A photograph of a forest stream with a white text box overlaid. The text box contains the following text:

CITY OF MCKINNEY
LAUD HOWELL
PARKWAY
EXTENSION

AGENDA

1

Project Overview

2

Site Analysis

3

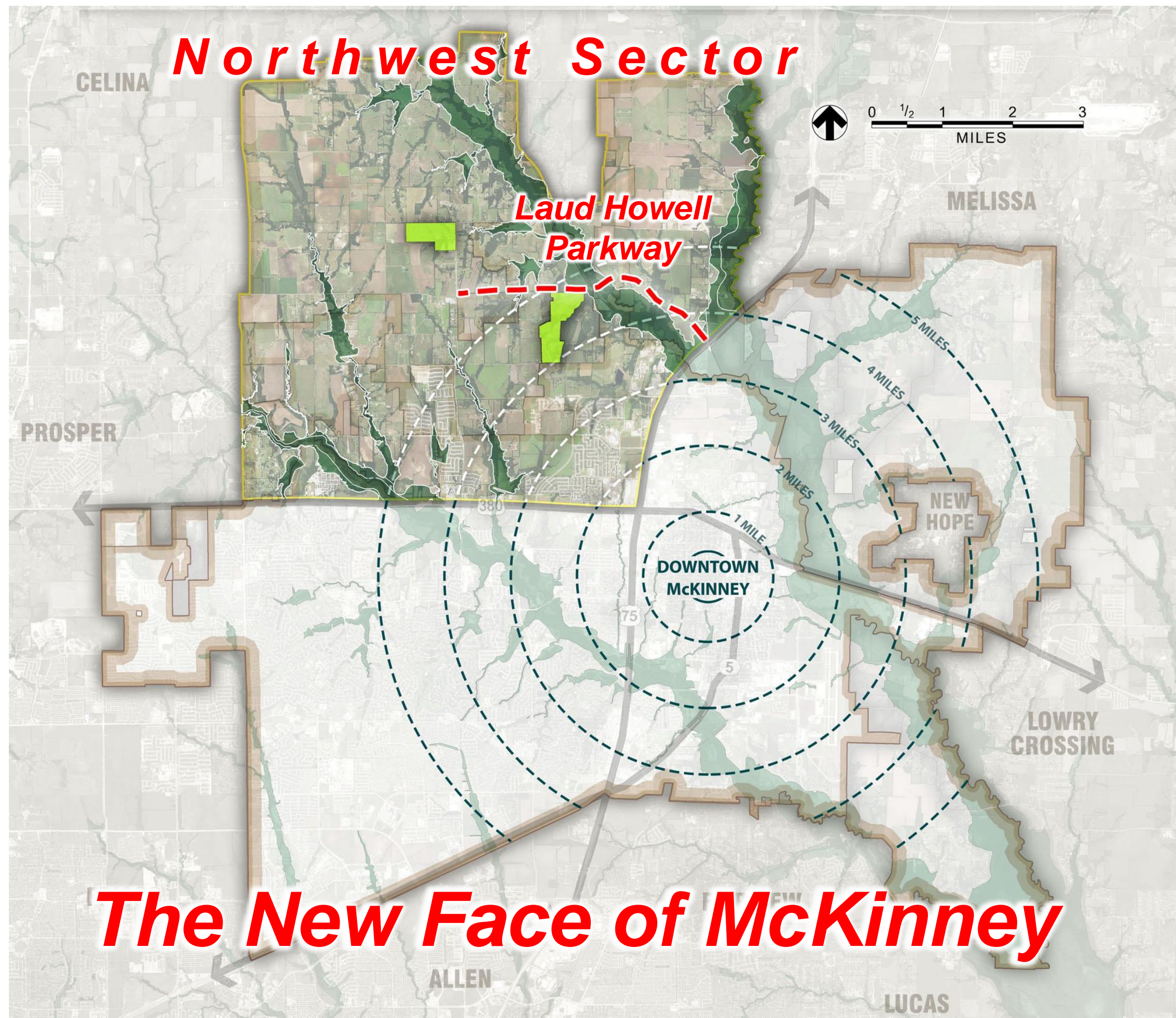
Roadway Alignment Options

4

Bridge Design Concepts

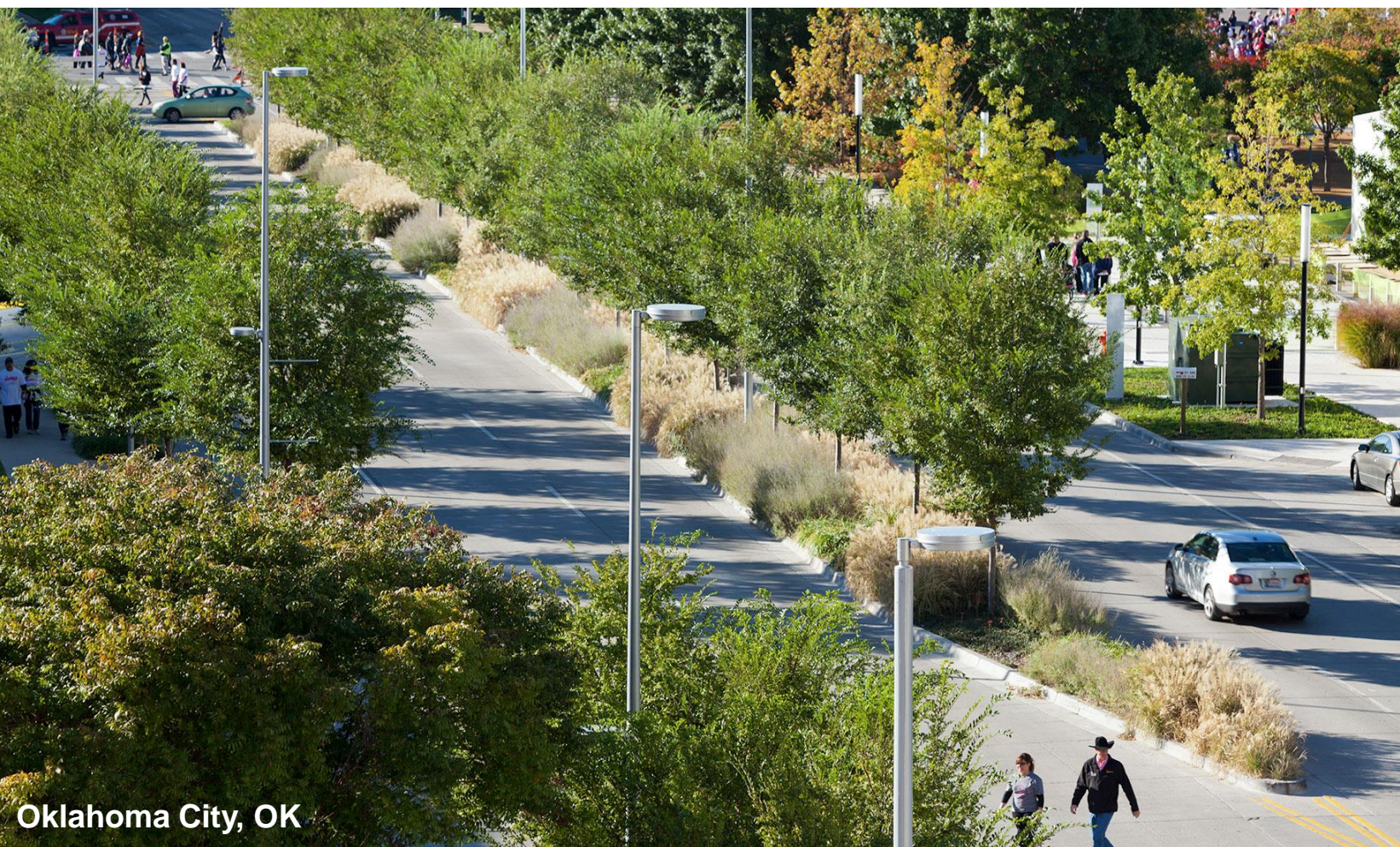
A photograph of a forest stream with a large tree on the left and a path on the right, overlaid with a teal gradient. The text "PROJECT OVERVIEW" is centered in white.

PROJECT OVERVIEW



The New Face of McKinney

WHAT IS A GREAT ROADWAY?



Oklahoma City, OK



Pig Trail, Arkansas



Natchez Trace, Mississippi



Allen Parkway, Houston, TX



The Woodlands, TX

WHAT IS A GREAT ROADWAY?



Coordinated with a Larger Plan



Comfortable and Safe



Balance Between Development and Preservation



Captures Views / Vistas



The Road is a *BRAND* for the City



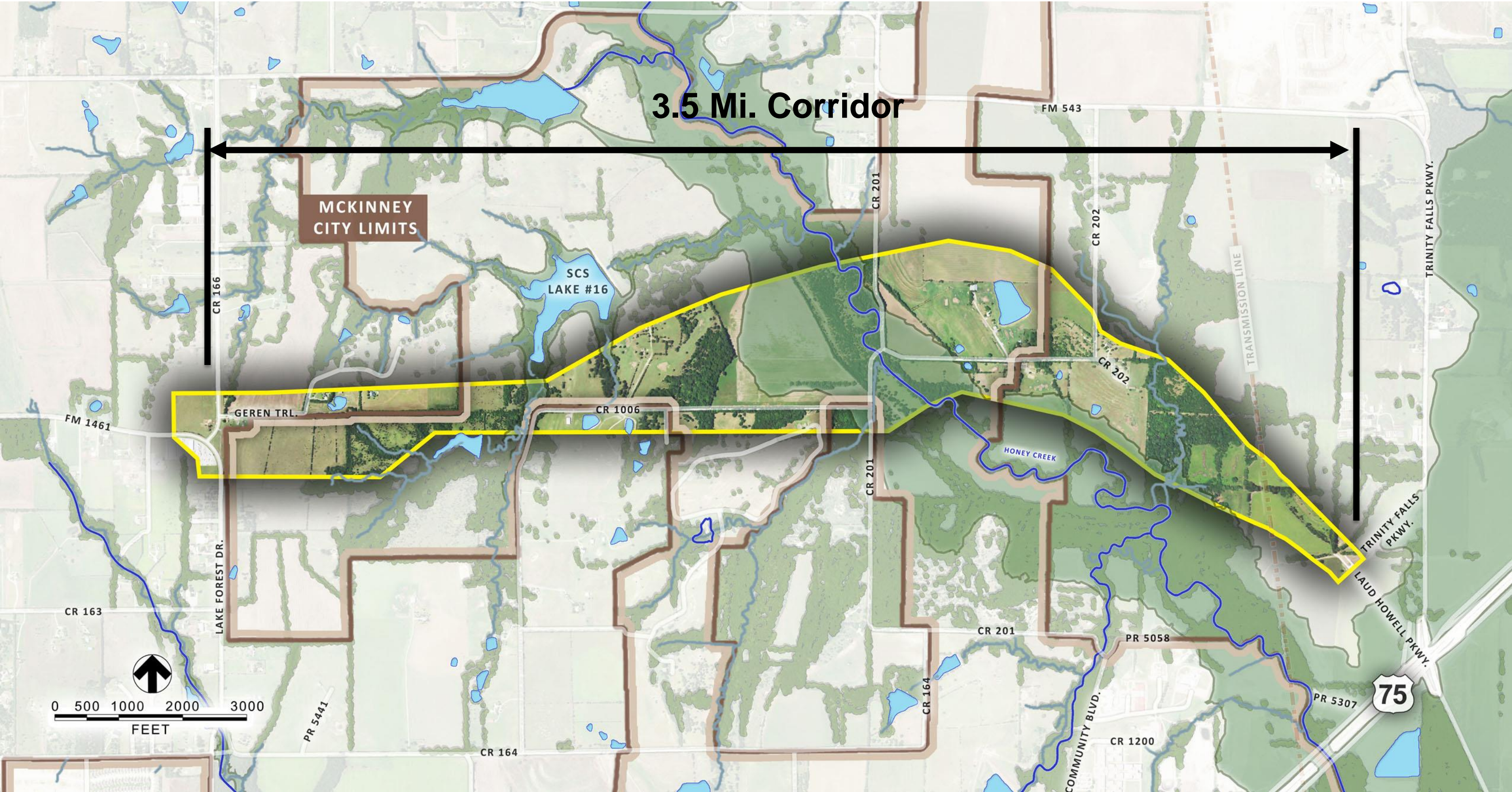
Creates Nodes and 'Pulse Points'

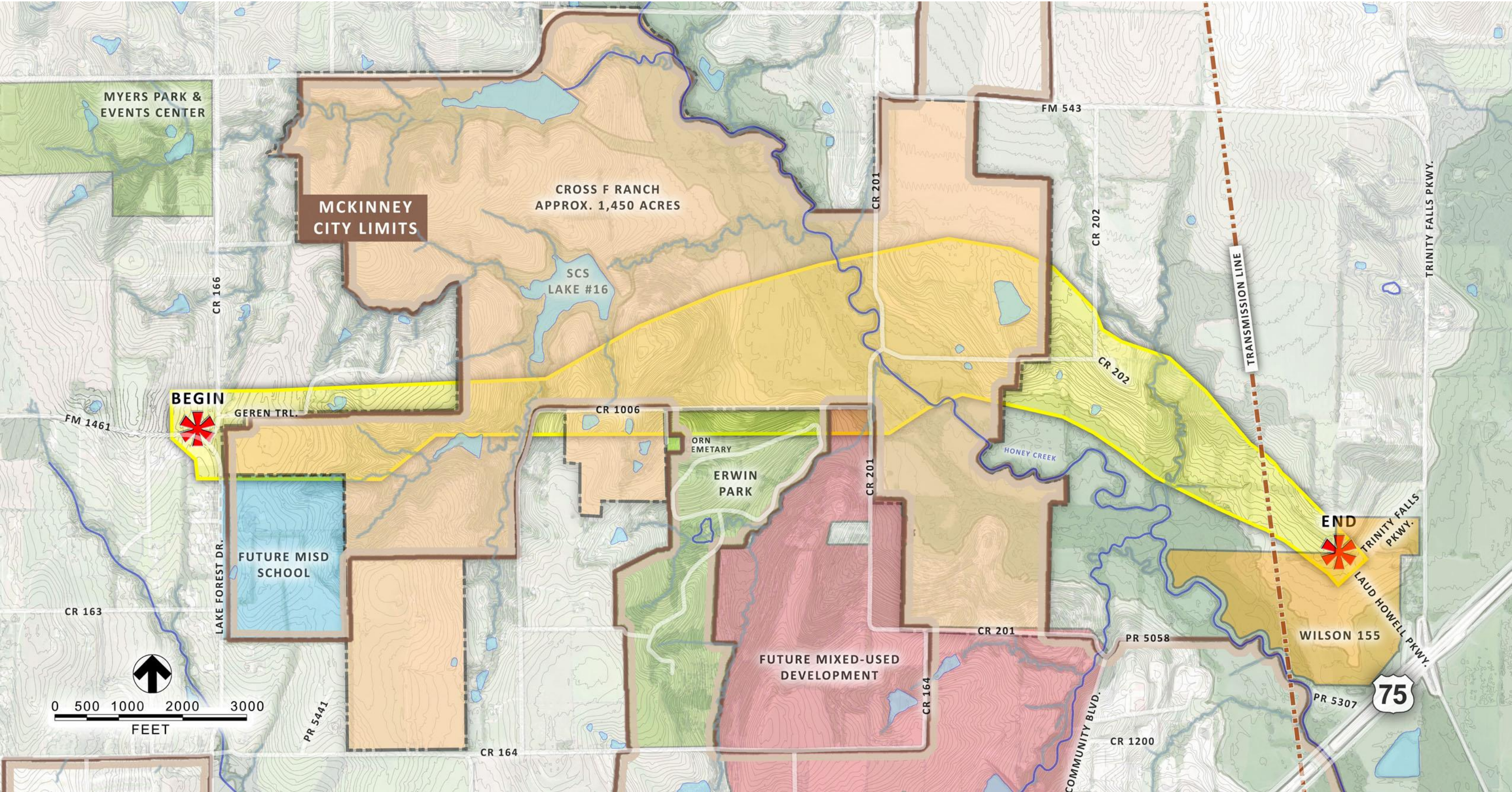
Influenced by the Natural Character of the Land

Rhythmic, Social

A photograph of a stream flowing through a dense forest. The water is clear and reflects the surrounding green foliage. The trees are tall and thin, with their branches reaching over the stream. The overall scene is peaceful and natural. The text 'SITE ANALYSIS' is overlaid in white, bold, sans-serif font across the center of the image.

