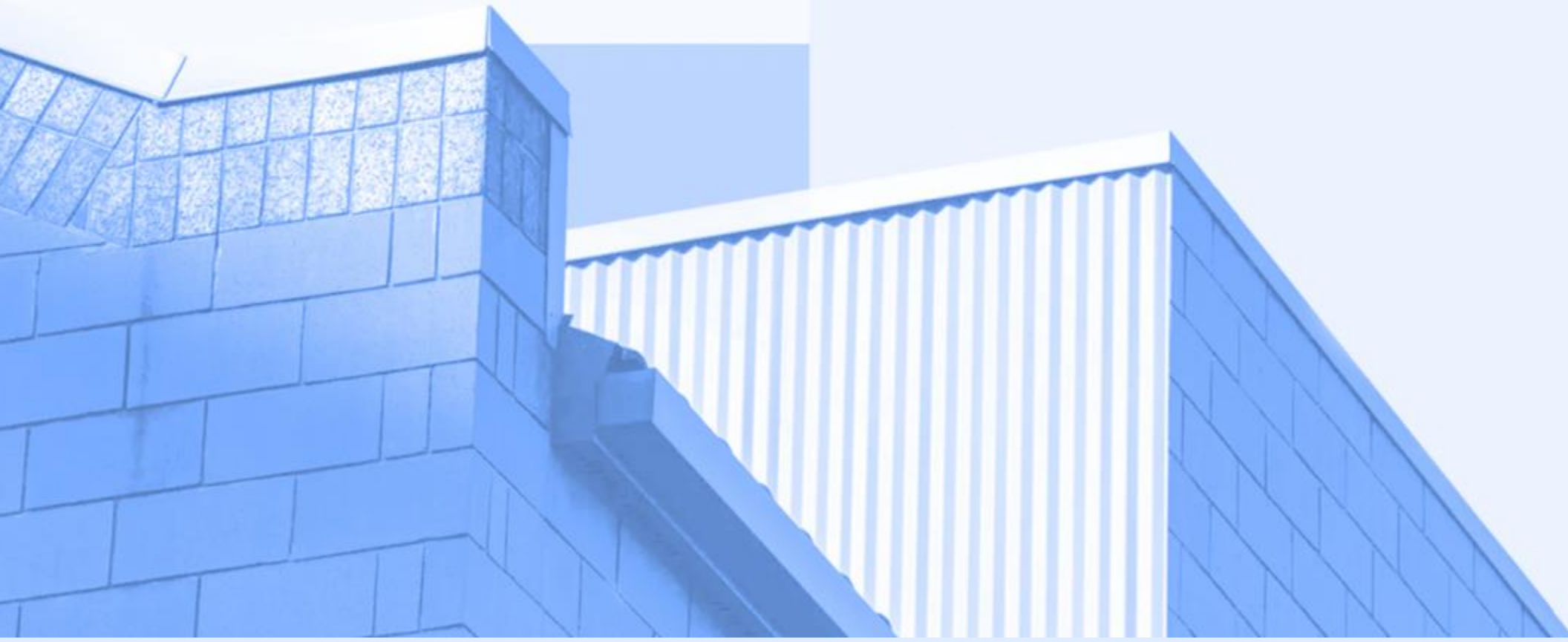# U-City Station Proposal

Challenges

Throop Drive Existing Conditions

1. **Crosswalk elevation gradient no curb ramp at crossing**

2. **High speed slip lane Creates pedestrian conflicts**

3. **Traffic signal utility box extends out of sidewalk Uneven for bikes + wheelchairs**

4. **Wide access to Forest Park Parkway Increases vehicle speeding across pedestrian crossing**

5. **No buffer between sidewalk + Forest Park Parkway**

6. **Long + circuitous walk to nearest light Encourages Illegal street crossing**

ACCESS
STL

The Village Existing Conditions

1. • Station difficult to access from campus/the Village due to fencing, lack of pedestrian path
   • Poor station visibility

2. • No bike parking adjacent to station near WashU, makes access from S40 difficult
   • Bike parking limited, requires crossing Big Bend Blvd with long signal times, wide crossing distance

3. • Shuttle stop far from station
   • Poor visibility/wayfinding to station

ACCESS
STL

Recommendations

Throop Drive Solution

1   **Reduce** crossing's elevation gradient
Add curb ramp facing crossing

2   **Remove** slip lane
       → **Reduce** conflicts with pedestrians
       → **Reduce** crossing distance

3   **Make** utility box flush with sidewalk

4   **Install** continuous sidewalks
       → **Reduce** vehicle speeds
       → **Improve** sidewalk connection for cyclists, wheelchair users

5   **Shift** sidewalk 2' from Forest Park Parkway
       → **Makes** room for physical separation via bollards or vegetation
       → **Produces** safe walking experience

6   **Create** mid-block crossing w/brick surface + flashing pedestrian sign
       → **Increase** crossing + pedestrian visibility
       → **Reduce** vehicle speeds at intersection

ACCESS STL

The Village Solutions

1 **Create direct path** connecting the Village to station entrance

2 Add **bike parking** at station entrance
Add signage visible from Village entrance to remind students of Metrolink as transportation option

3 Options
• **Reactivate bus shelter** behind Millbrook 3 as shuttle stop to reduce distance + increase visibility of station or
• **Provide high visibility signage** from the Village entrance – directs students to station entrance

ACCESS
STL

Thank you! Any questions?

https://accessstl.weebly.com

Jason Zhang jasonz@wustl.edu

ACCESS
STL