



# Welcome to the Railroad Corner Pedestrian Bridge and Improvement Feasibility & Planning Study



We are glad you are here to learn about the project and share your feedback!

The display boards show the potential approach facilities on each side of the pedestrian bridge. Place a dot on the Alternative you prefer.

The evaluation matrix provides a comparison of the alternatives against several criteria.

Leave your feedback on the comment form and visit the project website to stay informed.



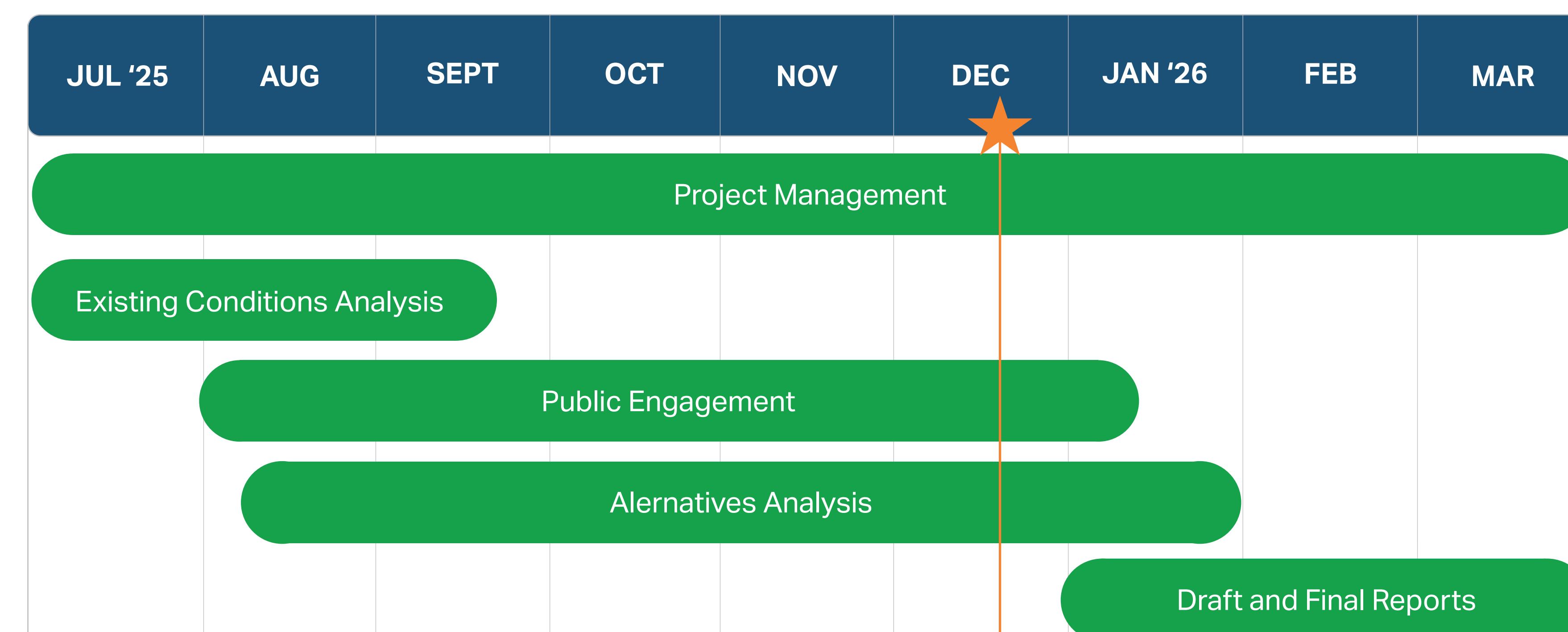
## Study Area



## Project Website + Online Survey



## Project Schedule



**AECOM**

CITY OF  
**Orangeburg**  
SOUTH CAROLINA



# Evaluation Process

## Railroad Corner & Pedestrian Bridge Feasibility & Planning Study

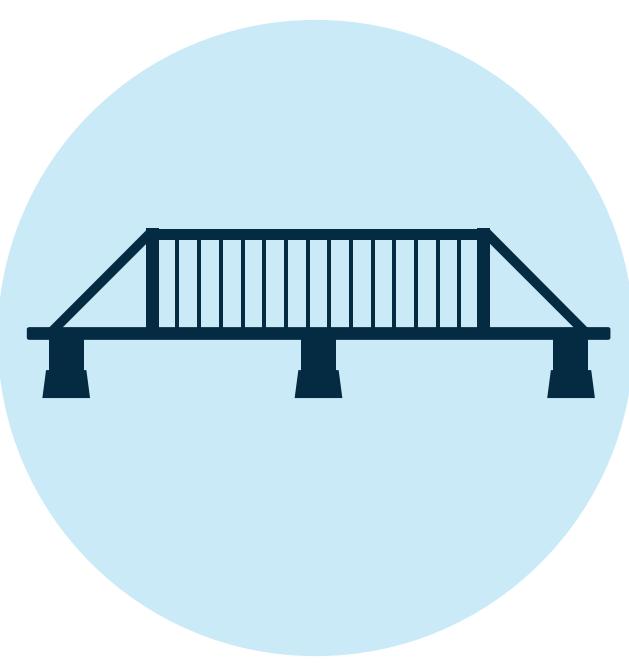


Most Favorable

Neutral

Less Favorable

### Name and Description



#### West Side - Garage

#### East Side - University

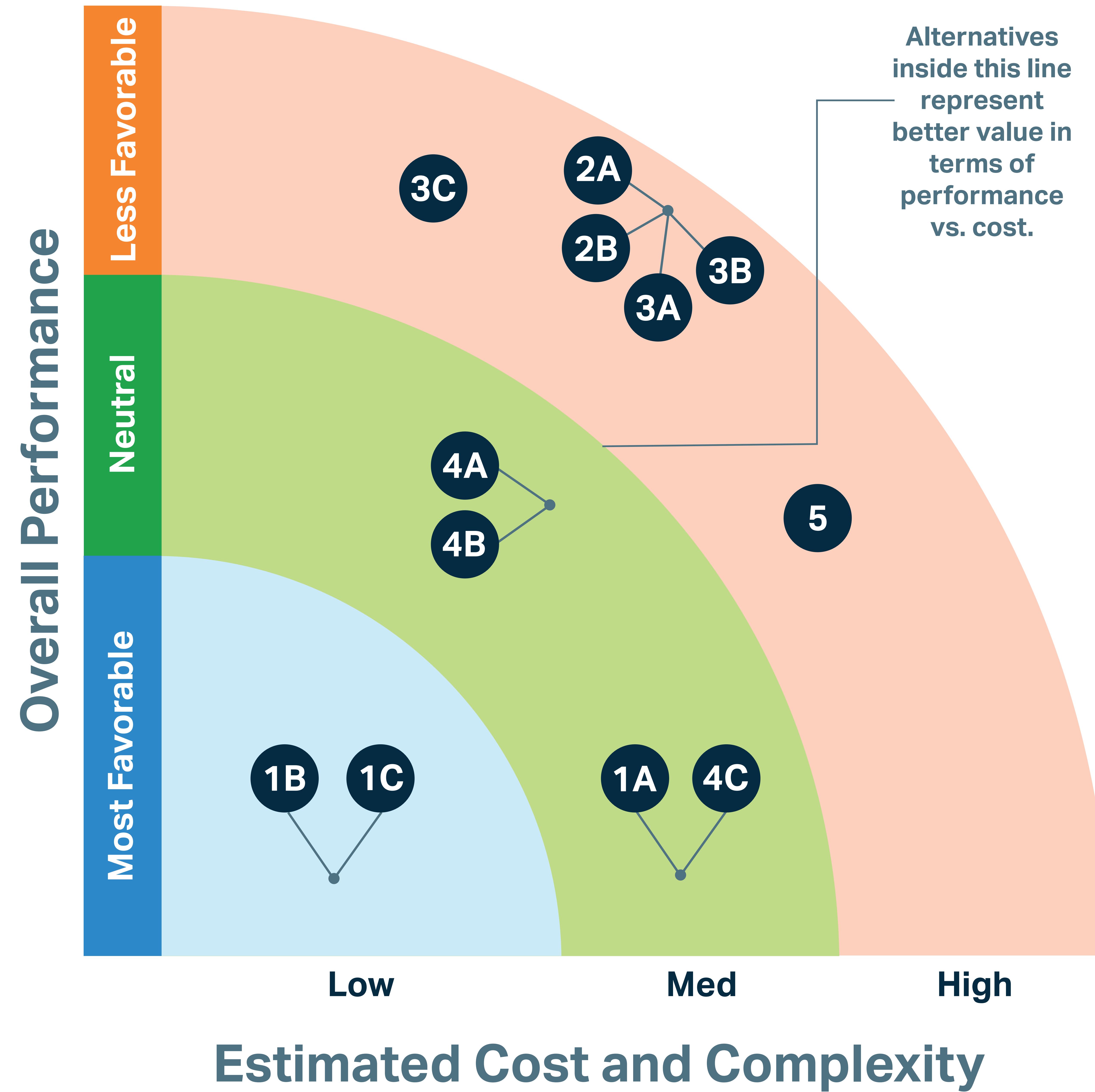
Name and Description	West Side - Garage			East Side - University								Alternative 5	
	1A	1B	1C	Alternative 1		Alternative 2		Alternative 3			Alternative 4		