SITE ANALYSIS





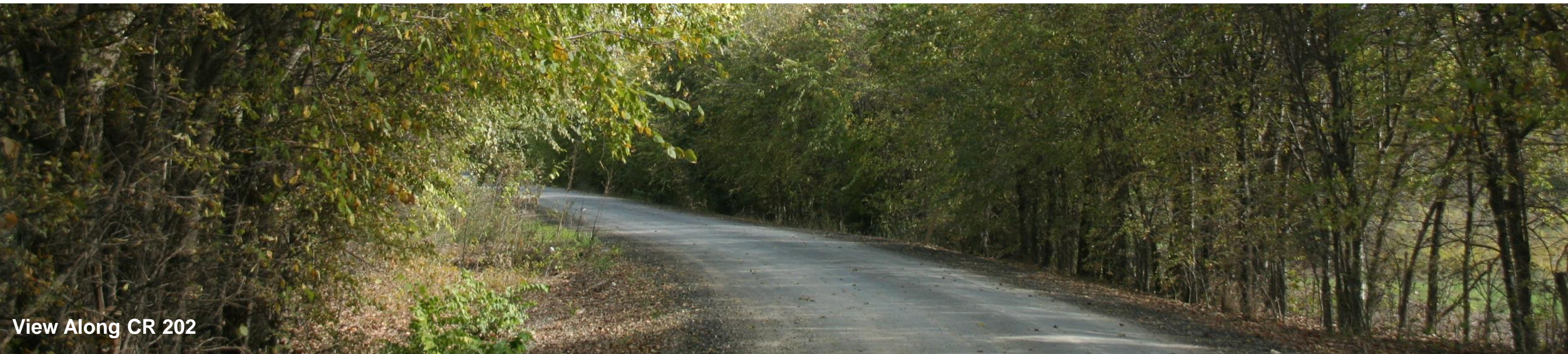
SITE PHOTOS



View Along CR 1006



View Along CR 202



View Along CR 202



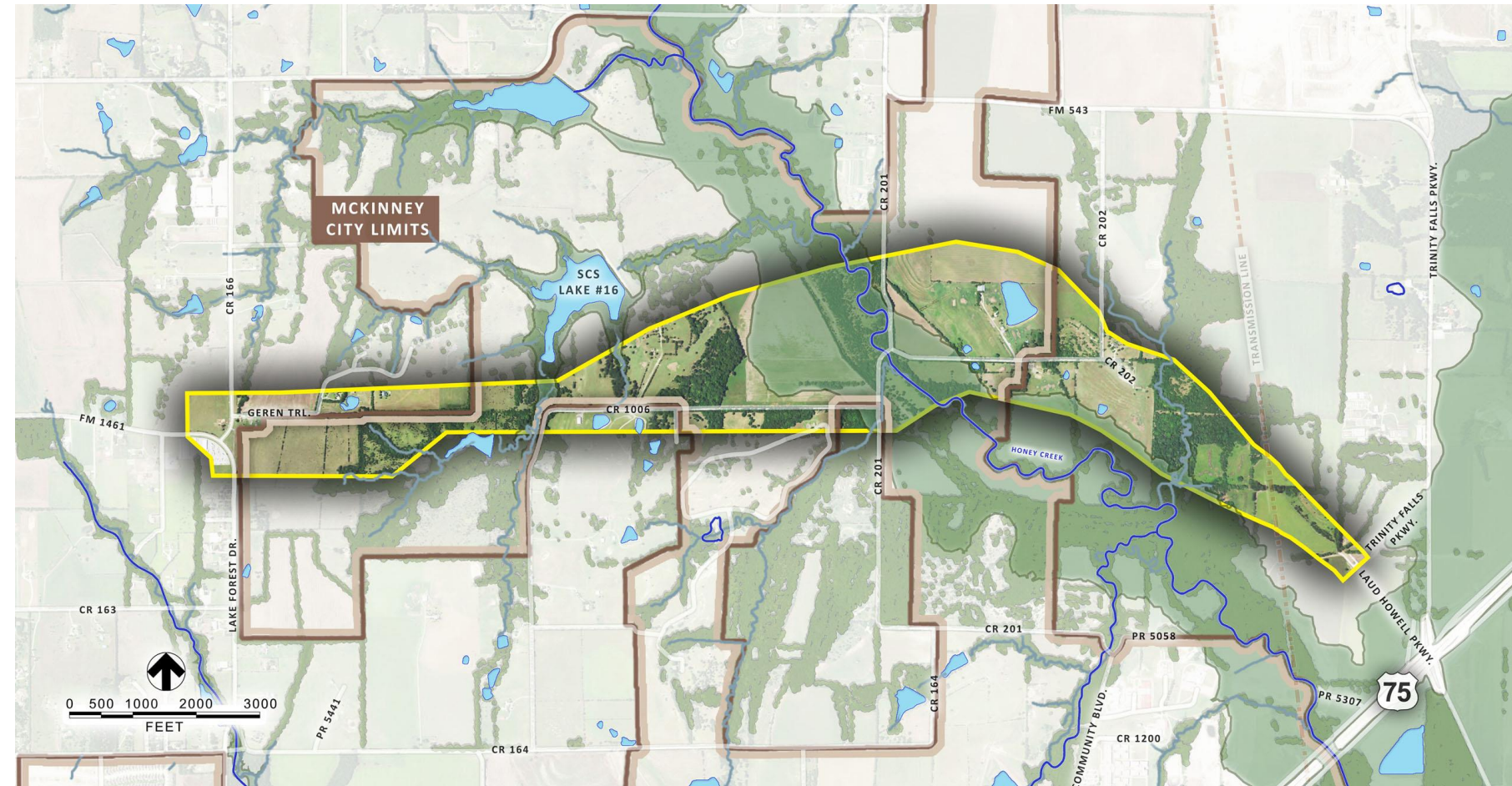
View From Erwin Park



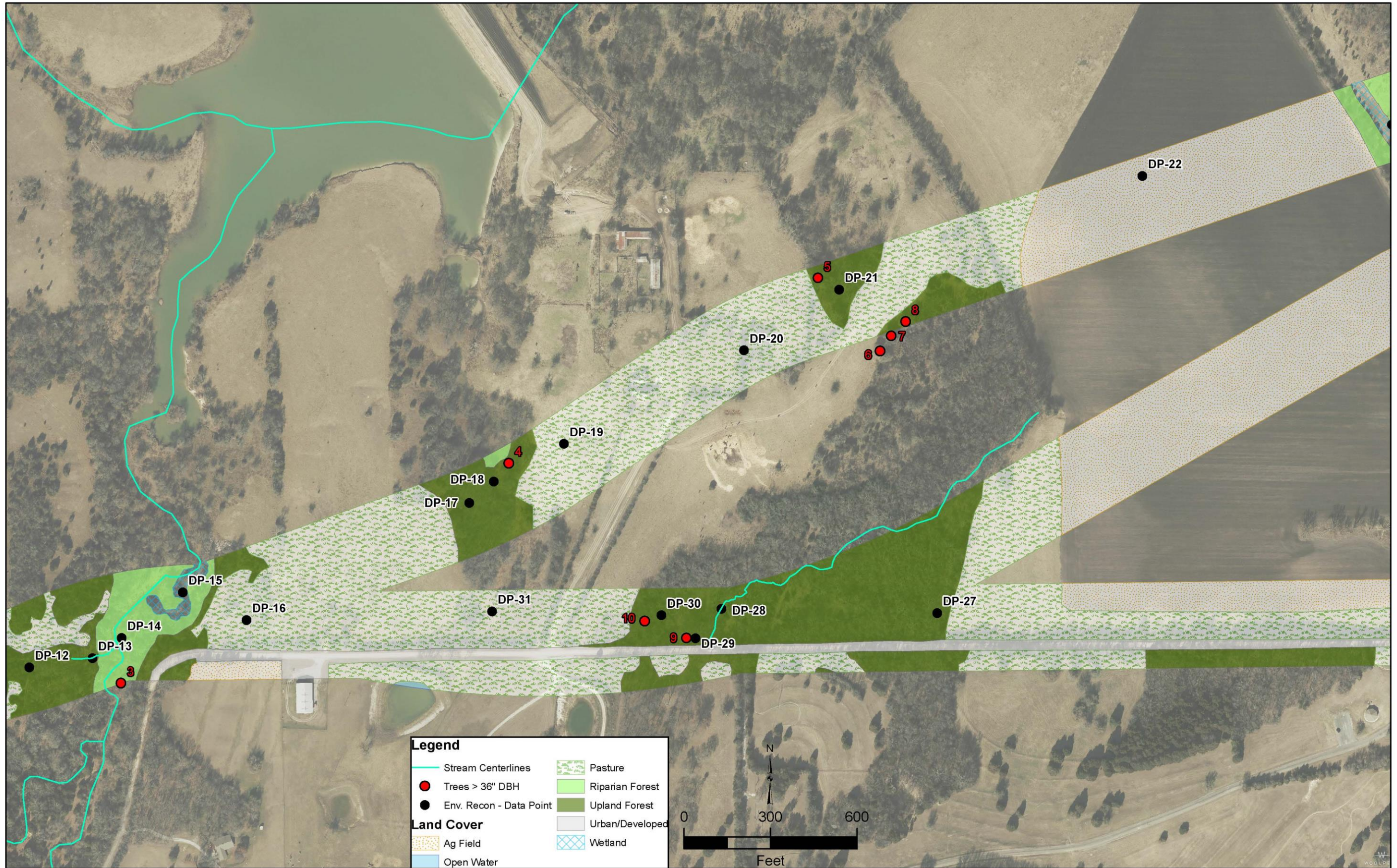
ROADWAY ALIGNMENT OPTIONS

Alignment Selection Criteria

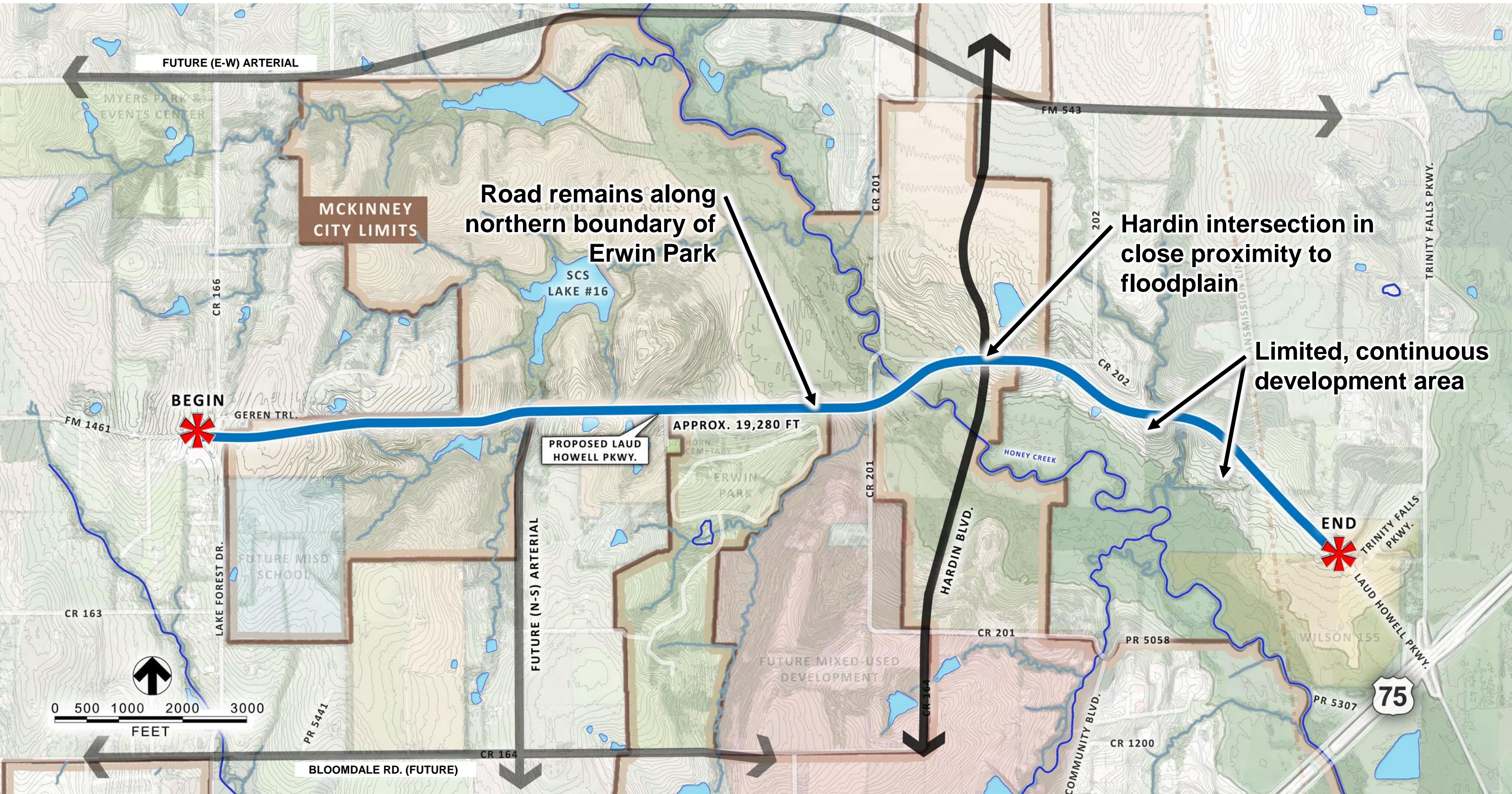
- Previous Decisions
- McKinney Design Criteria
- Floodplain
- Land Ownership
- Existing Structures
- Natural Resources



VEGETATION ANALYSIS – IN PROGRESS



ALIGNMENT "A" – 2009 FM 543 CONNECTOR



FUTURE (E-W) ARTERIAL

MCKINNEY CITY LIMITS

Road remains along northern boundary of Erwin Park

Hardin intersection in close proximity to floodplain

Limited, continuous development area

BEGIN

APPROX. 19,280 FT

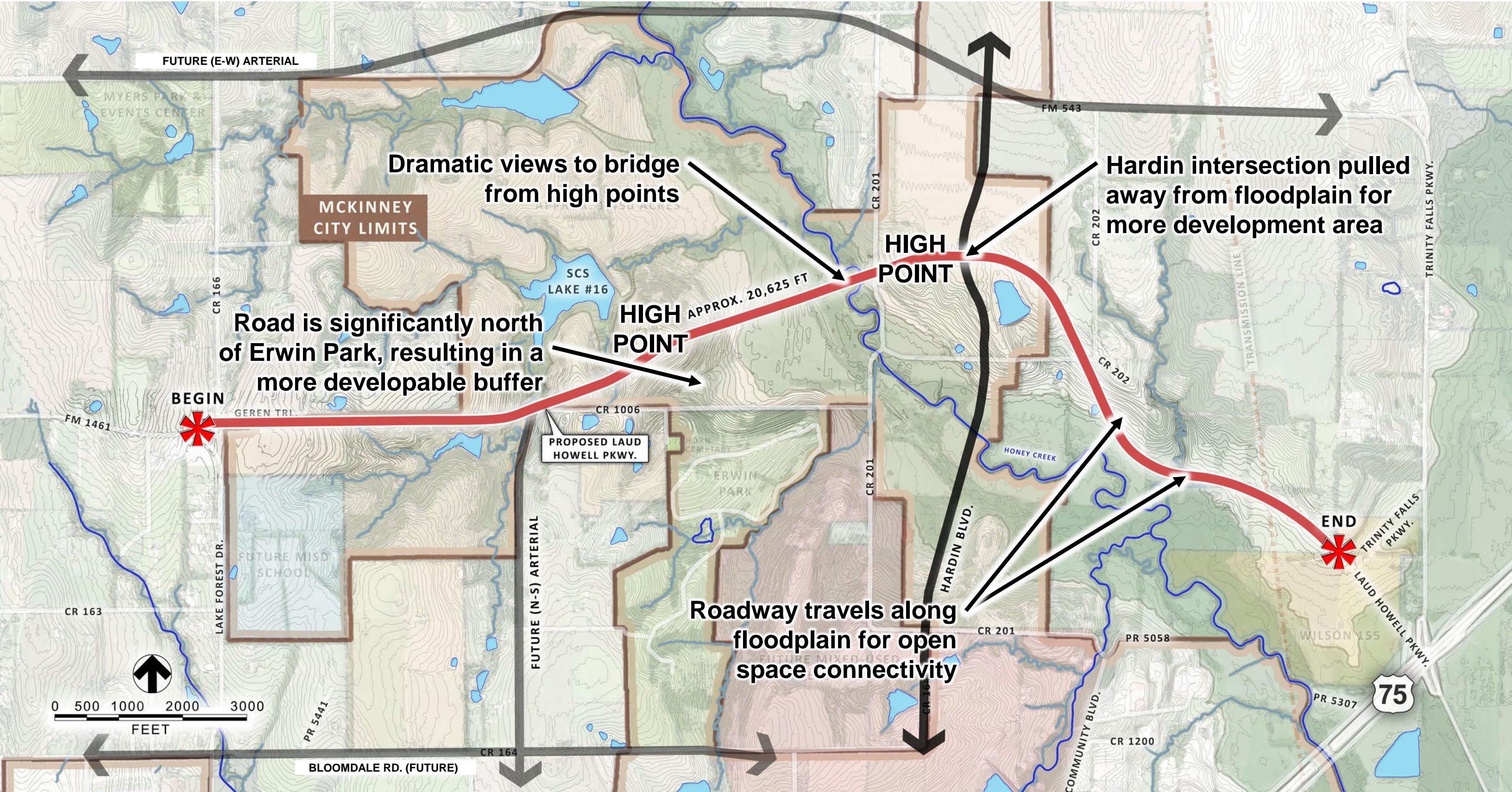
PROPOSED LAUD HOWELL PKWY.

