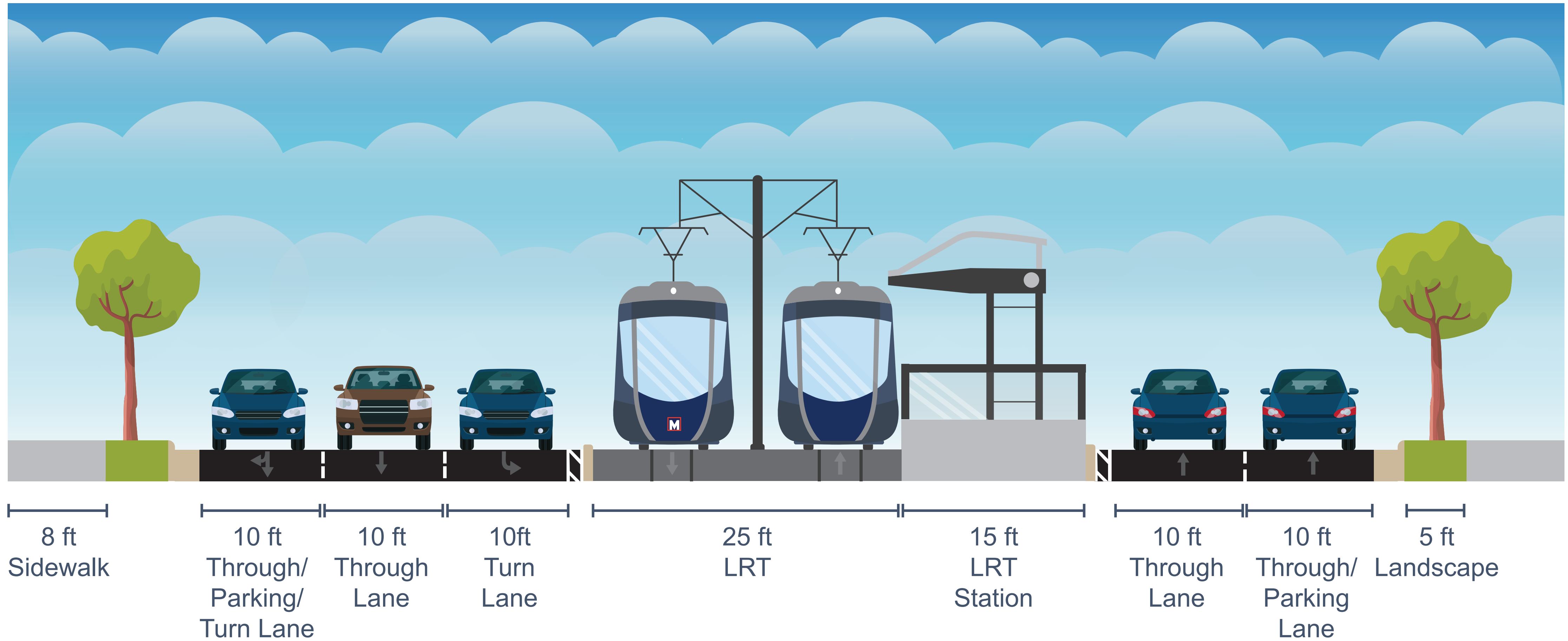




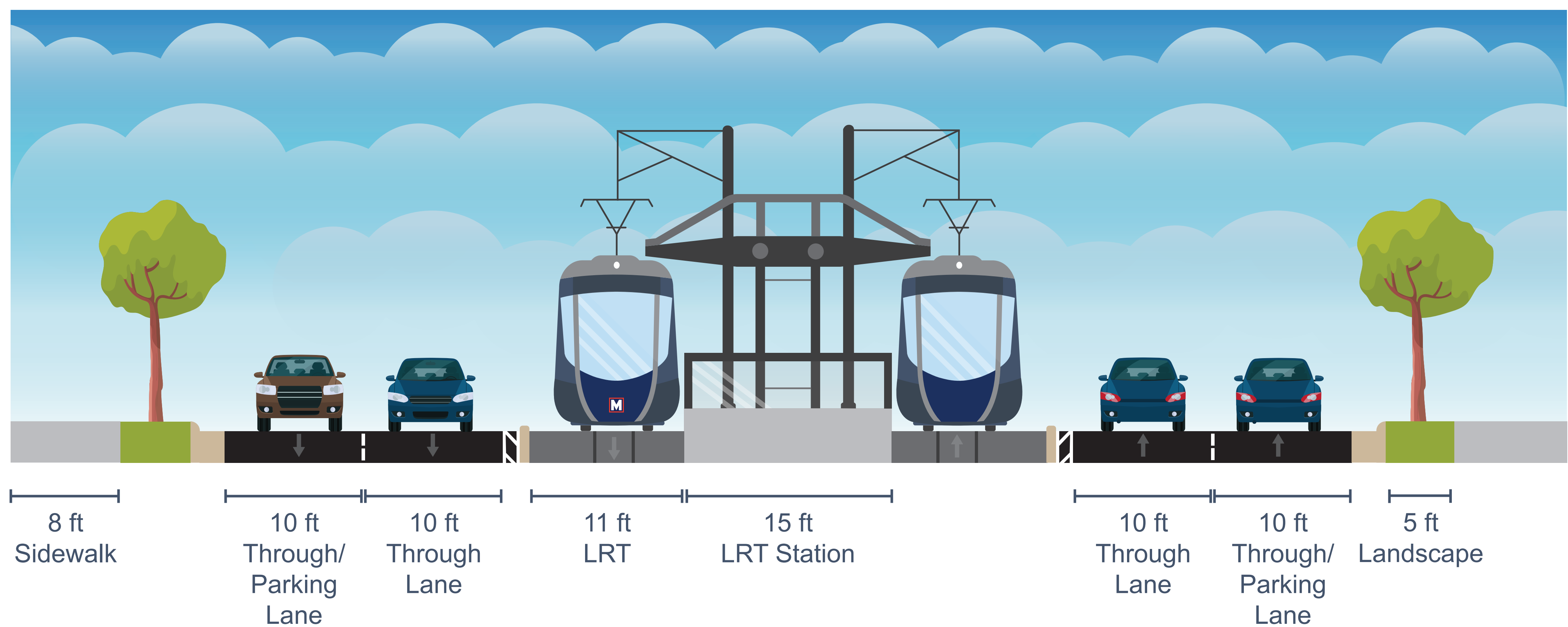
# How Does Rail Fit in the Street?