Mode and Access Points	Ramp & External Stairs	External Stairs with Bike Gutter	No Additional	Elongated Switchback	Elongated Switchback with Campus Spur Ramp	Zig-Zag Ramp	Zig-Zag Ramp with Stair on Tower Exterior	Zig-Zag Ramp with Internal Tower Stairwell	Elevator with Dual External Staircases	Elevator with Split Staircase	Elevator with Tower Staircase	Elevator and Stairs with Alternative 2B	
ADA	2	1	1	1	2	1	1	1	1	1	1	3	
Walk	4	3	2	2	3	2	3	2	3	3	2	4	
Bike	2	2	1	1	2	1	1	1	1	1	1	3	
Cost & Complexity	600' Ramp	60' Staircase	None	430' Ramp and 50' Stairs	630' Ramp and 50' Stairs	450' Ramp and 20' Stairs	450' Ramp and 80' Stairs	450' Ramp and 120' Stairs	Elevator and 60' Stairs	Elevator and 125' Stairs	Elevator and 60' Stairs	Elevator, 630' Ramp, and 110' Stairs	
Right of Way Impacts	\$\$	\$	\$	\$\$\$	\$\$\$	\$\$\$	\$\$\$	\$\$	\$\$	\$\$	\$\$	\$\$\$	
Utility Impacts	Treadwell Historic District (11,600 ft <sup>2</sup> )	Treadwell Historic District (2,500 ft <sup>2</sup> )	None	Orangeburg Massacre Historic District (15,000 ft <sup>2</sup> )	Orangeburg Massacre Historic District (19,500 ft <sup>2</sup> )	Orangeburg Massacre Historic District (17,000 ft <sup>2</sup> )	Orangeburg Massacre Historic District (18,000 ft <sup>2</sup> )	Orangeburg Massacre Historic District (17,000 ft <sup>2</sup> )	Orangeburg Massacre Historic District (5,000 ft <sup>2</sup> )	Orangeburg Massacre Historic District (5,500 ft <sup>2</sup> )	Orangeburg Massacre Historic District (4,500 ft <sup>2</sup> )	Orangeburg Massacre Historic District (20,00 ft <sup>2</sup> )	
Water	None	None	None	220' Main	220' Main	None	80' Main	None	80' Main	160' Main	None	220' Main	
Sewer	None	None	None	260' Main and 1 manhole	260' Main and 1 manhole	110' Main	110' Main	110' Main	None	None	None	260' Main and 1 manhole	
Electric	250' Overhead Line and 2 Utility Poles	50' Overhead Line and 1 Utility Pole	None	450' Overhead Line and 4 Utility Poles	450' Overhead Line and 4 Utility Poles	80' Overhead Line	80' Overhead Line	80' Overhead Line	80' Overhead Line	80' Overhead Line	80' Overhead Line	450' Overhead Line and 4 Utility Poles	
Public and Stakeholder Support	To Be Added After Public Comment Period Has Closed												
Overall Performance	Most Favorable	Most Favorable	Most Favorable	Less Favorable	Less Favorable	Less Favorable	Less Favorable	Neutral	Neutral	Neutral	Most Favorable	Less Favorable	