END

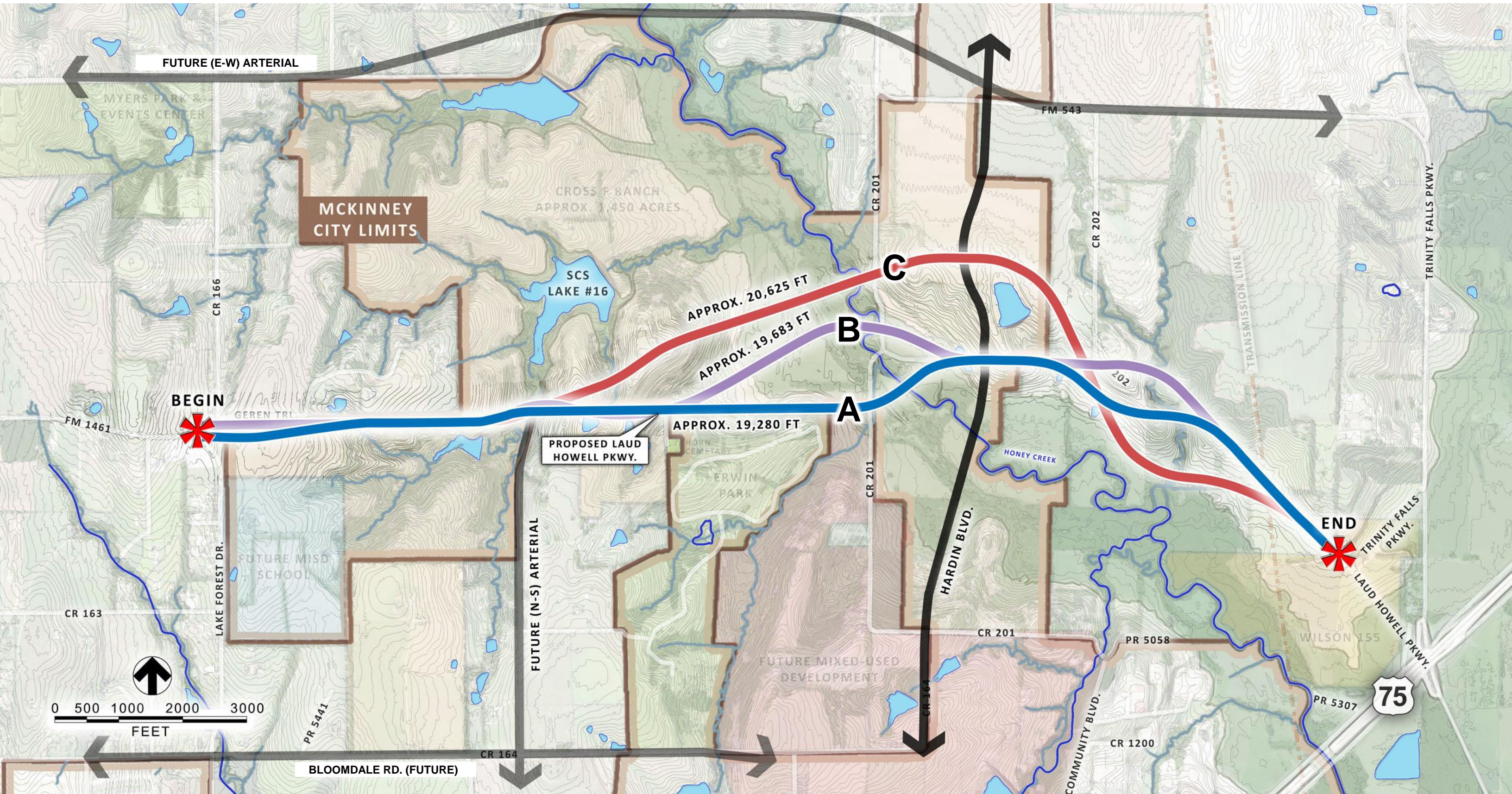
0 500 1000 2000 3000 FEET

75

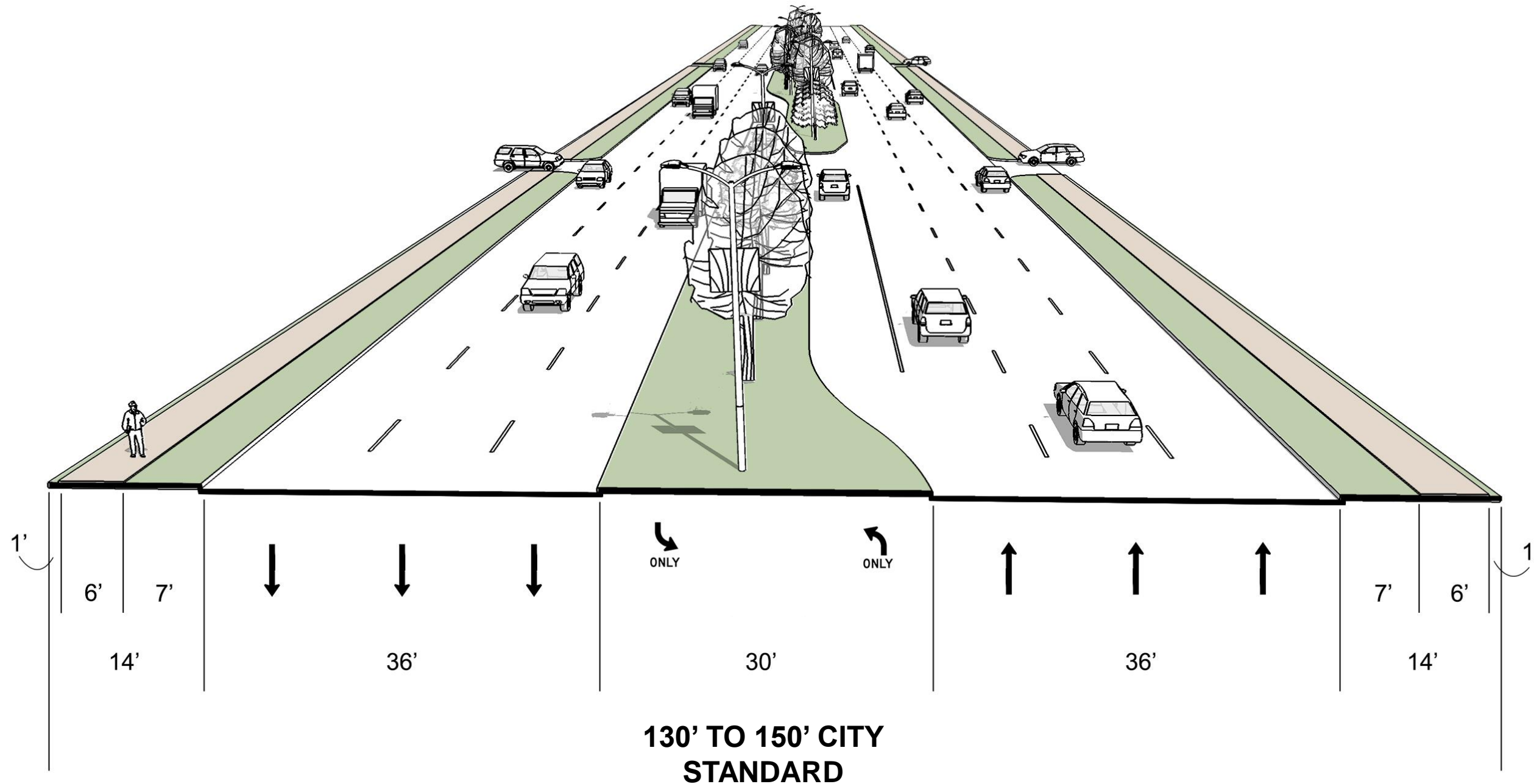
ALIGNMENT "C"



ALL ALIGNMENTS



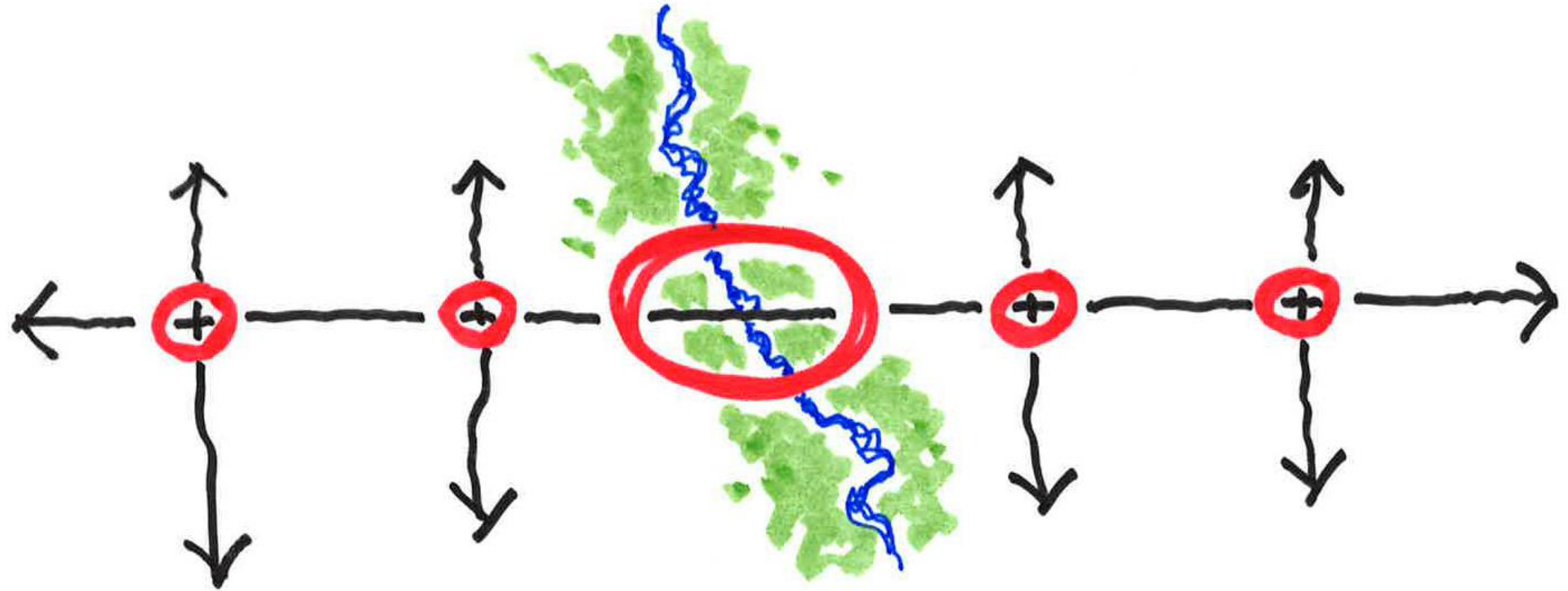
McKinney Standard Roadway Section



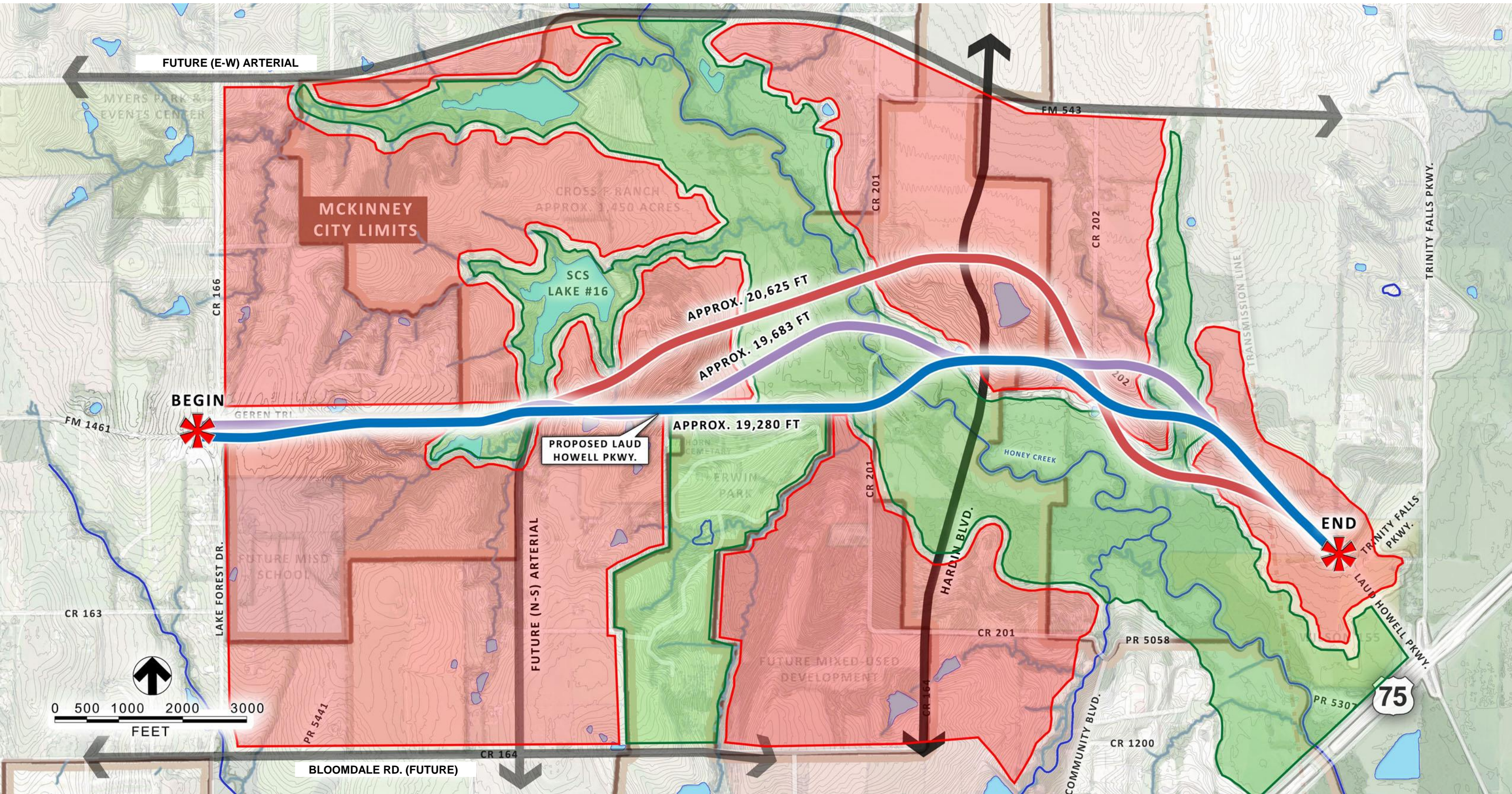
A photograph of a forest stream with a bridge in the background, overlaid with a teal gradient and white text. The text reads "BRIDGE DESIGN CONCEPTS".