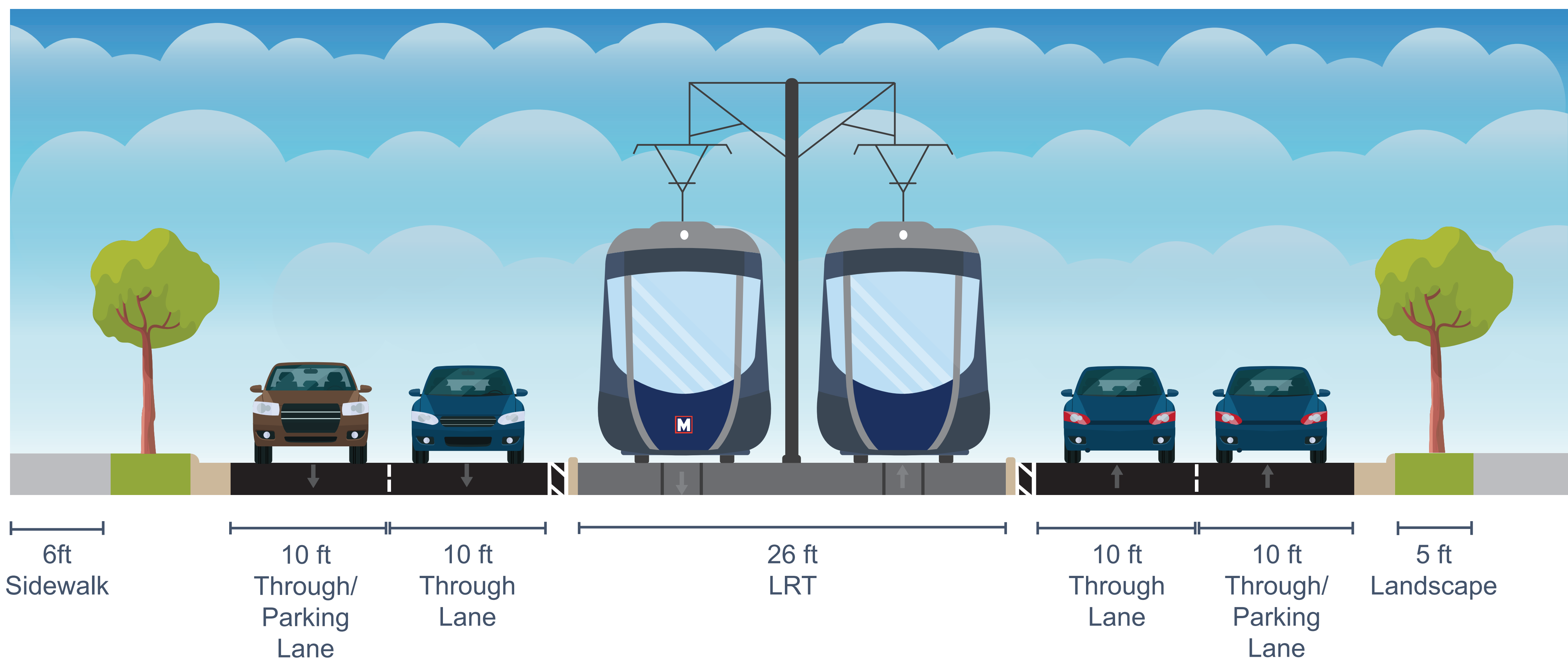
## Station: Side Platform



## Station: Center Platform



## Between Station: Center Tracks



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# North STL County Community Connector Engineering Challenges



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# Project Overview



**5.6**  
Mile Corridor



**14**  
Stations



**Operates**  
•5AM-1AM  
•7 days a week



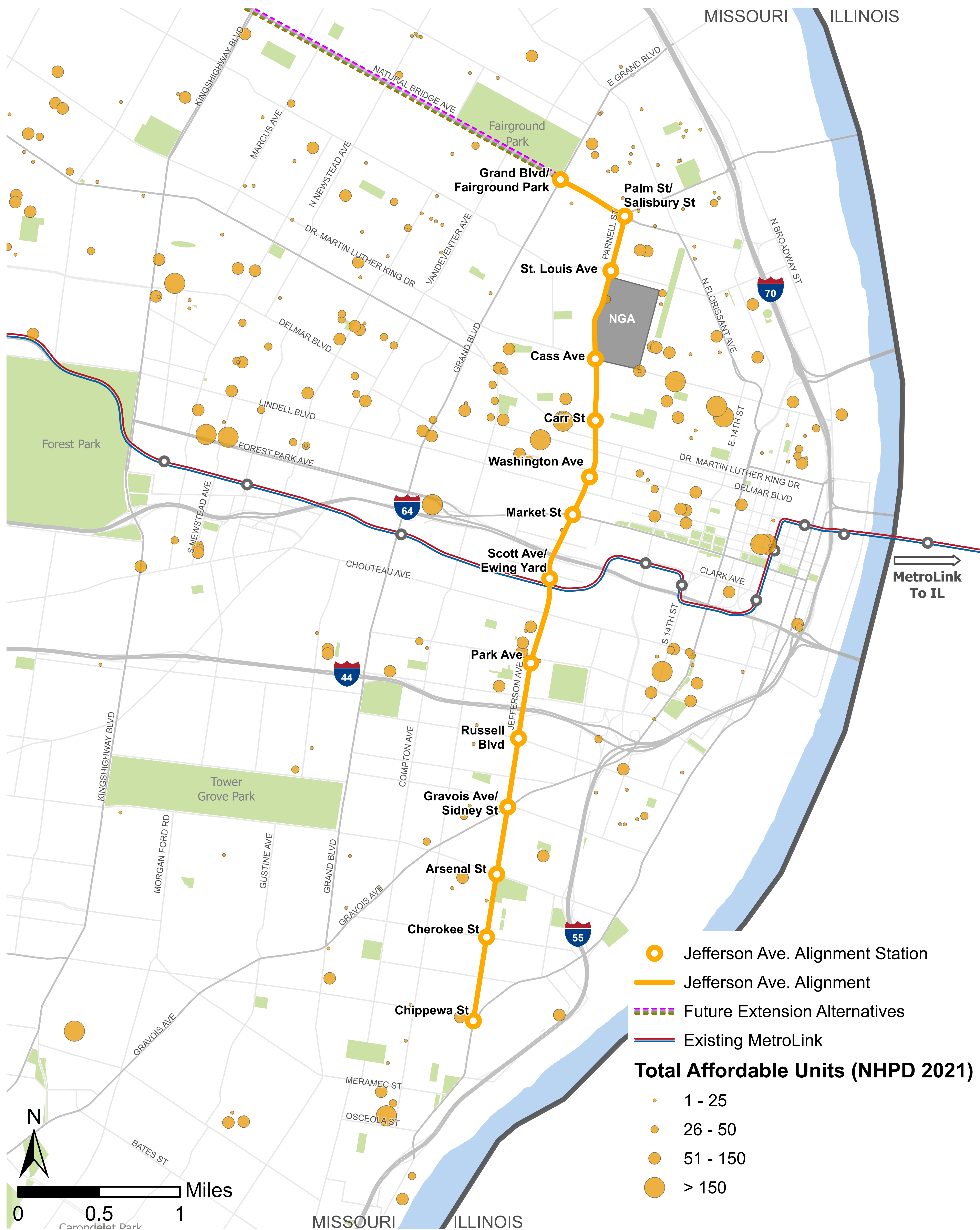
**10-15**  
Minute End-to-End  
**Transit**  
Travel Time  
Improvement