# Evaluation Process

## Cost Considerations: Relative Comparisons

- Chart compares high-level estimated costs (horizontal axis) and Overall Performance Results (vertical axis).
- Alternatives within the inner rings represent better value in terms of performance vs. cost.
- Public input to be added after comment period closes.





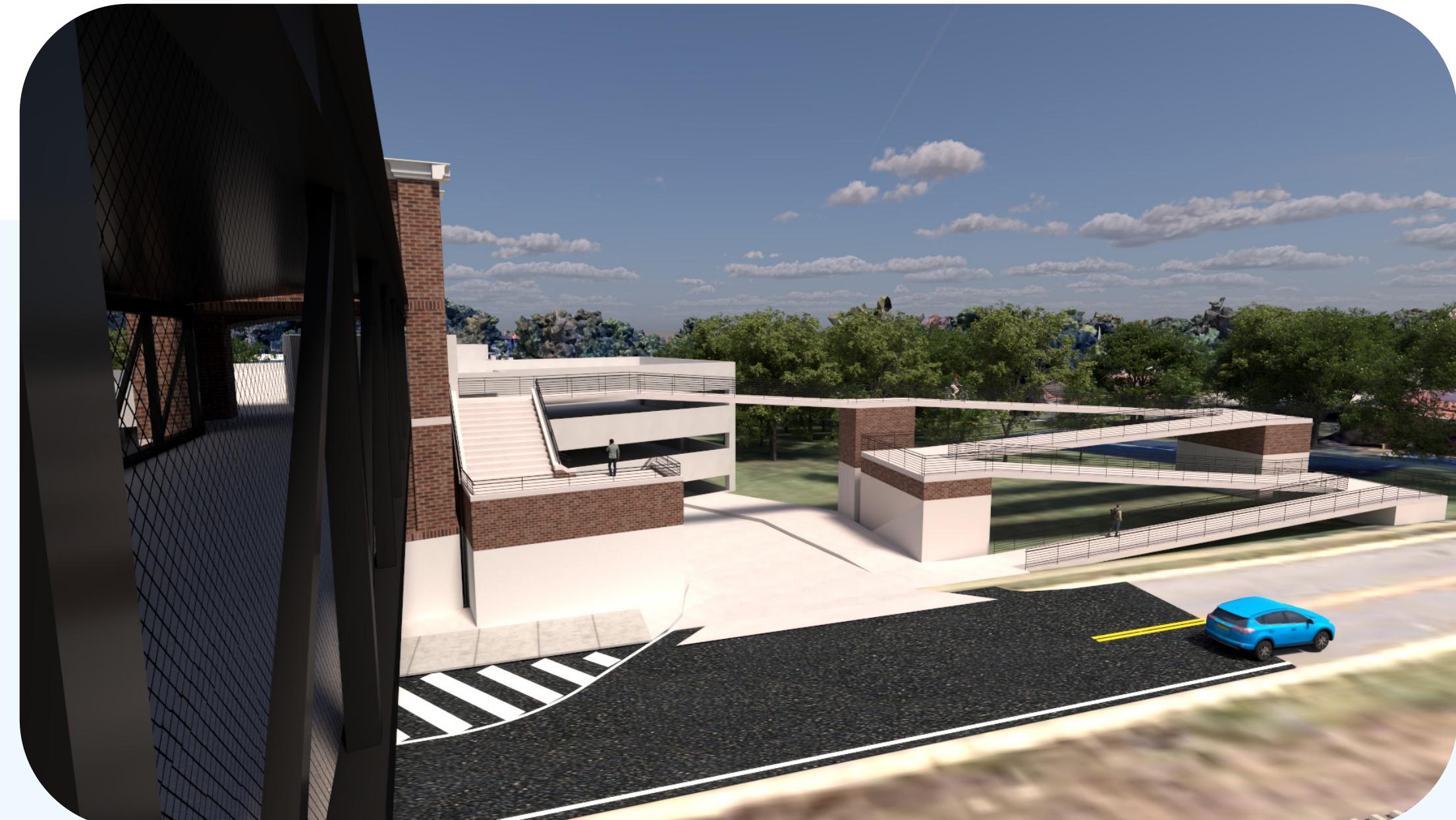
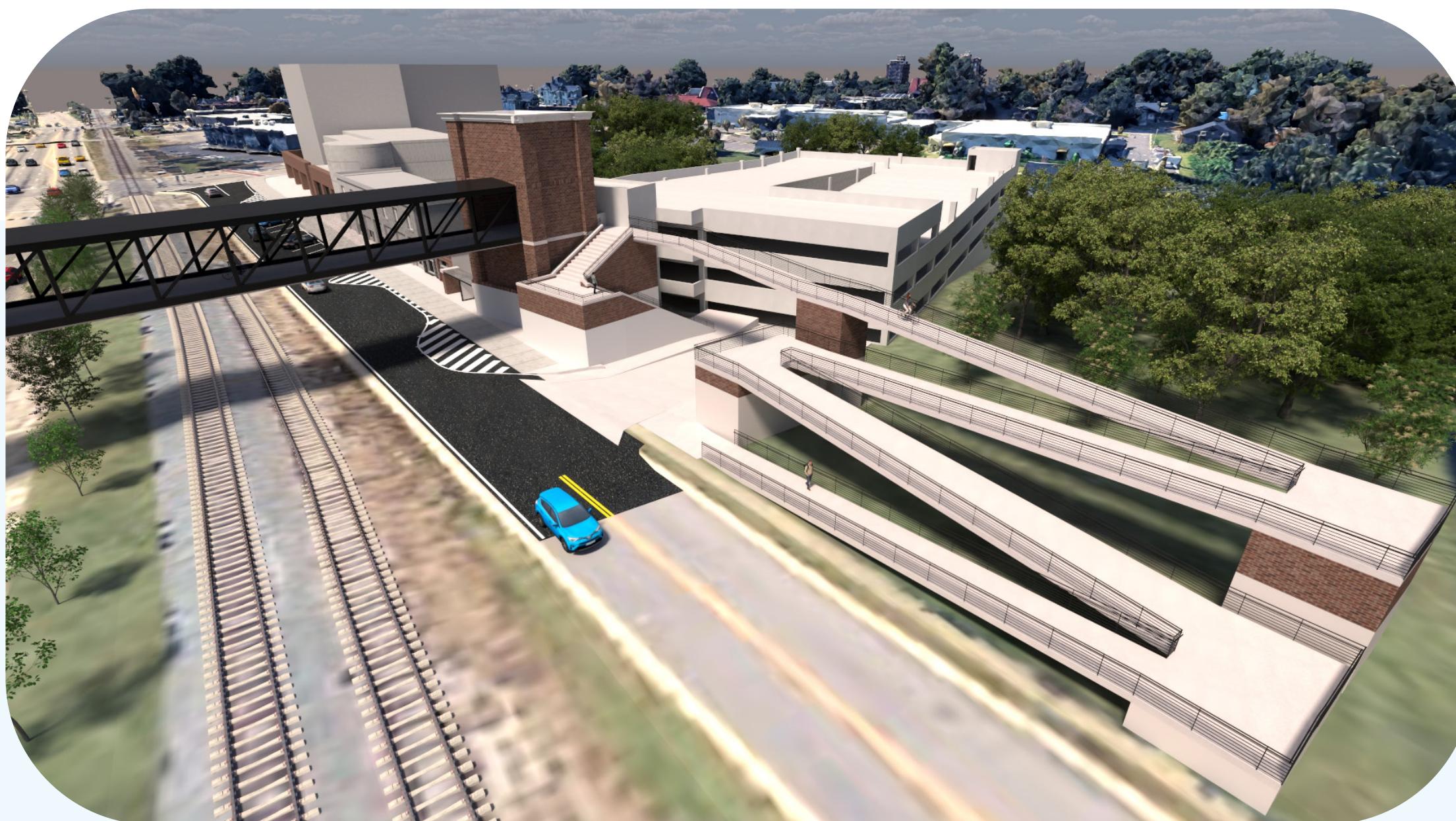
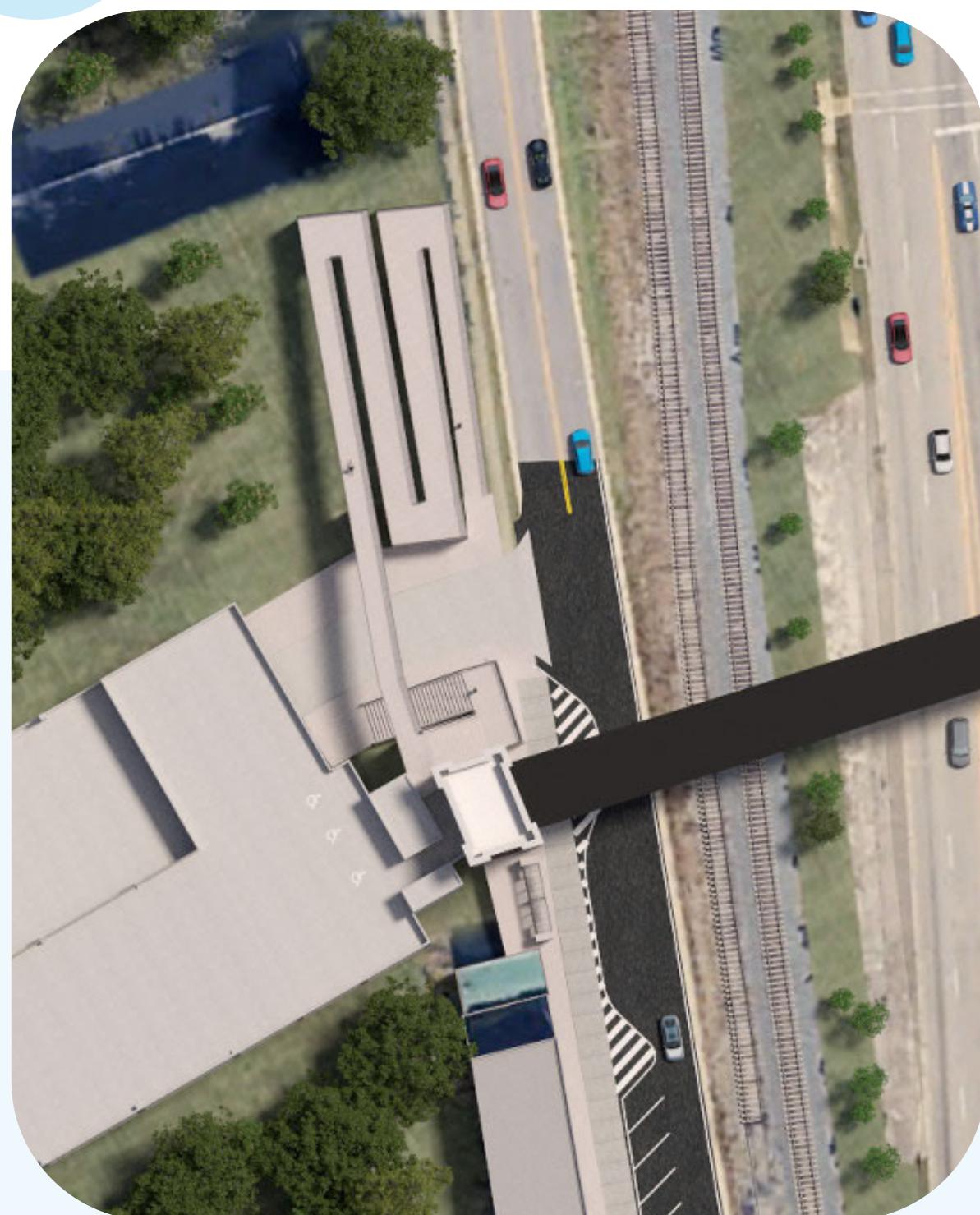
# Alternative 1 - Garage Side