BRIDGE DESIGN CONCEPTS

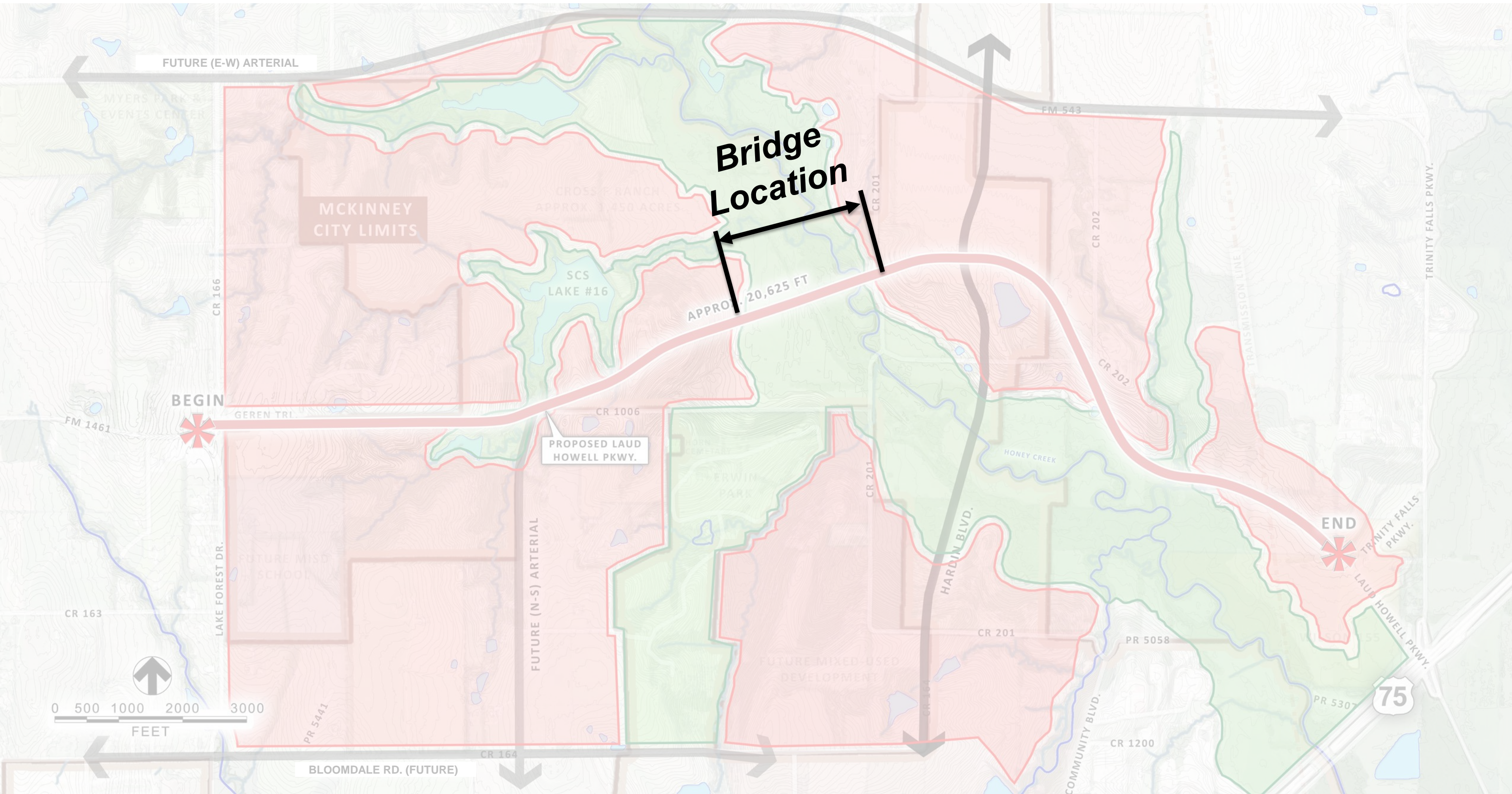
"Celebrating Nature"
Bold Statement, Strong



ROADWAY PULSE POINTS

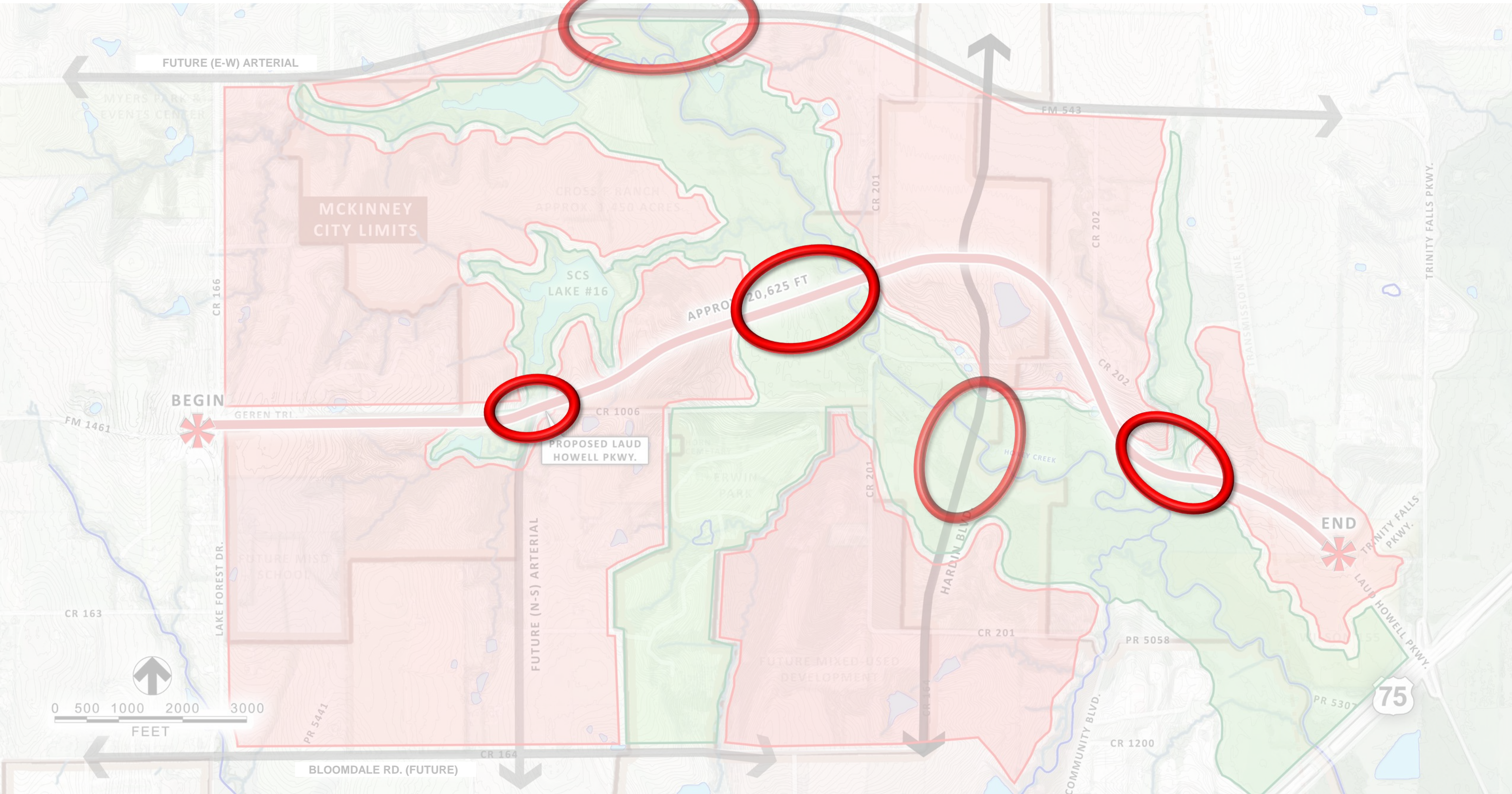


ROADWAY PULSE POINTS

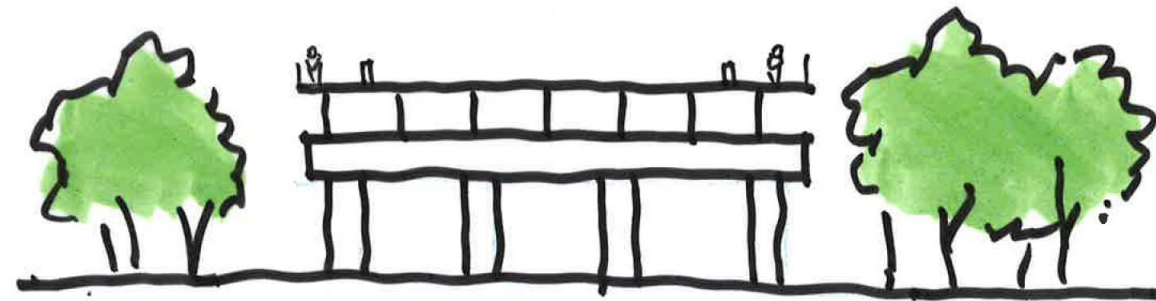


ROADWAY PULSE POINTS

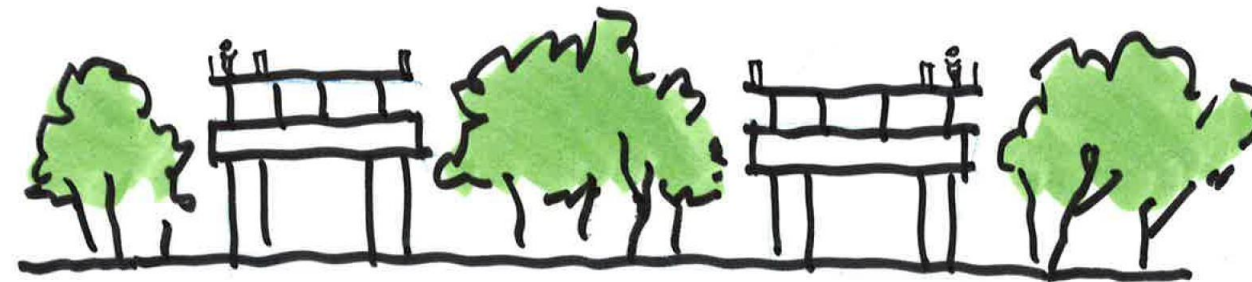
Theme: "Celebrating Nature"



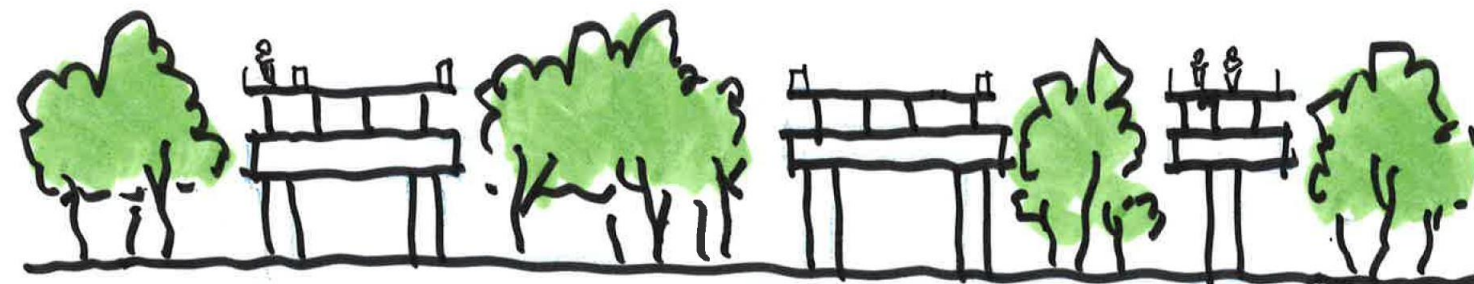
Views to Nature



Cost: 1.00x

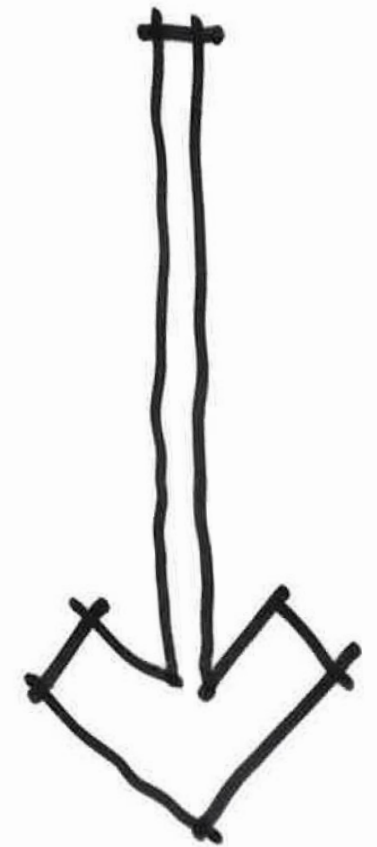


Cost: 1.10x

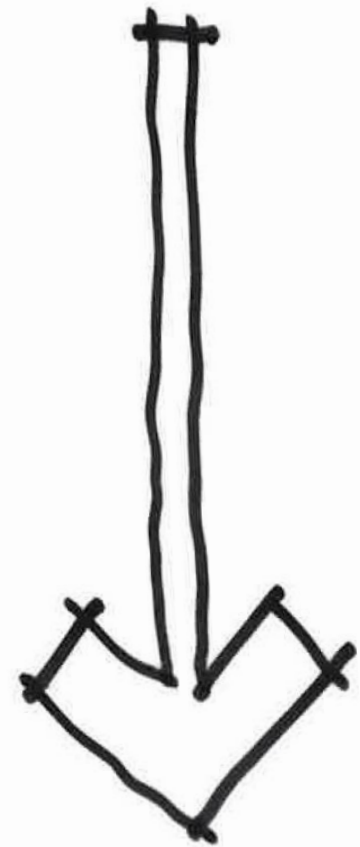


Cost: 1.25x

Ped – Auto Connected



Ped – Auto Separated

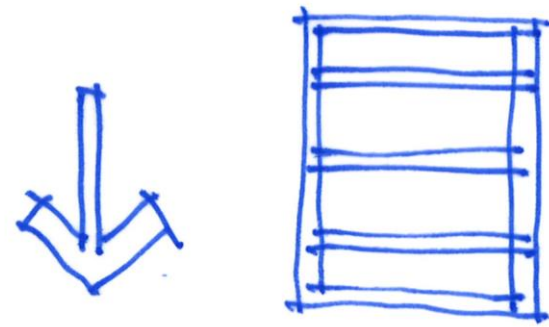


Immersed in Nature

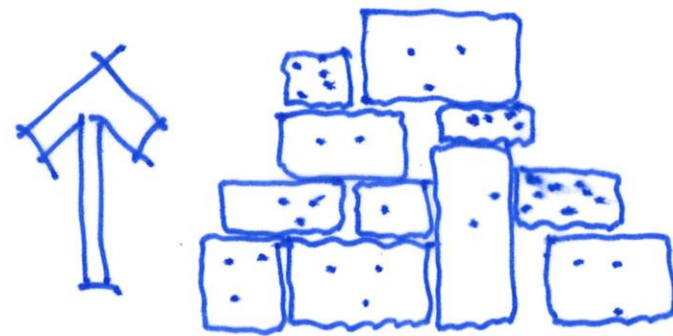
- 1. Horizontal and vertical geometry**
2. Superstructure type
- 3. Pier / support placement / span arrangement**
- 4. Abutment placement and height**
5. Superstructure shape
- 6. Pier shape**
7. Abutment shape
8. Color
- 9. Texture, ornamentation and landscaping**
10. Lighting, signing and details