#4 – Natural Bridge and #11 – Chippewa bus routes would continue to provide underlying local service but at reduced frequencies

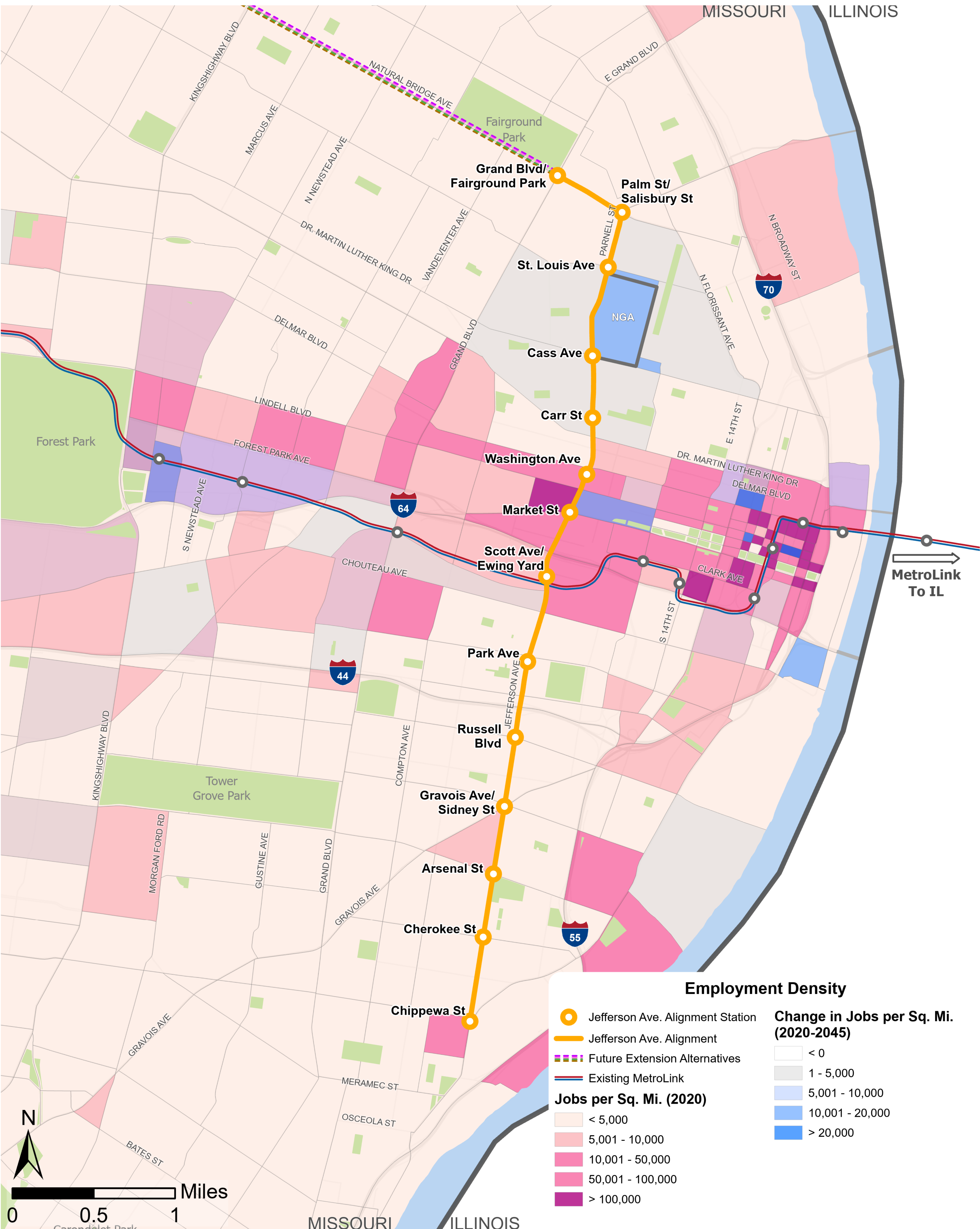


# Invest in Livable, Affordable Communities





# Enhanced Access to Jobs





# Platform Design by Station





# Outreach & Public Involvement

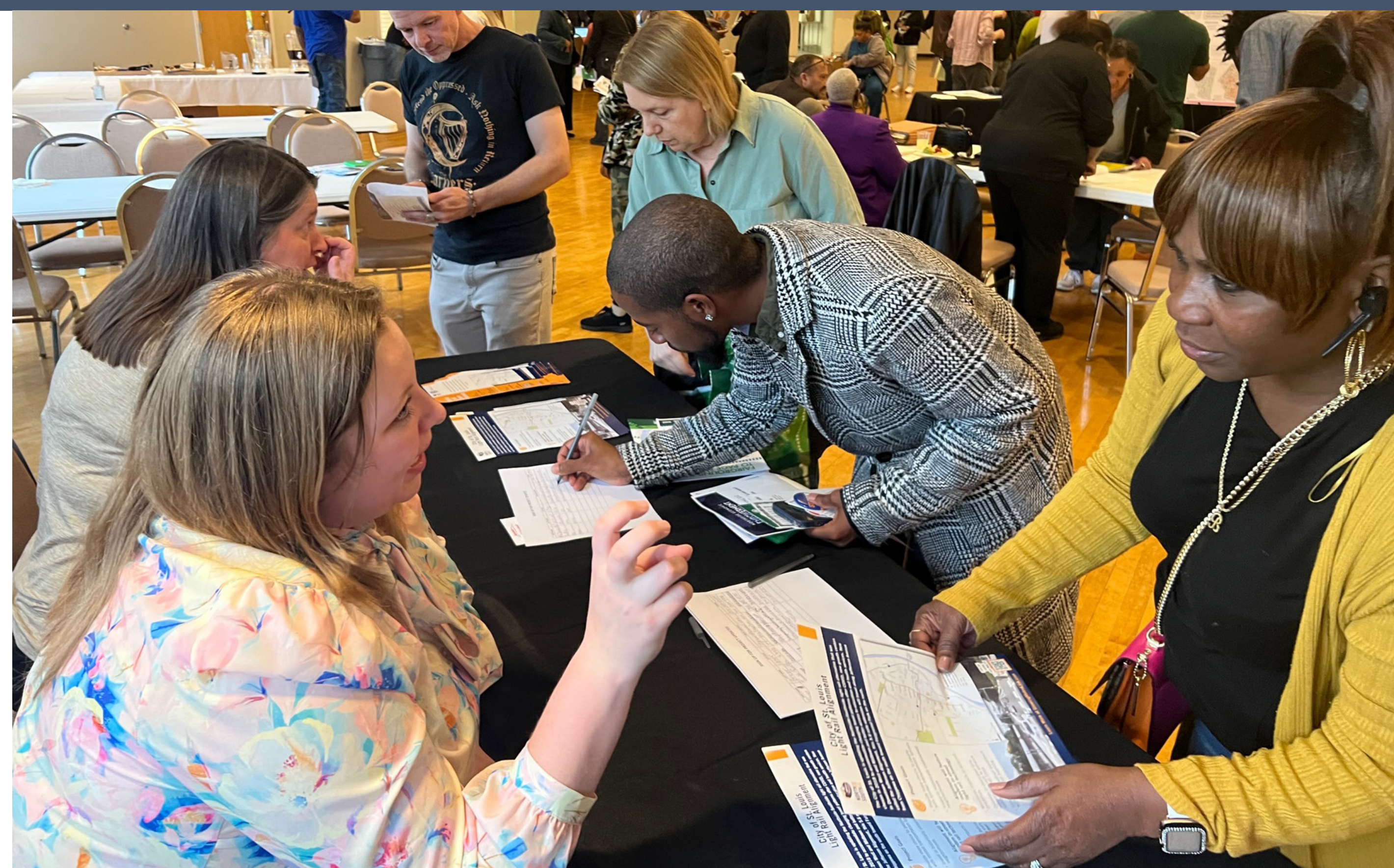


Here's a summary of outreach and engagement this past winter and spring:

- 33 stakeholder groups and elected officials briefings (20 County, 13 City)
- 7 City neighborhood presentations
- 2 City community sponsored tabling events
- 31 street team pop-ups in City and County (online survey, project promotion)
- 17,750 City residents reached through paid social media, 327 engagements
- 10,844 County residents reached through paid social media, 200 engagements
- 2,390 online survey respondents

**Please complete our open house comment form before Friday, June 2, 2023! Thank You!**

Scan QR Code for Comment Form



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la traducción al español

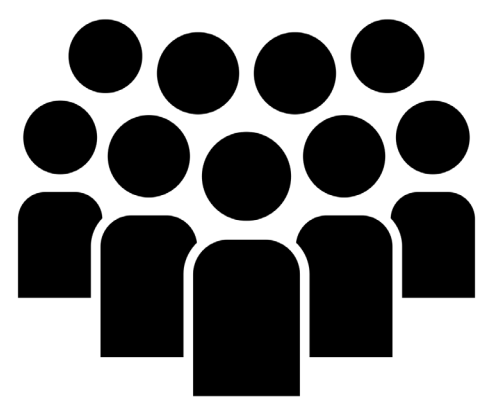




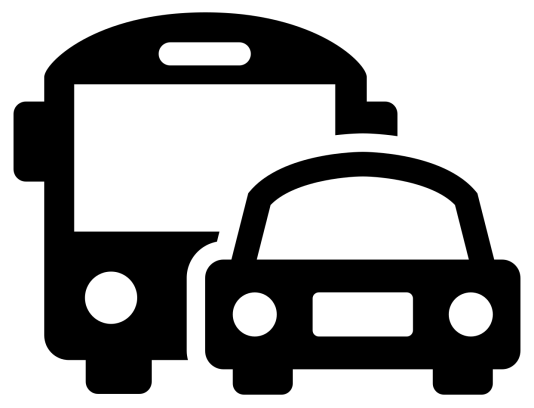