Railroad Corner & Pedestrian Bridge  
Feasibility & Planning Study



*All Alternatives include an Elevator and Stairs include with the Parking Deck. Design Options are subject to further review and approval by environmental agencies.*

1A



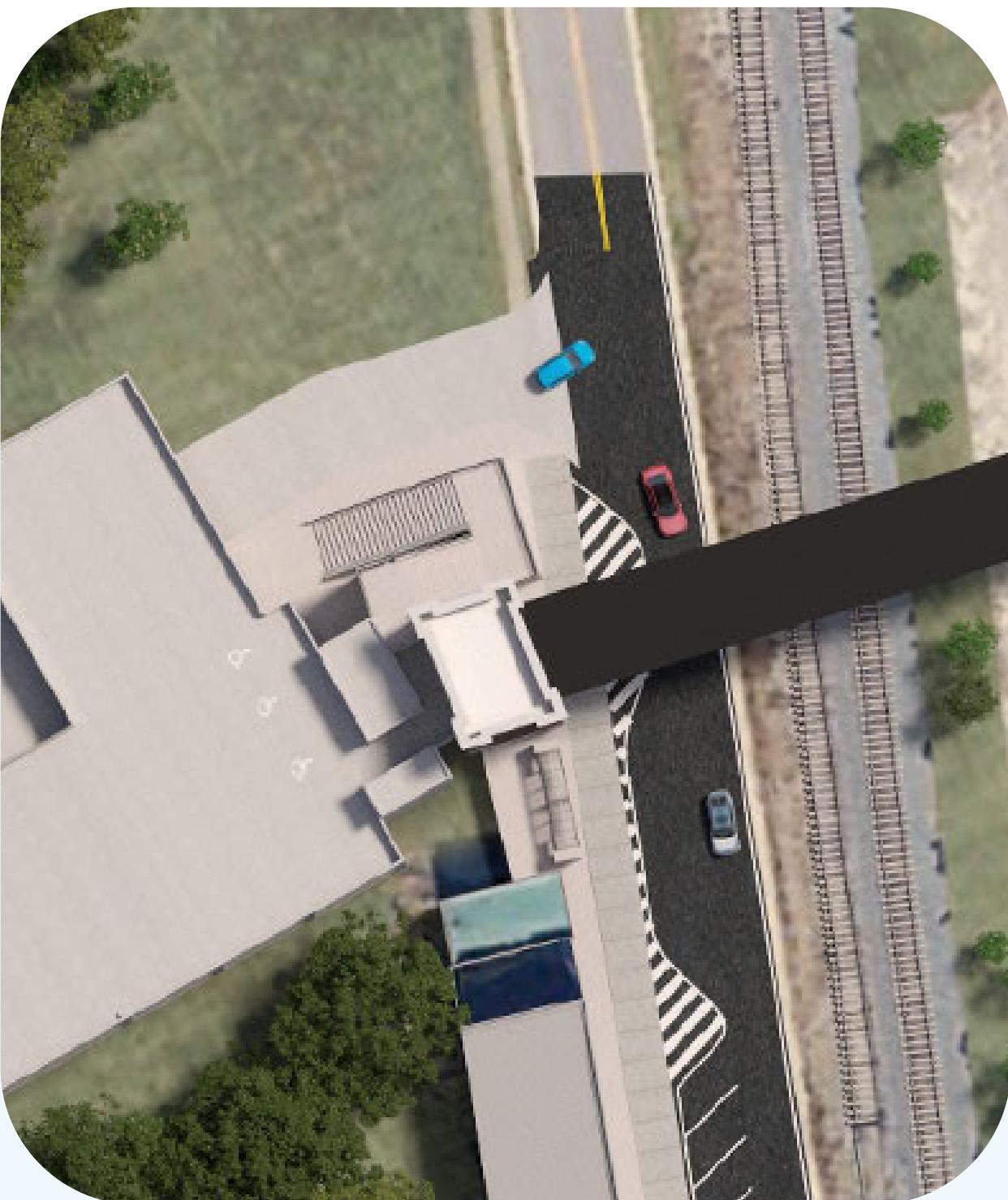
Place one dot in the blue space below.  
Mark your Choice!