Theme: "Combining Man-Made with Nature"

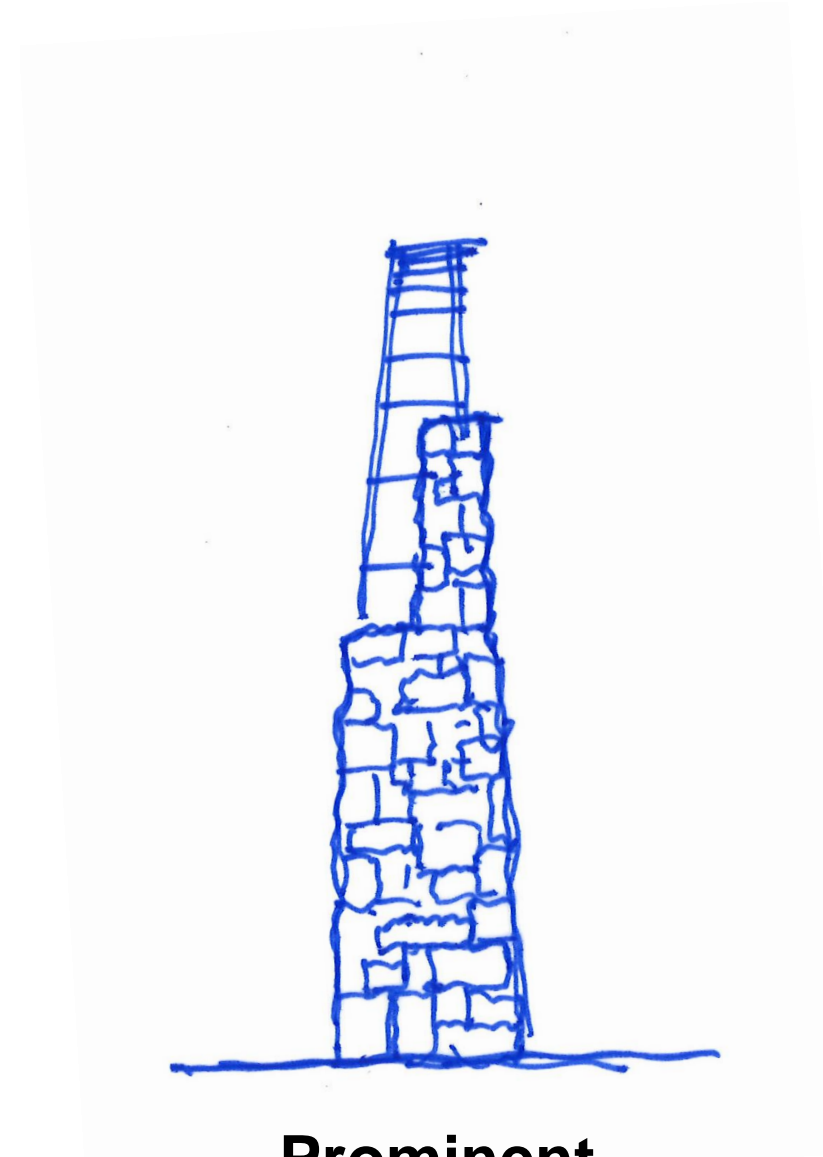
Metal – The Building Blocks of Man



=

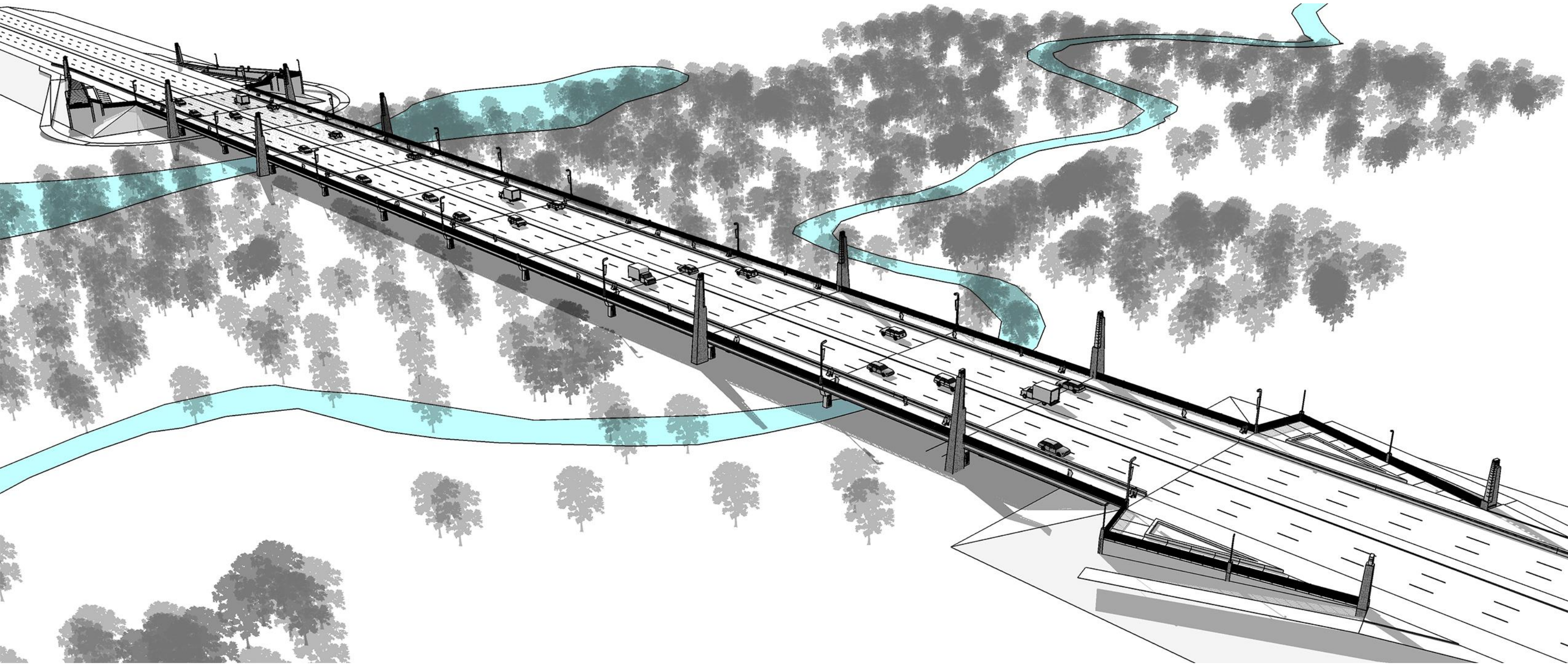


Stone - The Building Blocks of Nature

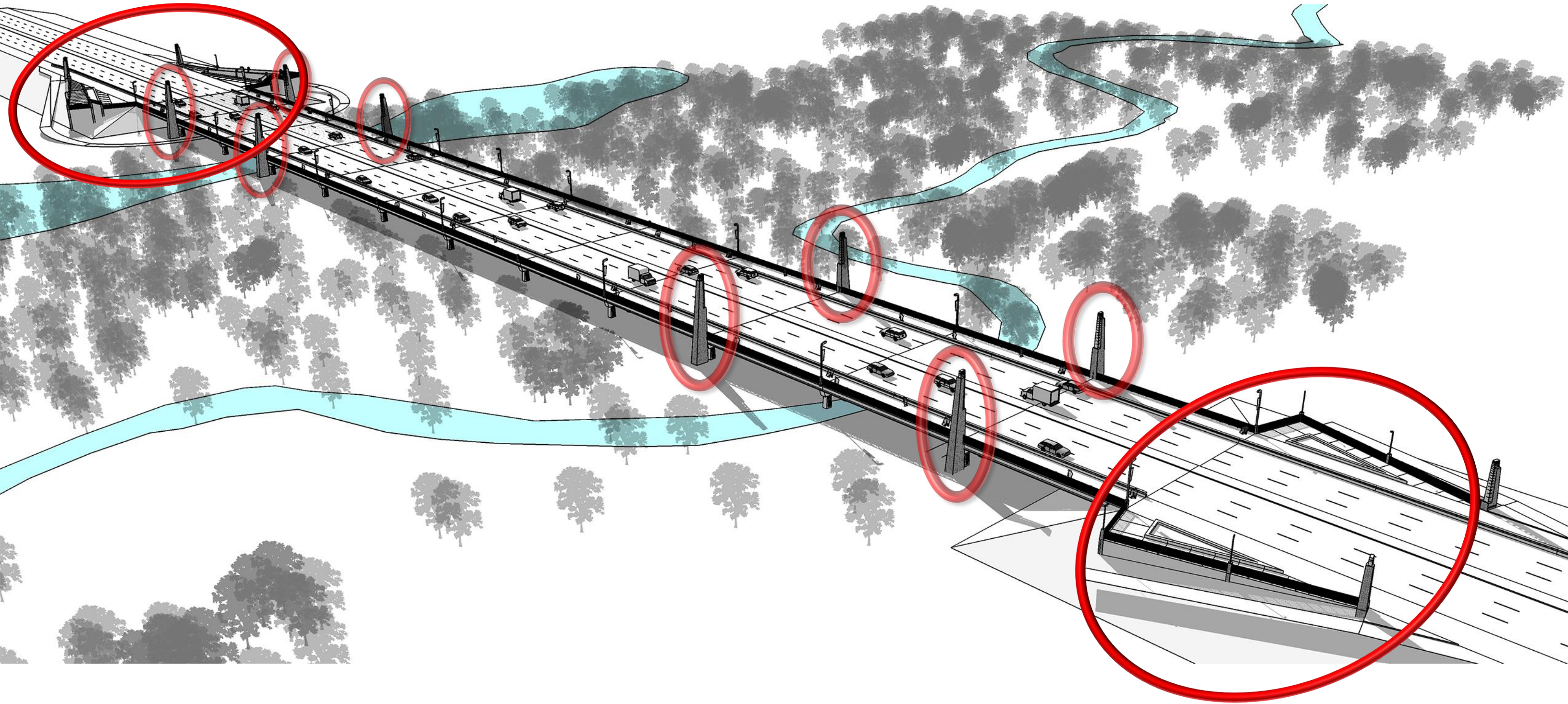


**Prominent
Gateway Columns**

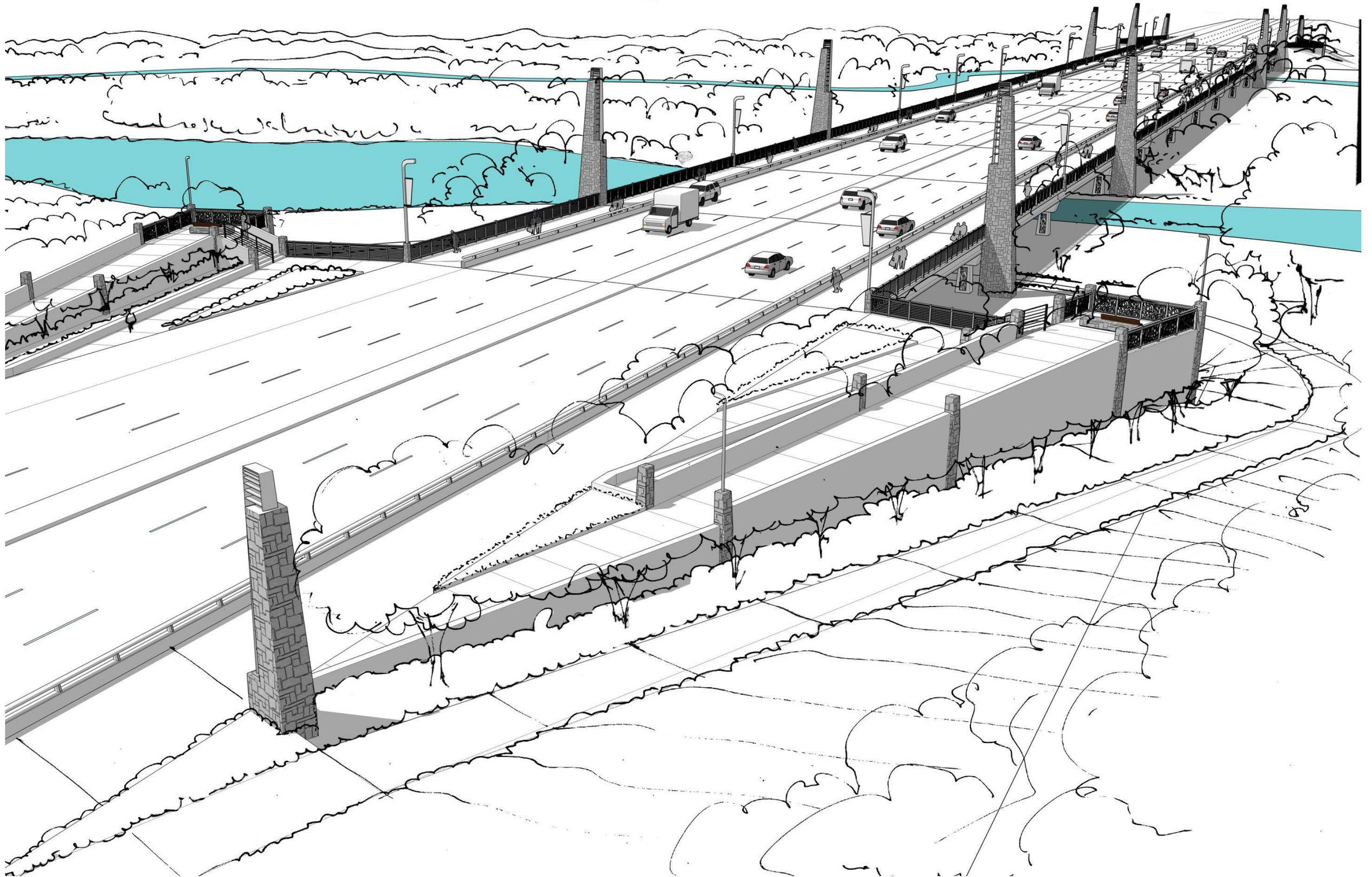
CONCEPT "A"