# Online Survey



## Who took our survey?



- 2,390 respondents
- Mainly 30-49 year old's, followed by ages 18-29
- 57% White or Caucasian and 29% African American or Black respondents

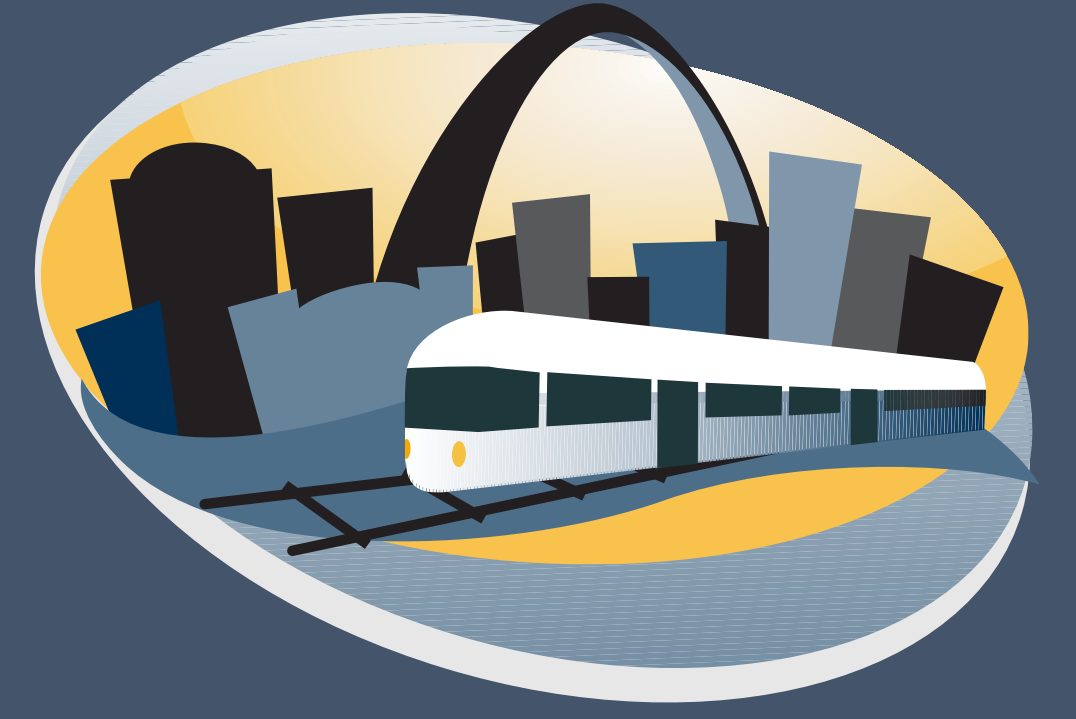


- 70% currently own or lease a vehicle
- 65% currently use Metro Transit
- 19% do not own or have access to a vehicle
- 11% have access to a vehicle they do not own





# Online Survey Results



## Jefferson Avenue Alignment Feedback:

- Most feel the alignment will improve regional air quality and reduce traffic
- Most would get to the alignment using MetroBus/MetroLink or walking
- Most selected their preferred station because of proximity to entertainment/social venues and their home

## North STL County Community Connector Feedback:

- Goodfellow-West Florissant option, closely followed by Natural Bridge Avenue-Florissant Road option received the highest five-star ratings
- Most selected their preferred station because of proximity to work/school followed by home
- Most would get to the alignment using MetroBus/MetroLink and either walking or being dropped off or picked up by car