1A

Ramp + External Stairs

PLACE DOT HERE

1B



1B

External Stairs +  
Bike Gutter

PLACE DOT HERE

1C



1C

No Additional

PLACE DOT HERE



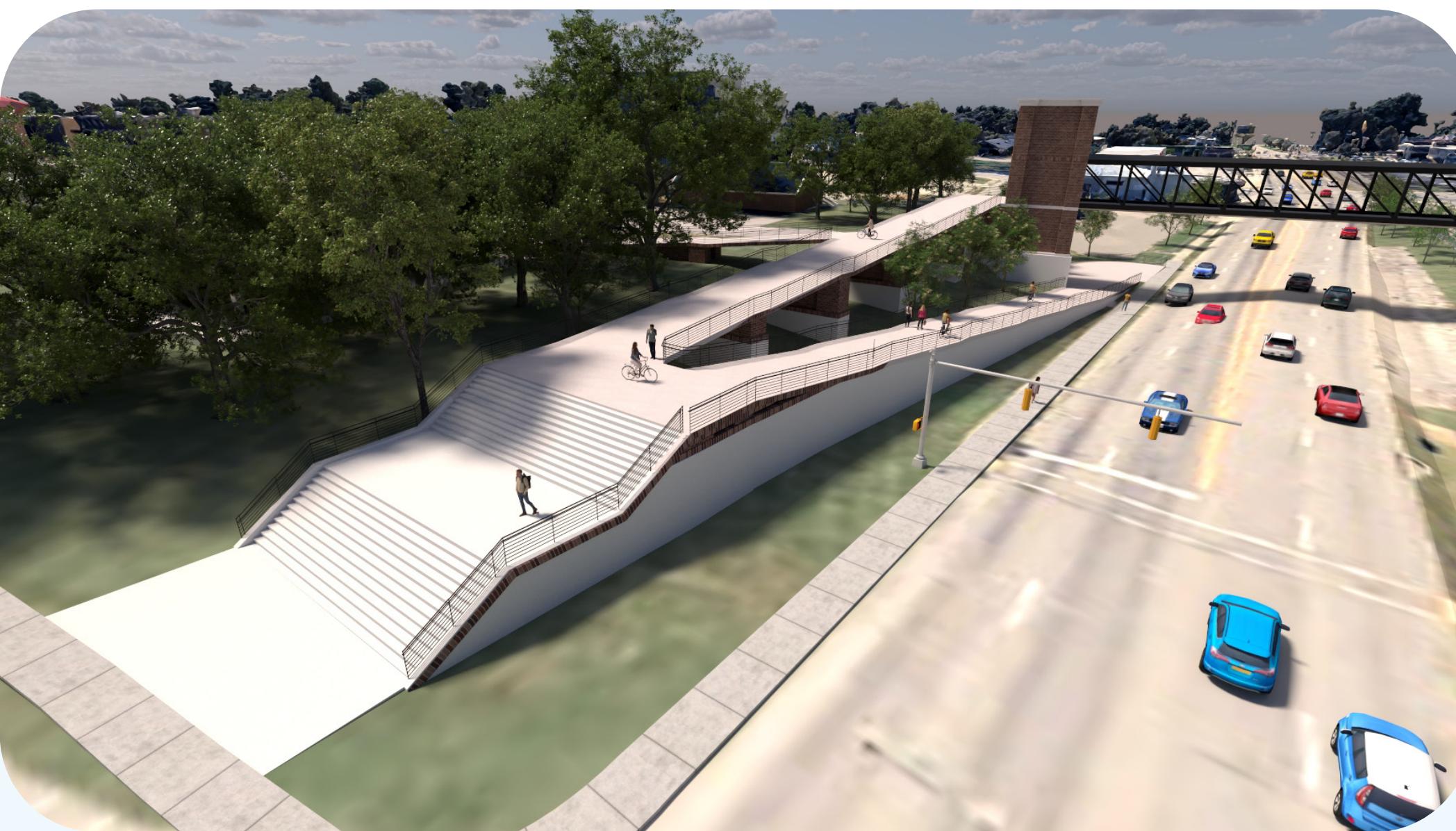
# Alternative 2 - Campus Side/ Elongated Switchback