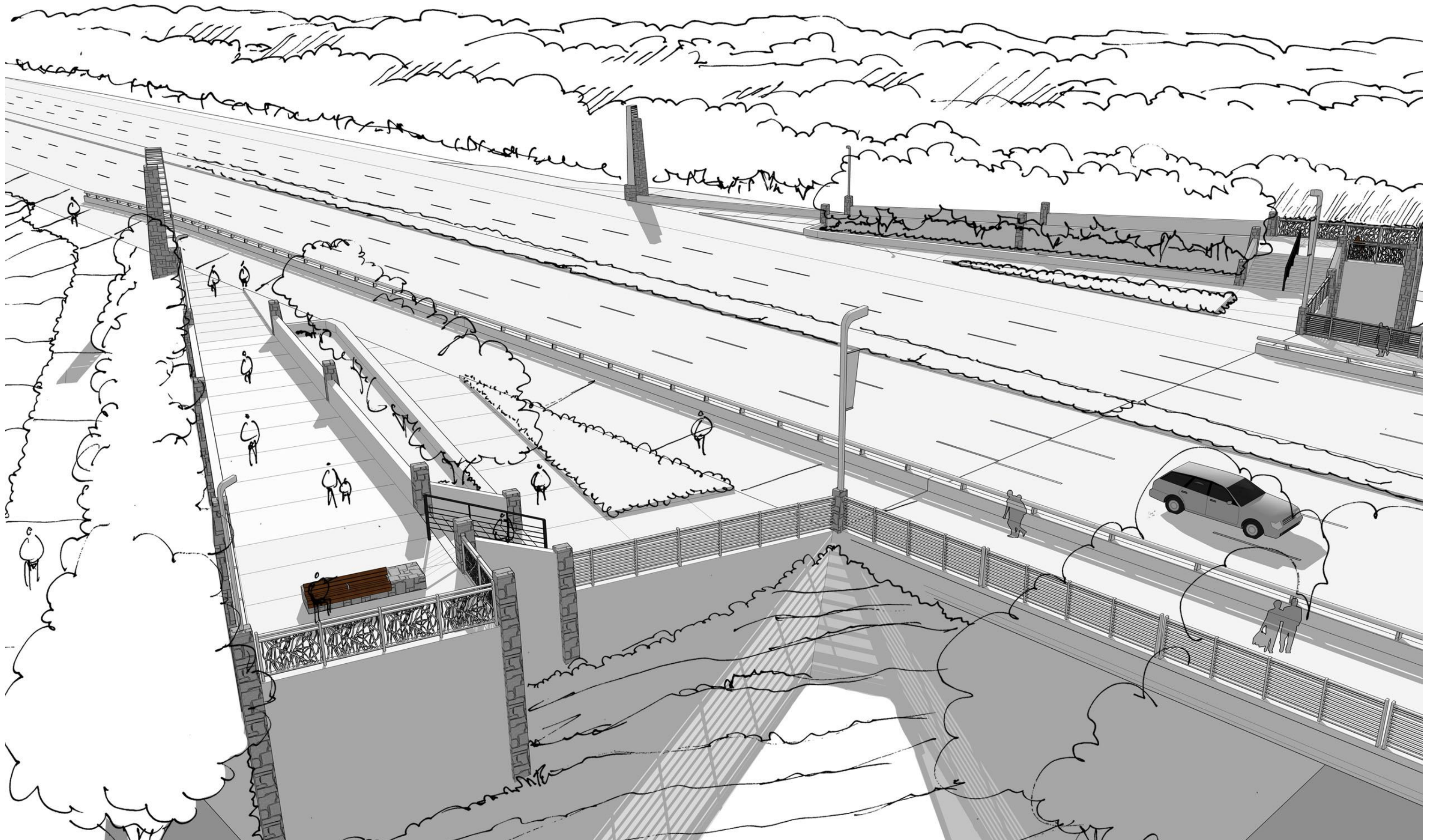


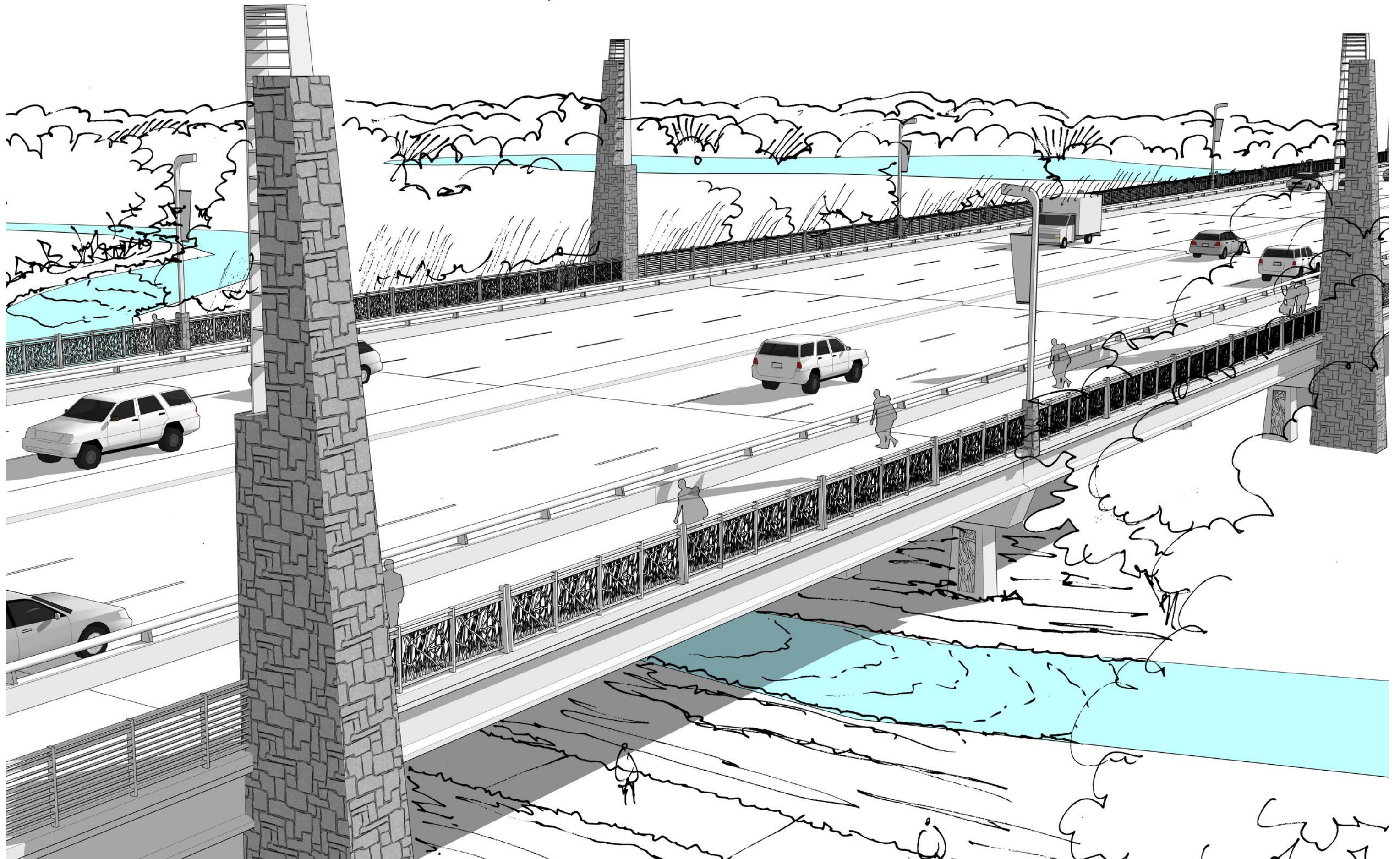
1. Monumentation
2. Overlooks



CONCEPT "A"

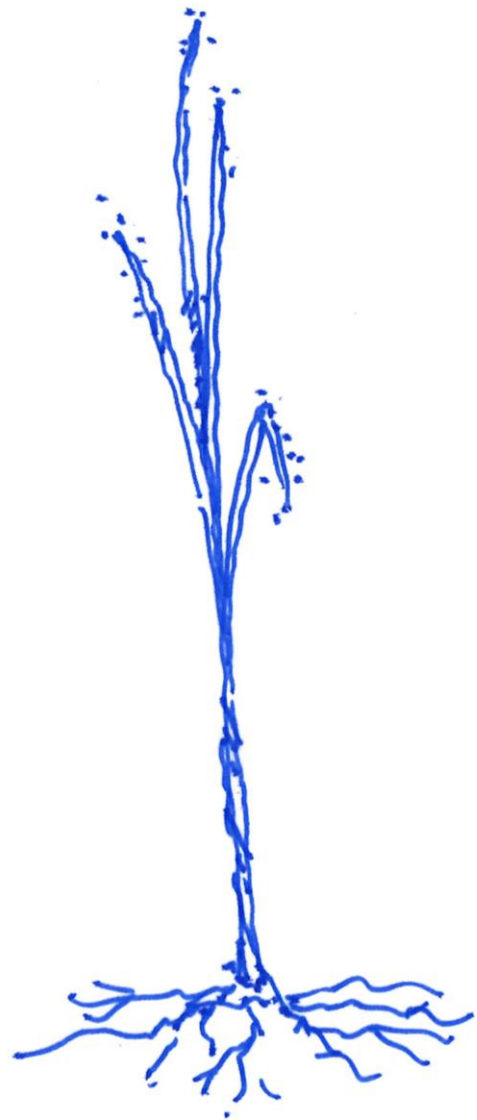




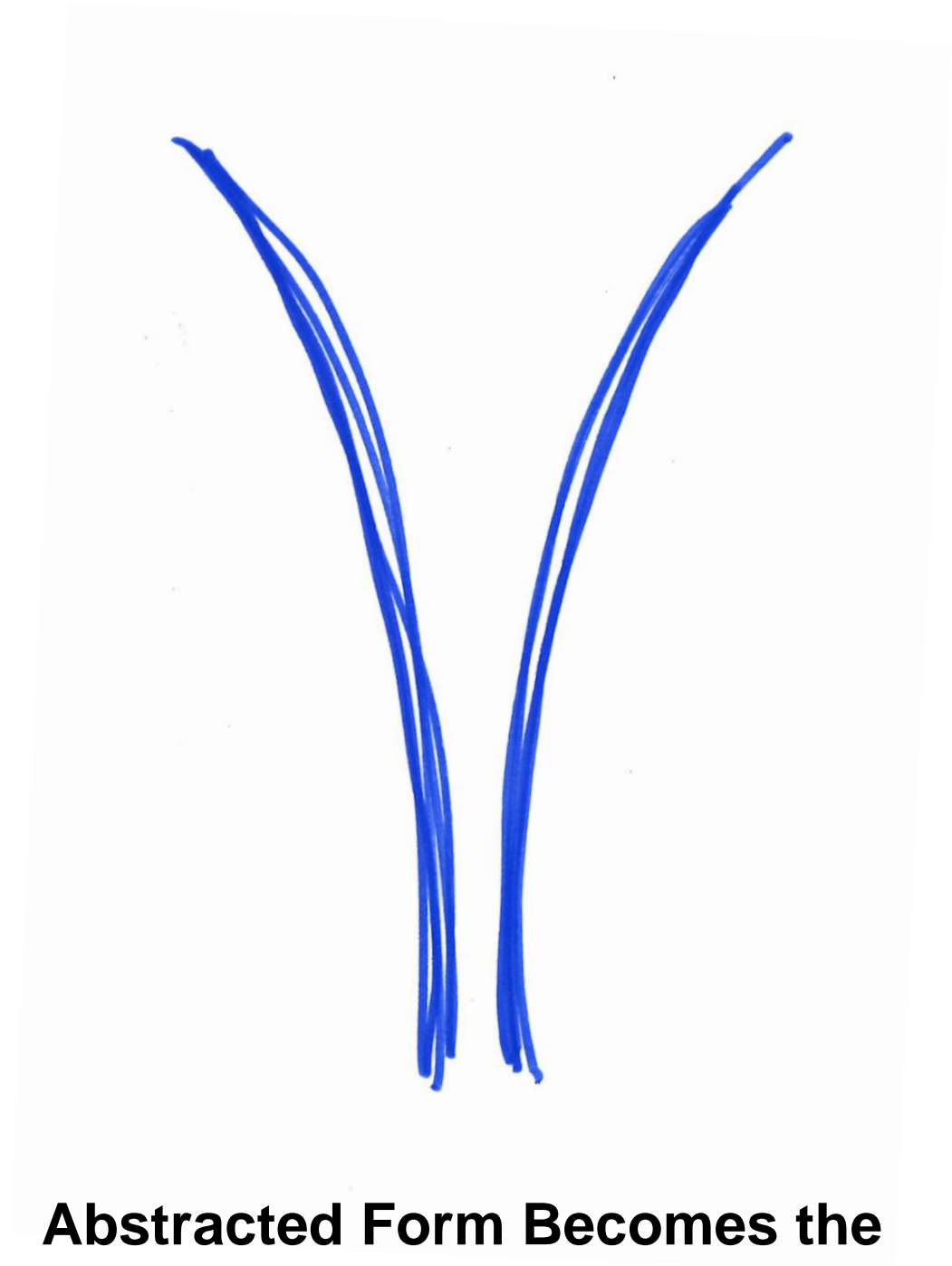
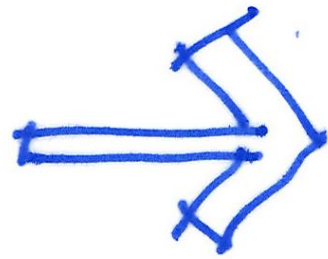




Theme: "Emerging from the Ground"