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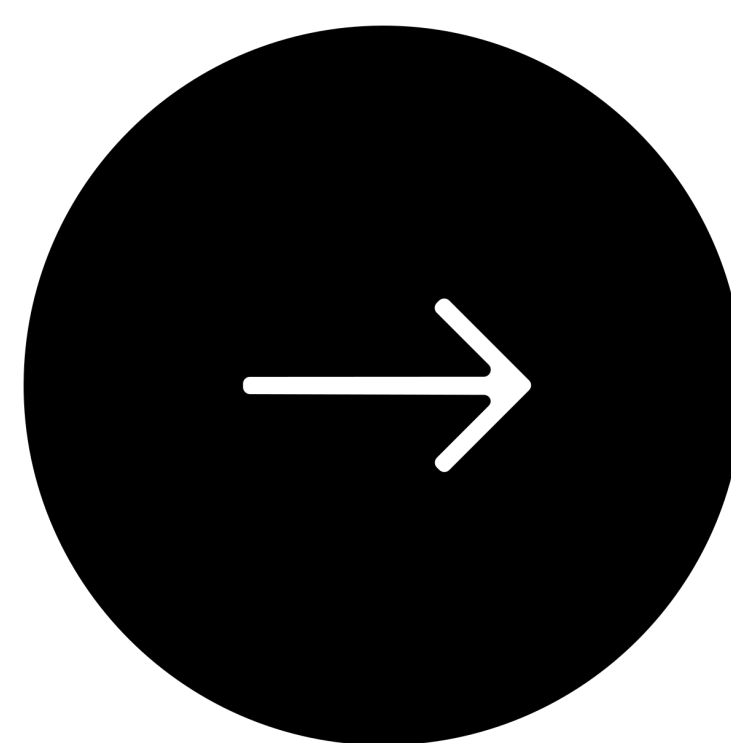


# Next Steps



## Here are the next steps:

- Project team reviews open house feedback
- Stakeholder and public outreach continues in City and County
- Stakeholder and public feedback is incorporated into design
- Northside-Southside advances to project development, environmental study and engineering with goal of submitting for federal funding



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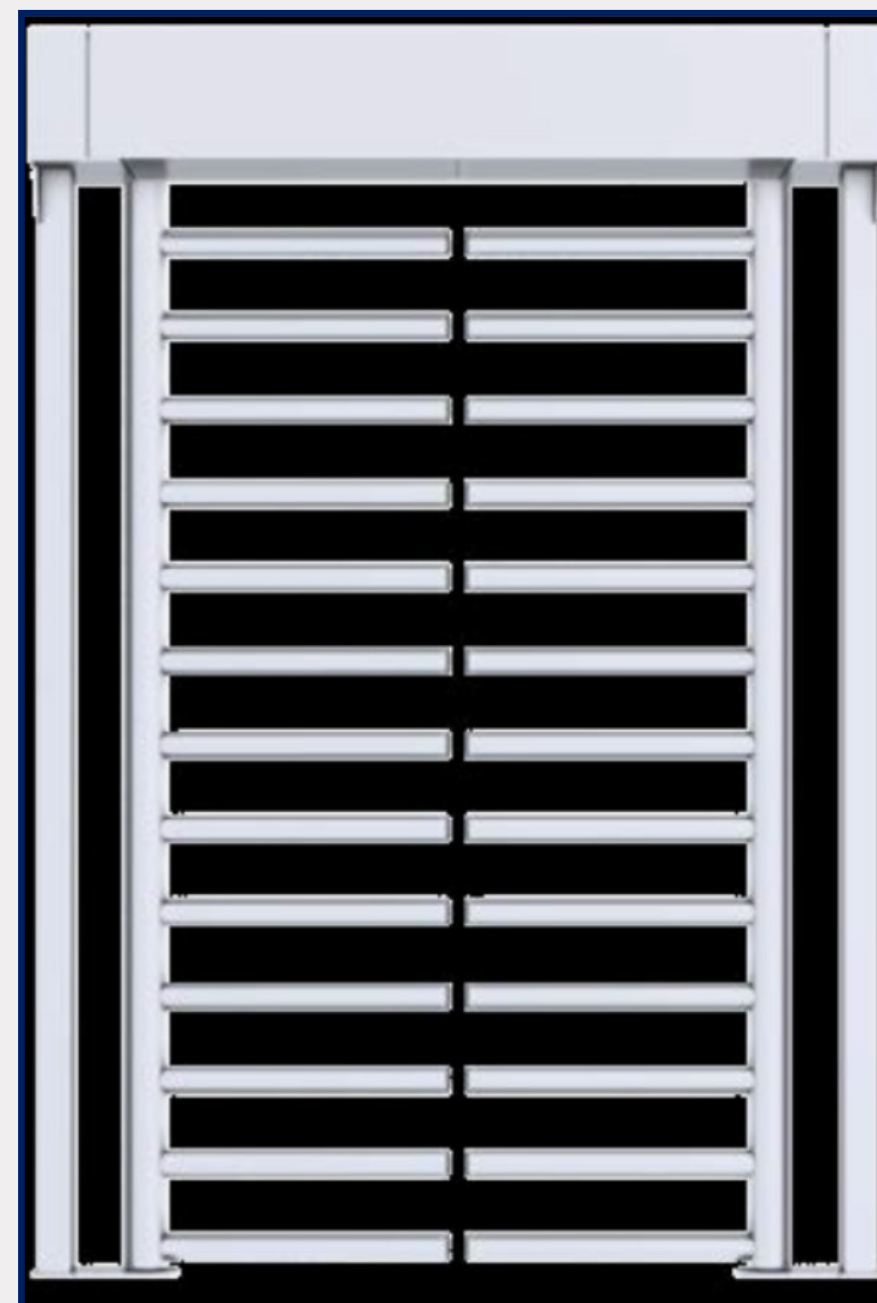
## ***Package / Stations / Status***

The Secure Platform Plan (SPP) is being designed and constructed as six (6) packages.  
Each package consists of four (4) to eight (8) stations.