*Design Options are subject to further review and approval by environmental agencies.*

2A

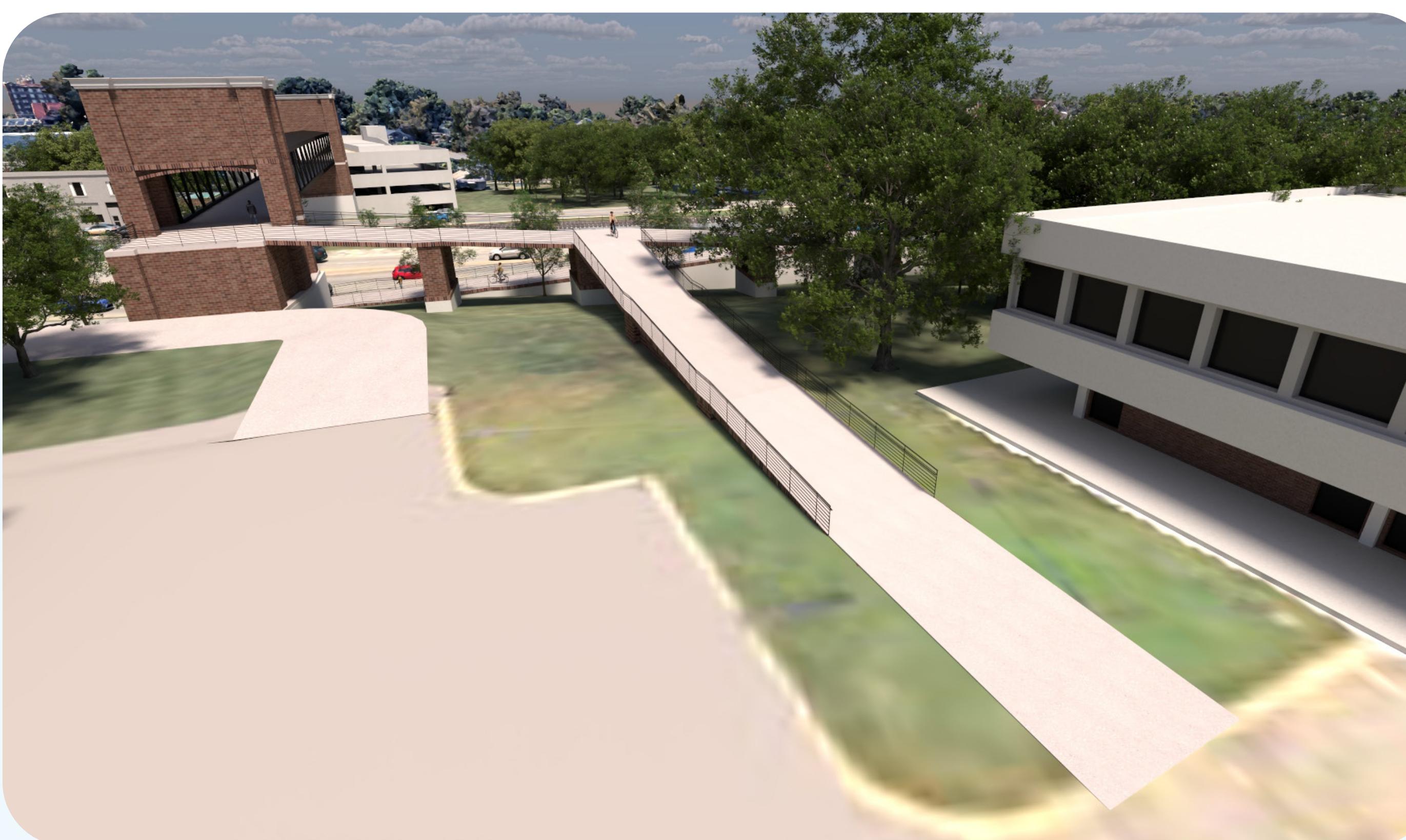
If you prefer this alternative, place one dot in the blue space below the options to mark your preference:



2A Elongate Switchback

PLACE DOT HERE

2B



2B Elongate Switchback with Campus Spur Ramp

PLACE DOT HERE