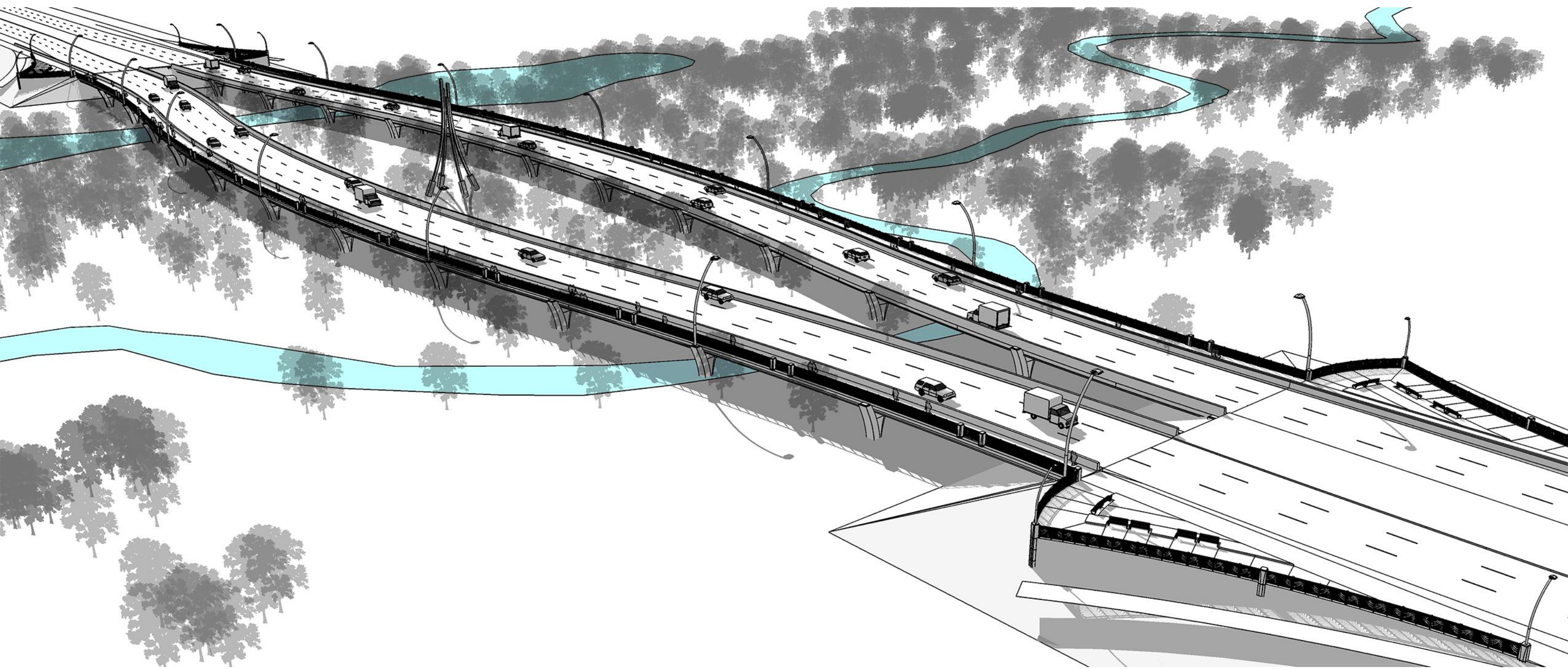


Single Blade of Native Grass

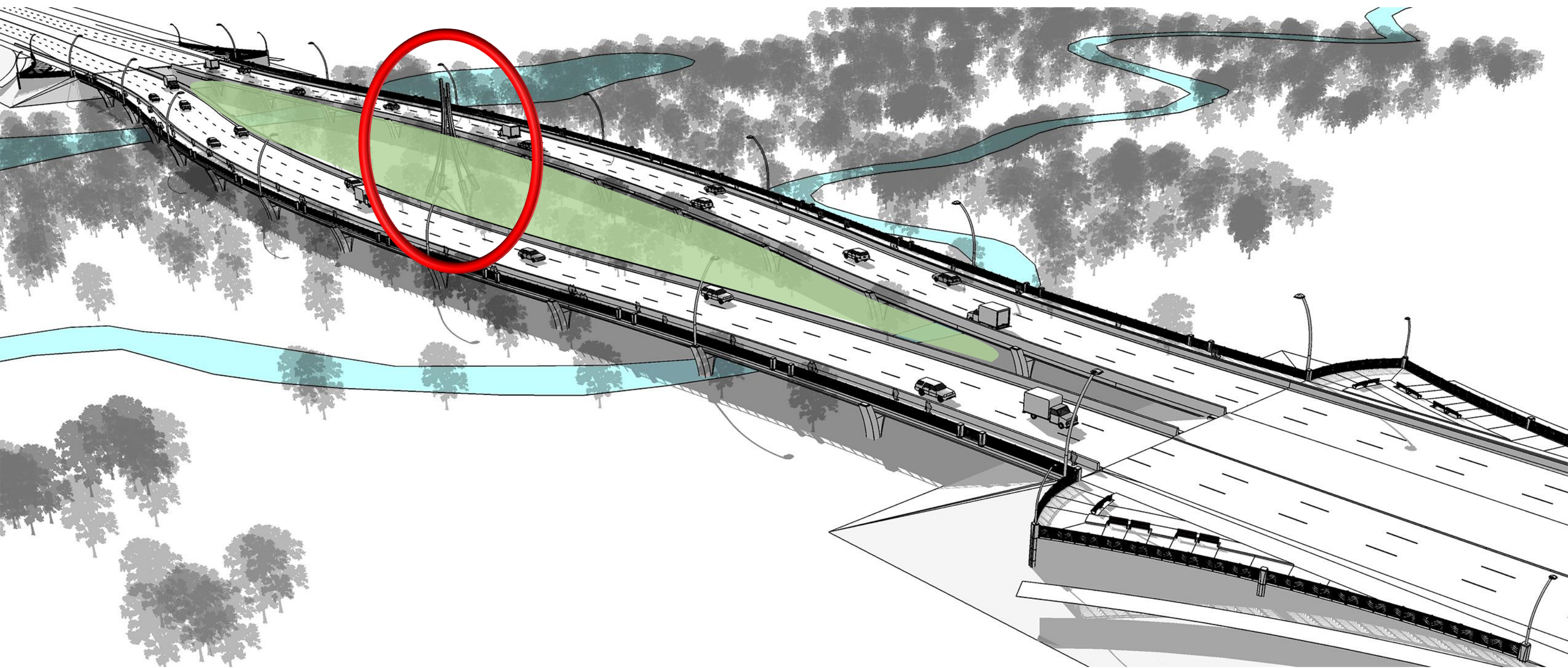


Abstracted Form Becomes the Bridge Structure

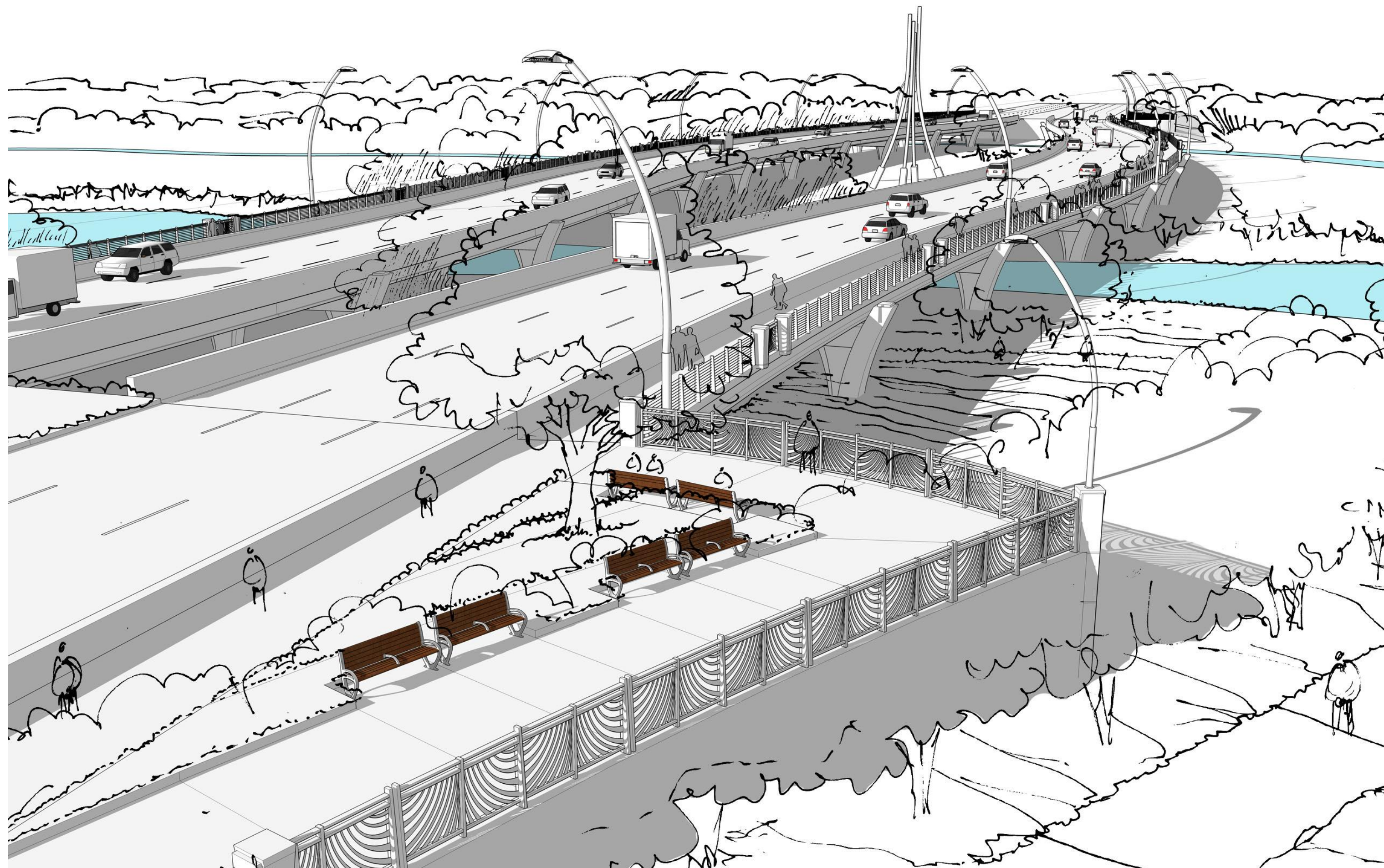
CONCEPT "B"



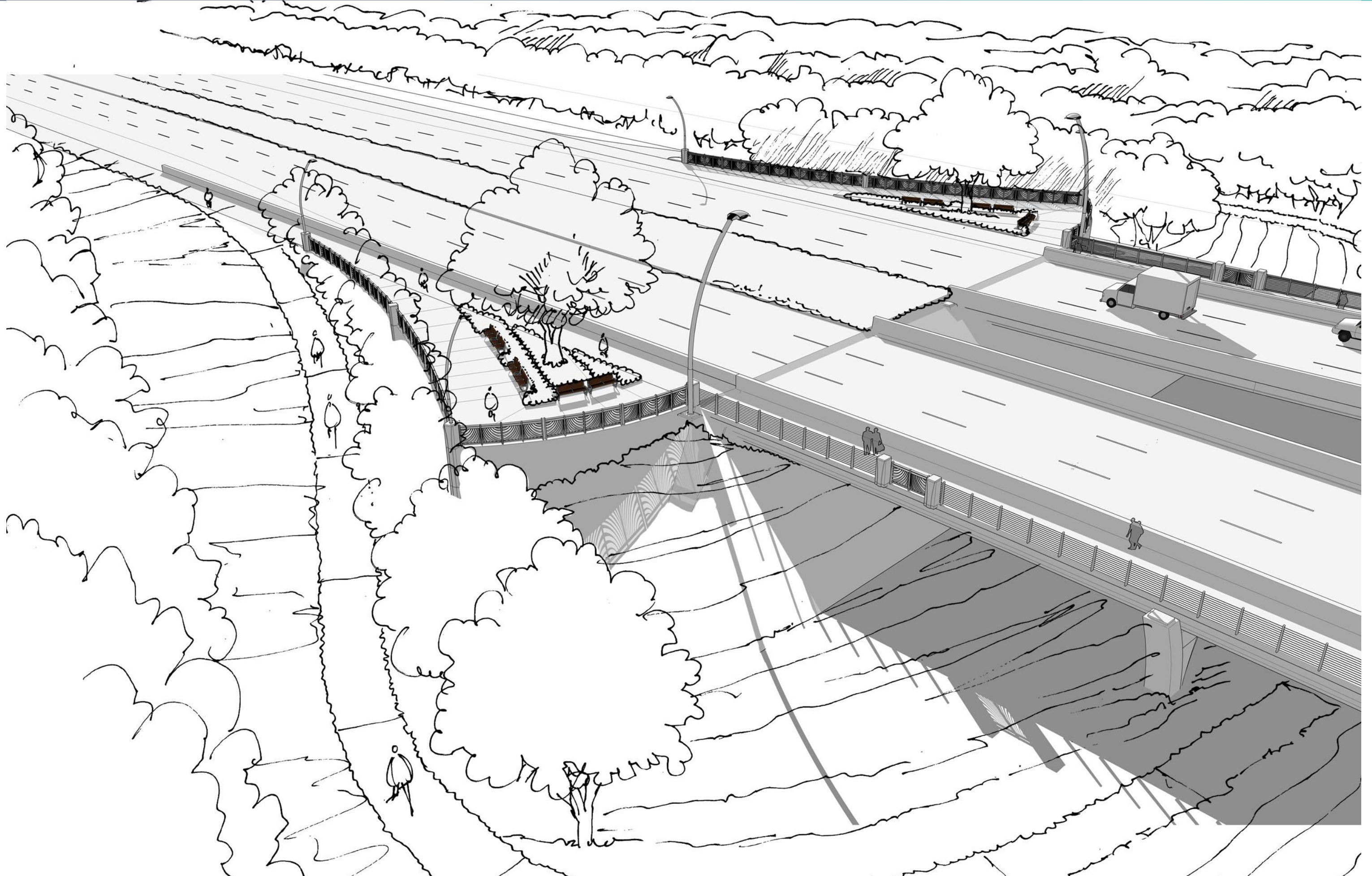
1. Split Bridge
2. Monumentation



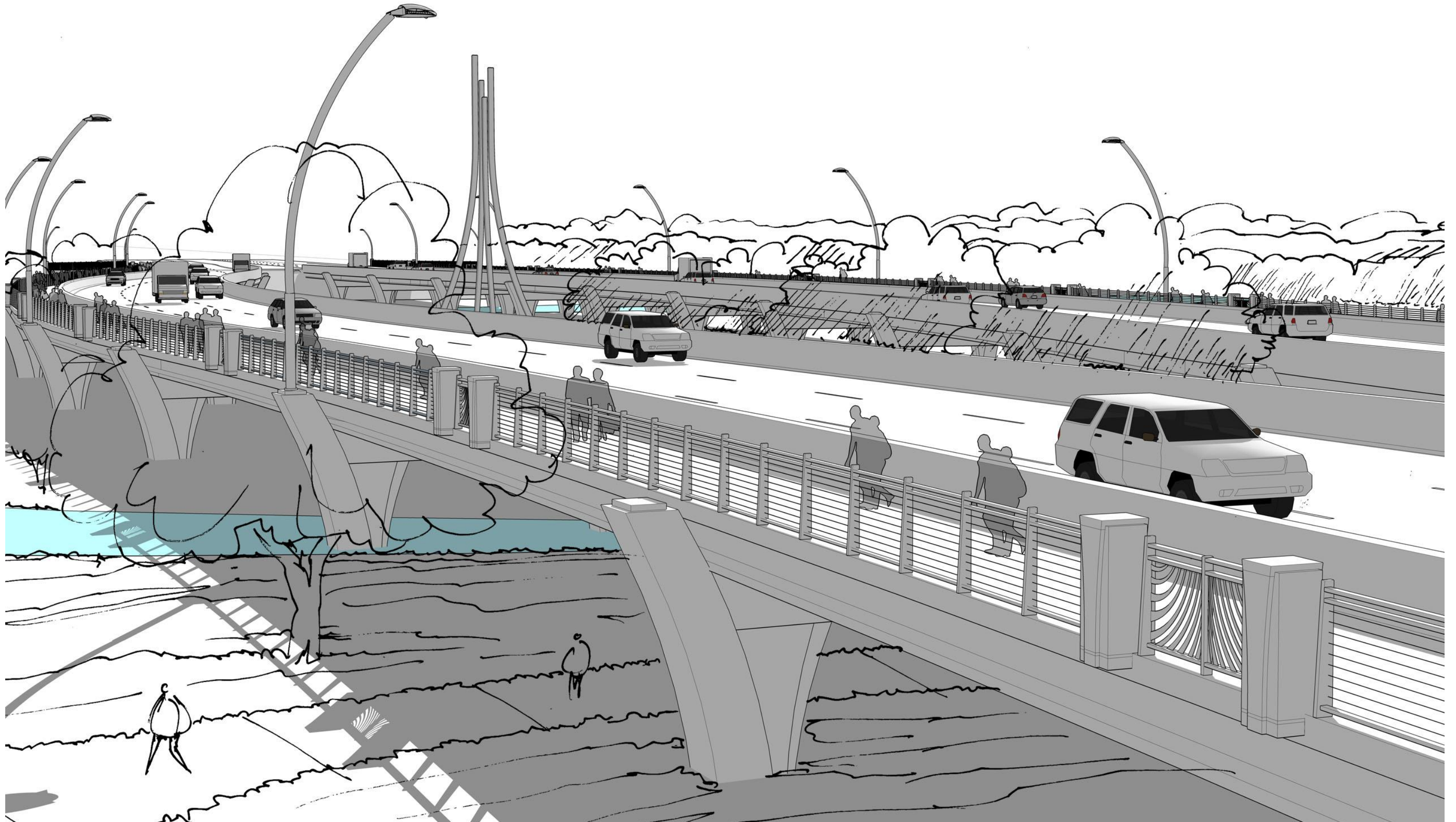
CONCEPT "B"



CONCEPT "B"



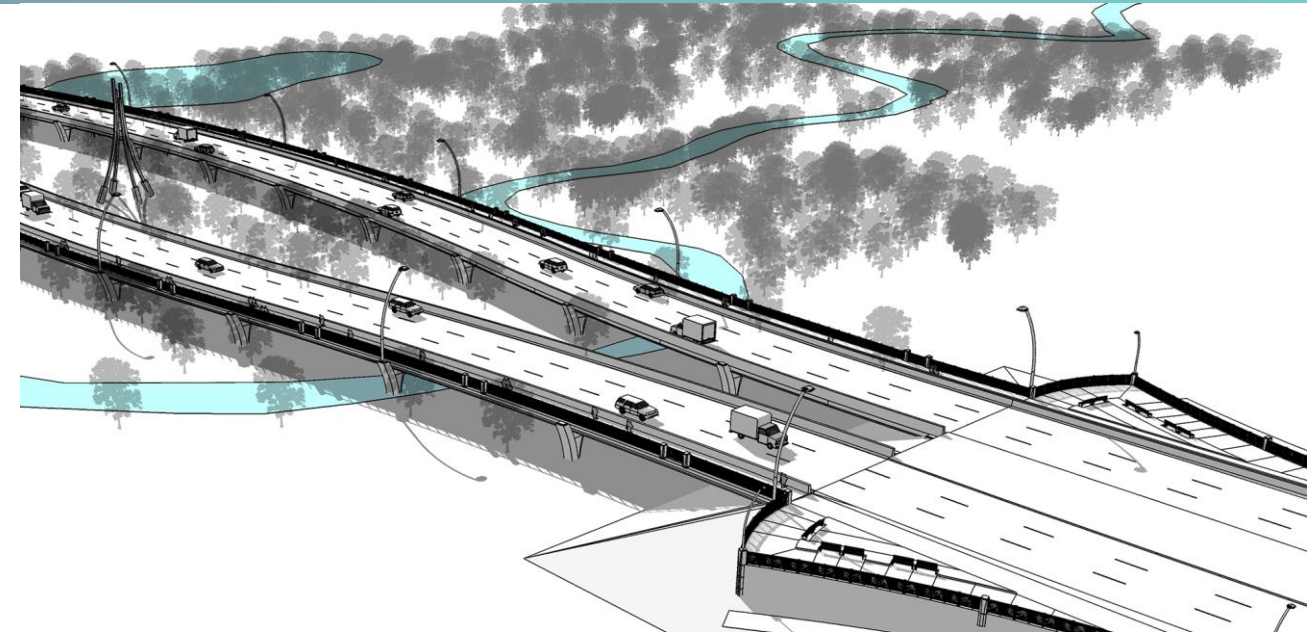
CONCEPT "B"