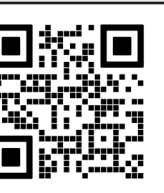
**Roto Gate**



**Swing Gate Options**



**Welded Wire Fencing**

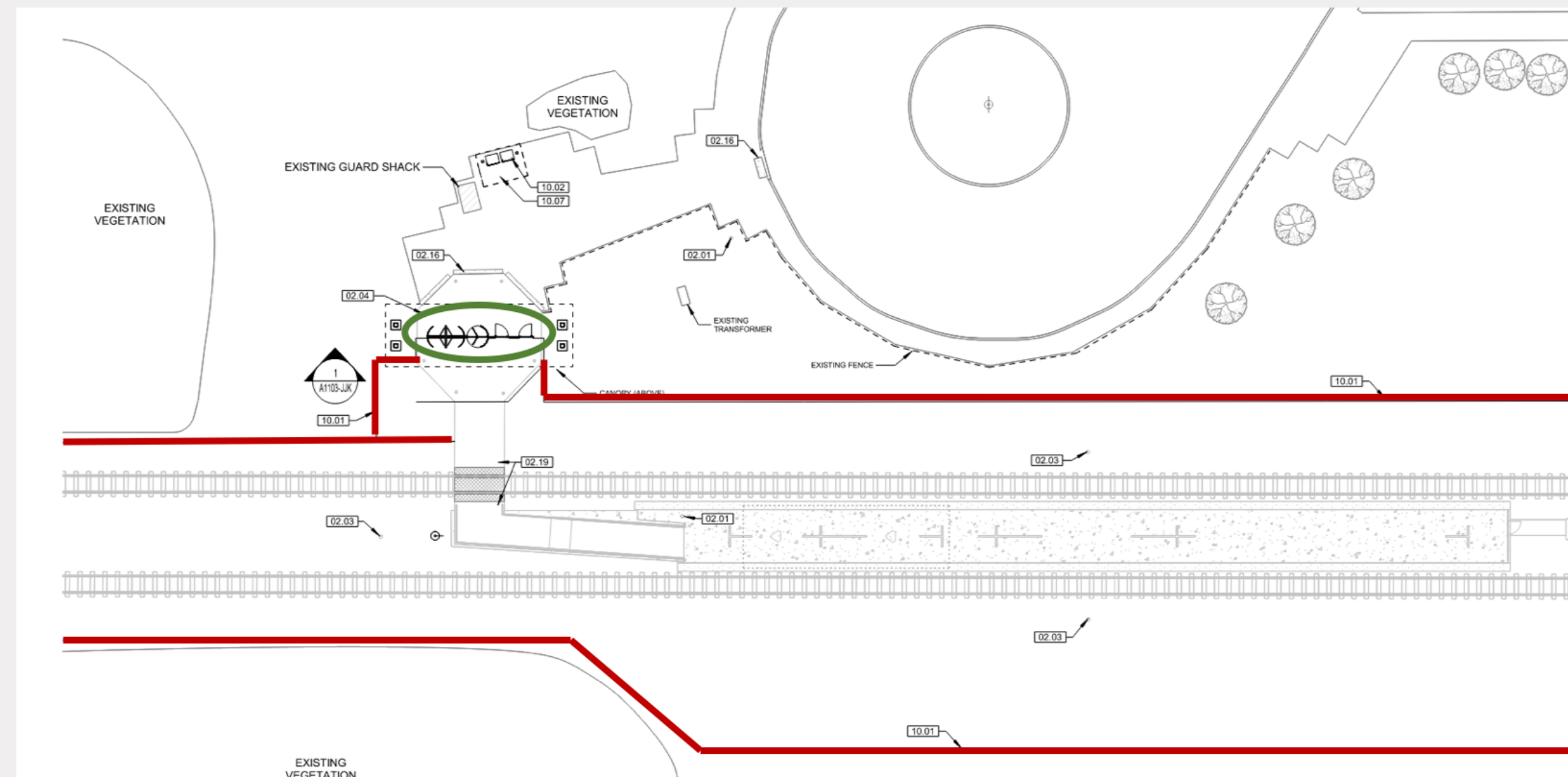




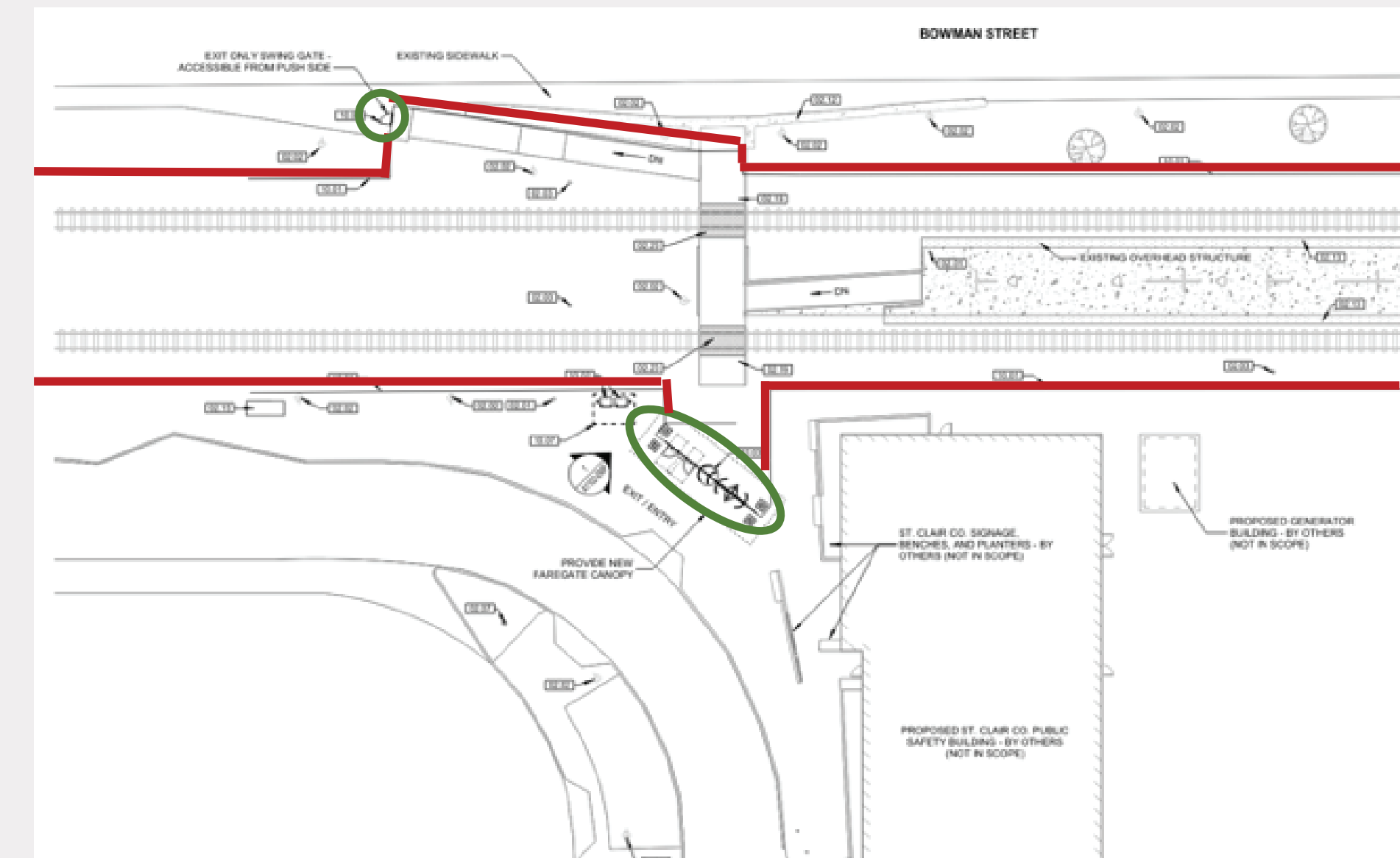
# Secure Platform Plan Update May 2023



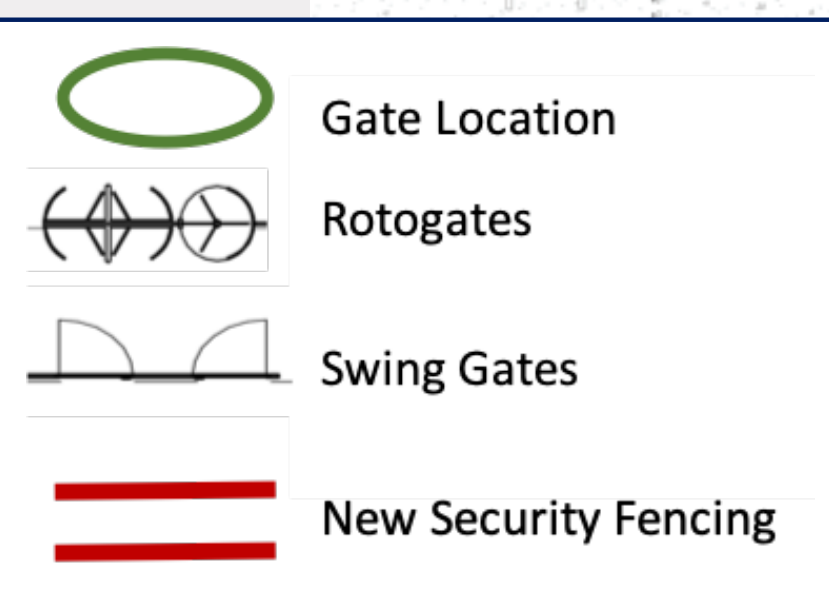
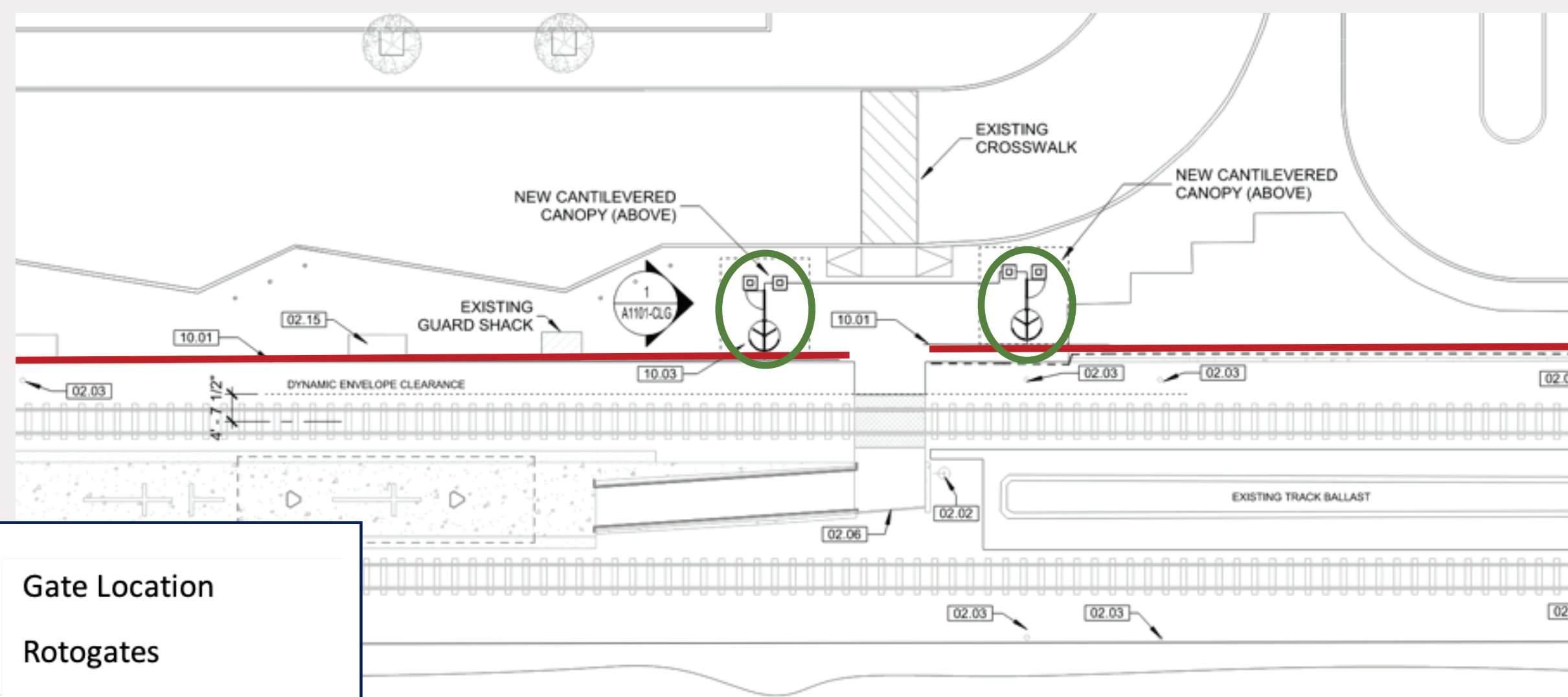
# Jackie Joyner-Kersee Center