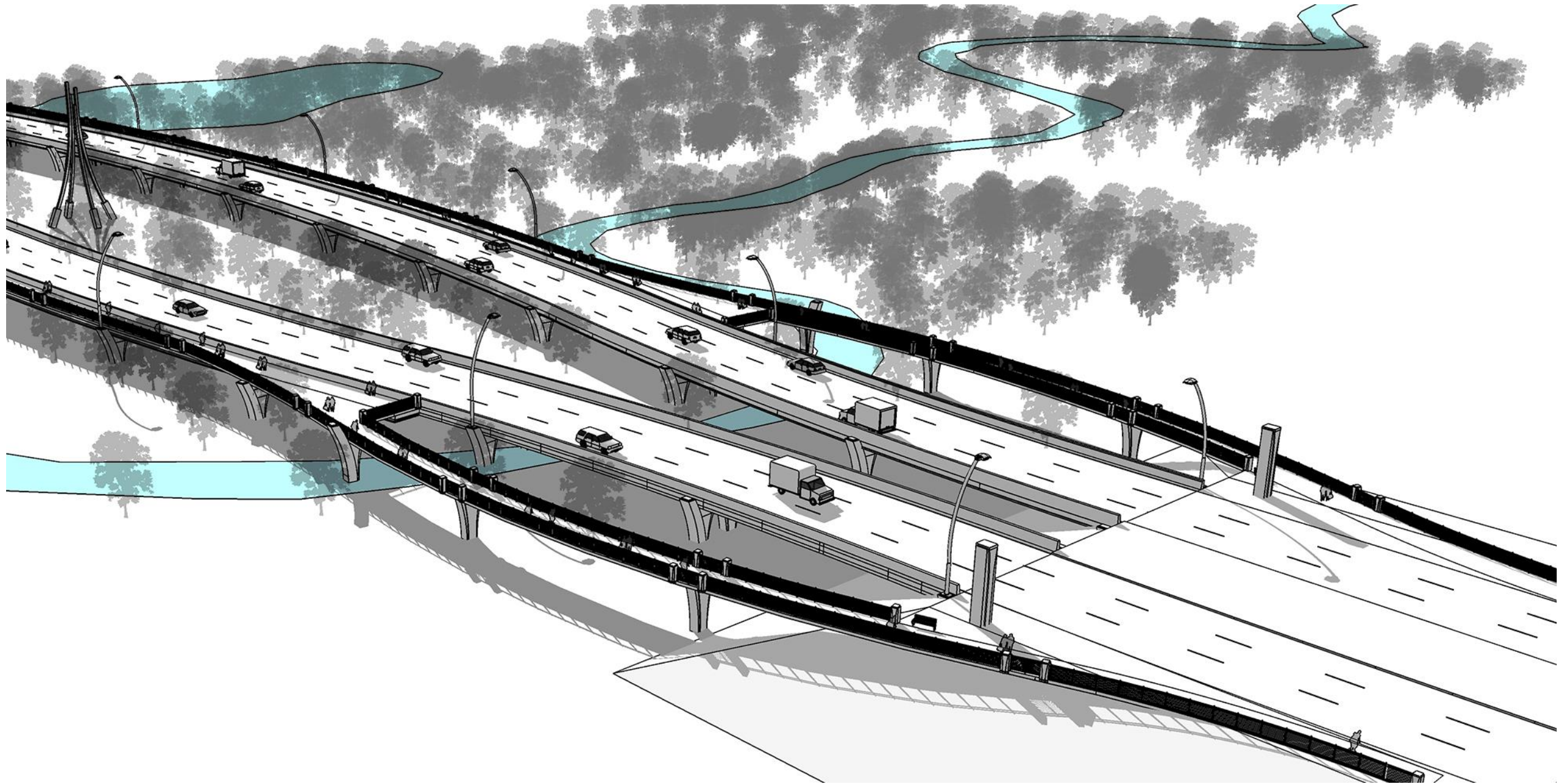
CONCEPT "B"

Modified Concept

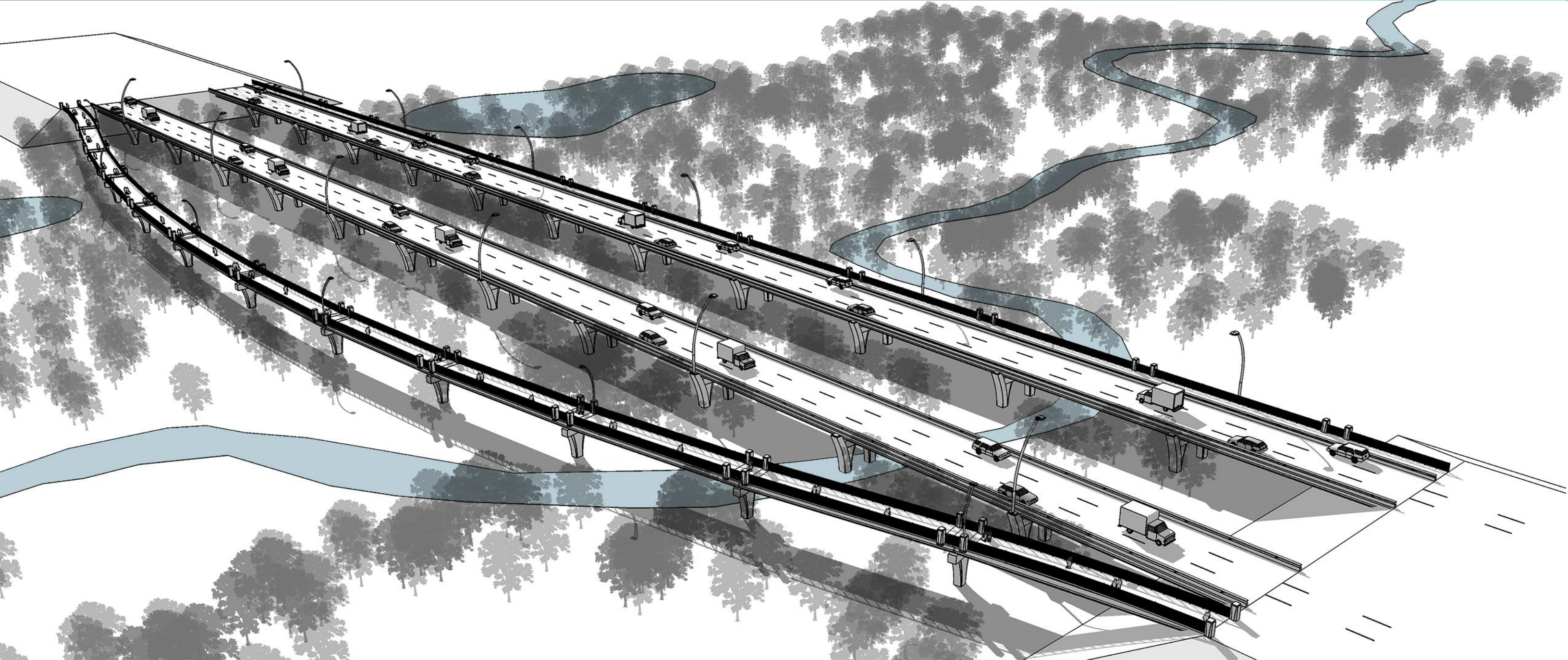
Current



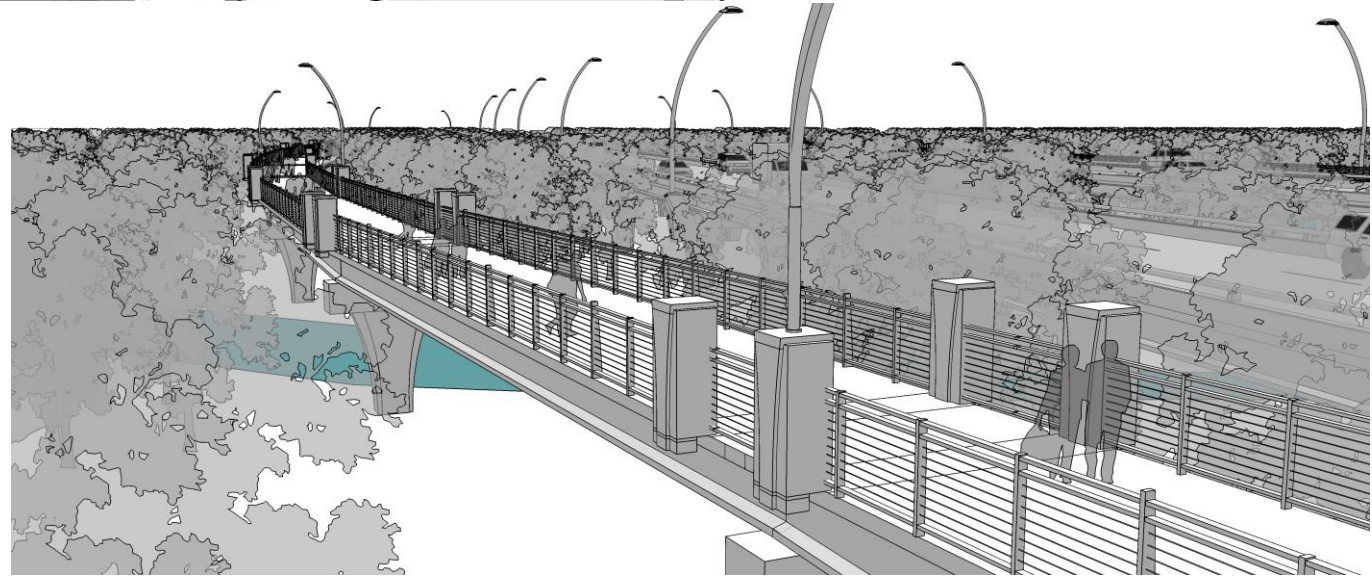
Modified



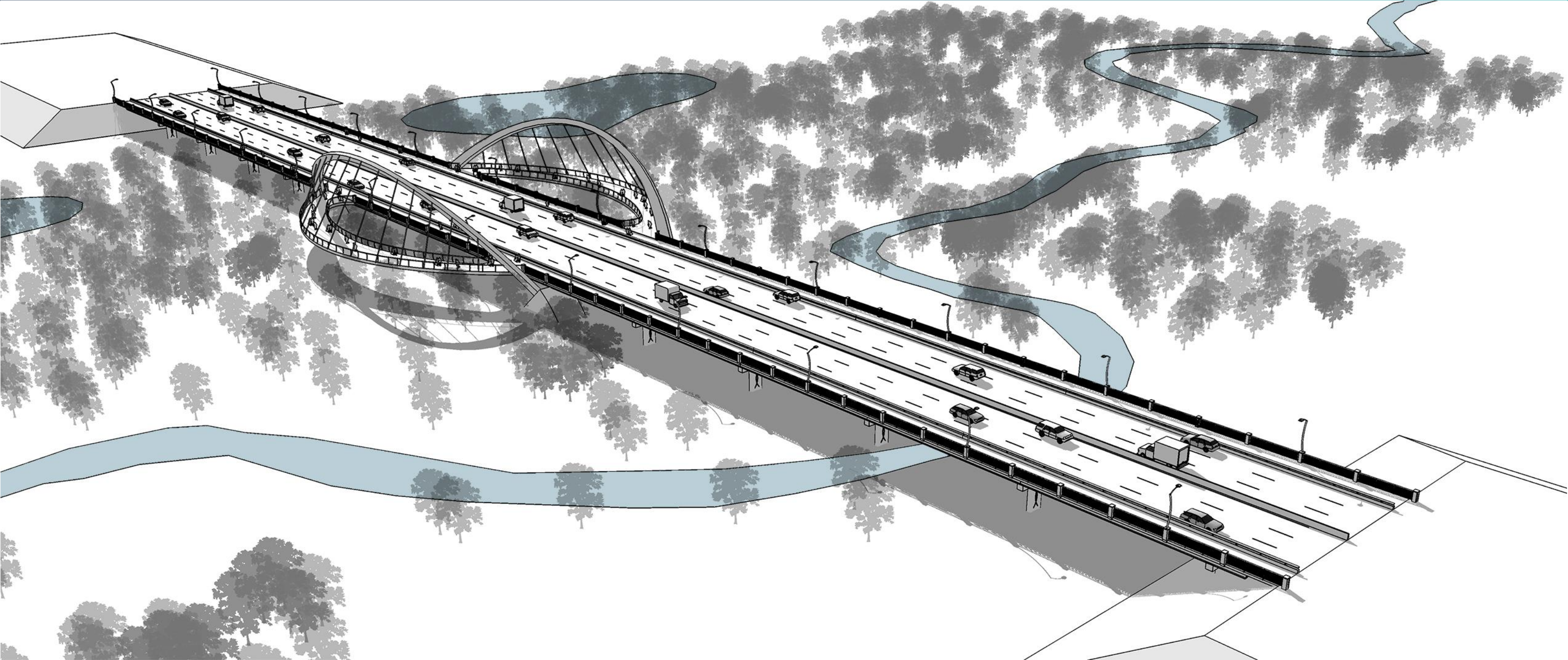
OTHER OPTIONS CONSIDERED



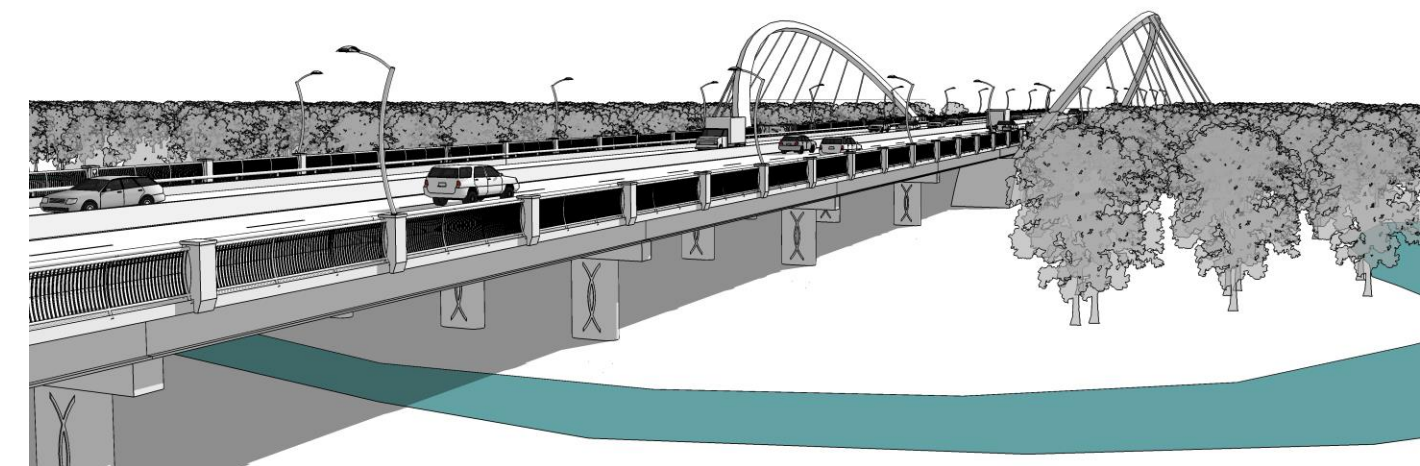
**Concept:
“Immersed in Nature”**



OTHER OPTIONS CONSIDERED



**Concept:
“Blending Natural
with the Built
Environment”**



Upcoming Milestones

- **Thursday March 31 – Public Meeting (Tentative)**
- **Follow-up Presentation to City Council in April**
- **Alignment Adoption in May**

Questions?