# Emerson Park

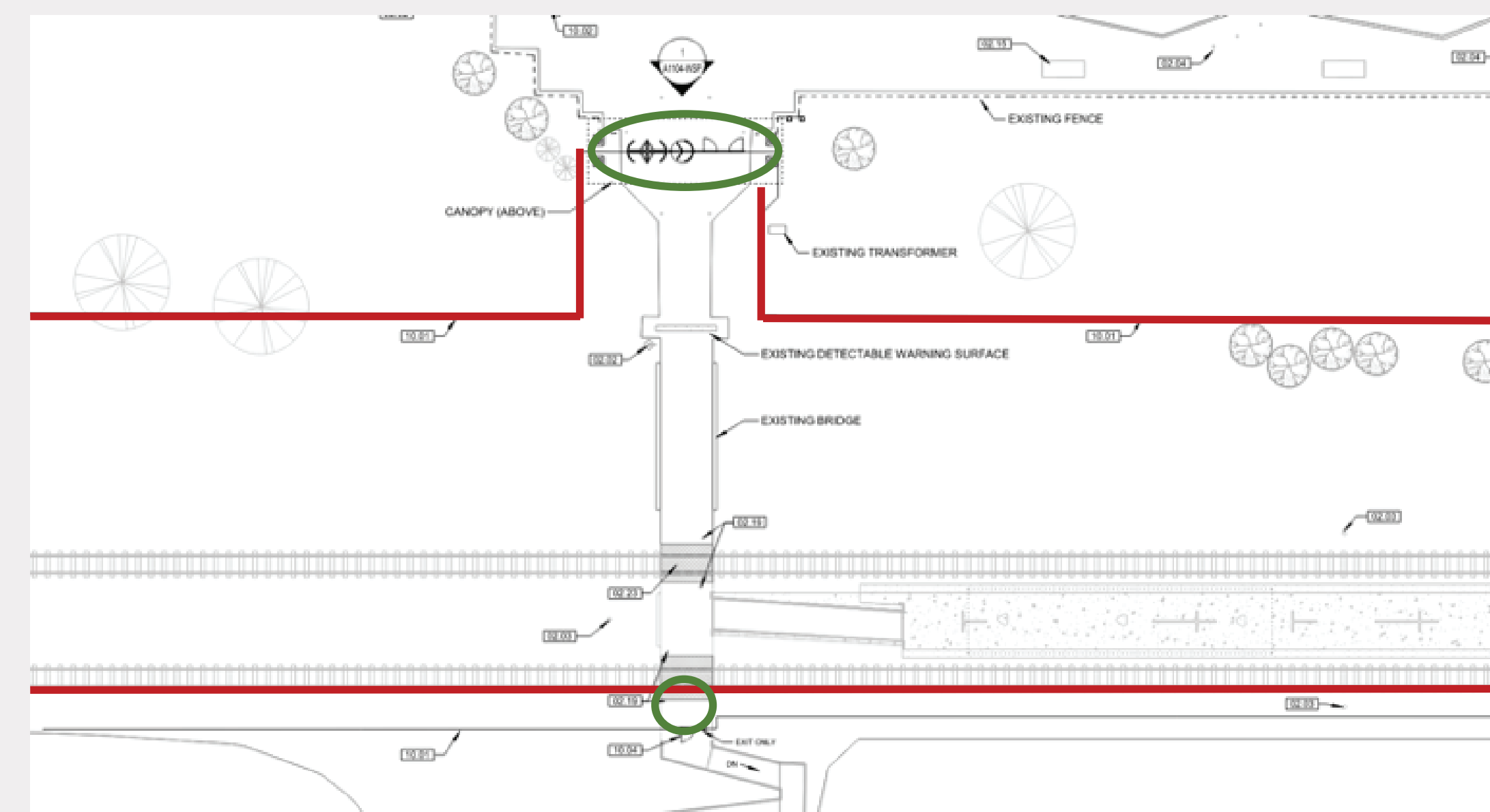


## College

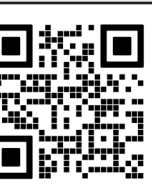


## 30% renderings

# Washington Park



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# Secure Platform Plan Update 2023



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# SECURE PLATFORM PLAN



BI-STATE  
DEVELOPMENT



## Package Timelines by Milestone - Schedule Snapshot

Package #1 Schedule

| Milestone               | Date        | Stations   |
|-------------------------|-------------|--|
| 30% Design              | April 2023  | <ul style="list-style-type: none"><li>Emerson Park</li><li>JJK</li><li>Washington Park</li><li>College</li></ul> |
| 60% Design              | June 2023   |  |
| 95% Design              | July 2023   |  |
| IFB for Construction    | August 2023 |  |
| Construction Completion | Spring 2024 |  |

Package #2 Schedule

| Milestone               | Date        | Stations  |
|-------------------------|-------------|---|
| 30% Design              | Jun-23      | <ul style="list-style-type: none"><li>Forest Park</li><li>Central West End</li><li>Cortex</li><li>Grand</li><li>Union Station</li><li>Civic Center</li><li>Delmar</li></ul> |
| 60% Design              | Aug-23      |   |
| 95% Design              | Oct-23      |   |
| IFB for Construction    | Nov-23      |   |
| Construction Completion | Summer 2024 |   |

Package #3 Schedule

| Milestone               | Date      | Stations  |
|-------------------------|-----------|---|
| 30% Design              | Dec-23    | <ul style="list-style-type: none"><li>Lambert 1</li><li>Lambert 2</li><li>North Hanley</li><li>UMSL North</li><li>UMSL South</li><li>Rock Road</li><li>Wellston</li></ul> |
| 60% Design              | Jan-24    |   |
| 95% Design              | Feb-24    |   |
| IFB for Construction    | Feb-24    |   |
| Construction Completion | Fall 2024 |   |

Package #4 Schedule

| Milestone               | Date        | Stations   |
|-------------------------|-------------|--|
| 30% Design              | Mar-24      | <ul style="list-style-type: none"><li>Stadium</li><li>8th and Pine</li><li>Convention</li><li>Laclede's Landing</li><li>Skinker</li><li>Big Bend</li><li>Forsyth</li></ul> |
| 60% Design              | Apr-24      |  |
| 95% Design              | May-24      |  |
| IFB for Construction    | Jun-24      |  |
| Construction Completion | Winter 2025 |  |

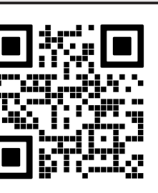
Package #5 Schedule

| Milestone               | Date        | Stations   |
|-------------------------|-------------|--|
| 30% Design              | Jun-24      | <ul style="list-style-type: none"><li>East Riverfront</li><li>5th and MO</li><li>Fairview Heights</li><li>Memorial</li><li>Swansea</li><li>Belleville</li><li>Shiloh/Scott</li><li>Mid-America --&gt; may be expedited</li></ul> |
| 60% Design              | Jul-24      |  |
| 95% Design              | Sep-24      |  |
| IFB for Construction    | Sep-24      |  |
| Construction Completion | Winter 2025 |  |

Package #6 Schedule

| Milestone               | Date        | Stations   |
|-------------------------|-------------|--|
| 30% Design              | Jul-24      | <ul style="list-style-type: none"><li>Shrewsbury</li><li>Sunnen</li><li>Maplewood</li><li>Brentwood</li><li>Richmond Heights</li><li>Clayton</li></ul> |
| 60% Design              | Aug-24      |  |
| 95% Design              | Sep-24      |  |
| IFB for Construction    | Sep-24      |  |
| Construction Completion | Spring 2025 |  |

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# Chestnut Health Partnership

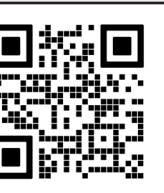


Operated by Chestnut Health Systems

- In-the-moment crisis intervention
- Behavioral health support

Teams are assigned to St. Clair County, Civic Center and North Hanley Transit Centers

The Missouri program expands upon the successful pilot program on MetroLink in Illinois, in partnership with the St. Clair County Transit District.





# Real-Time Camera Center



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