

Transportation Development District Overview



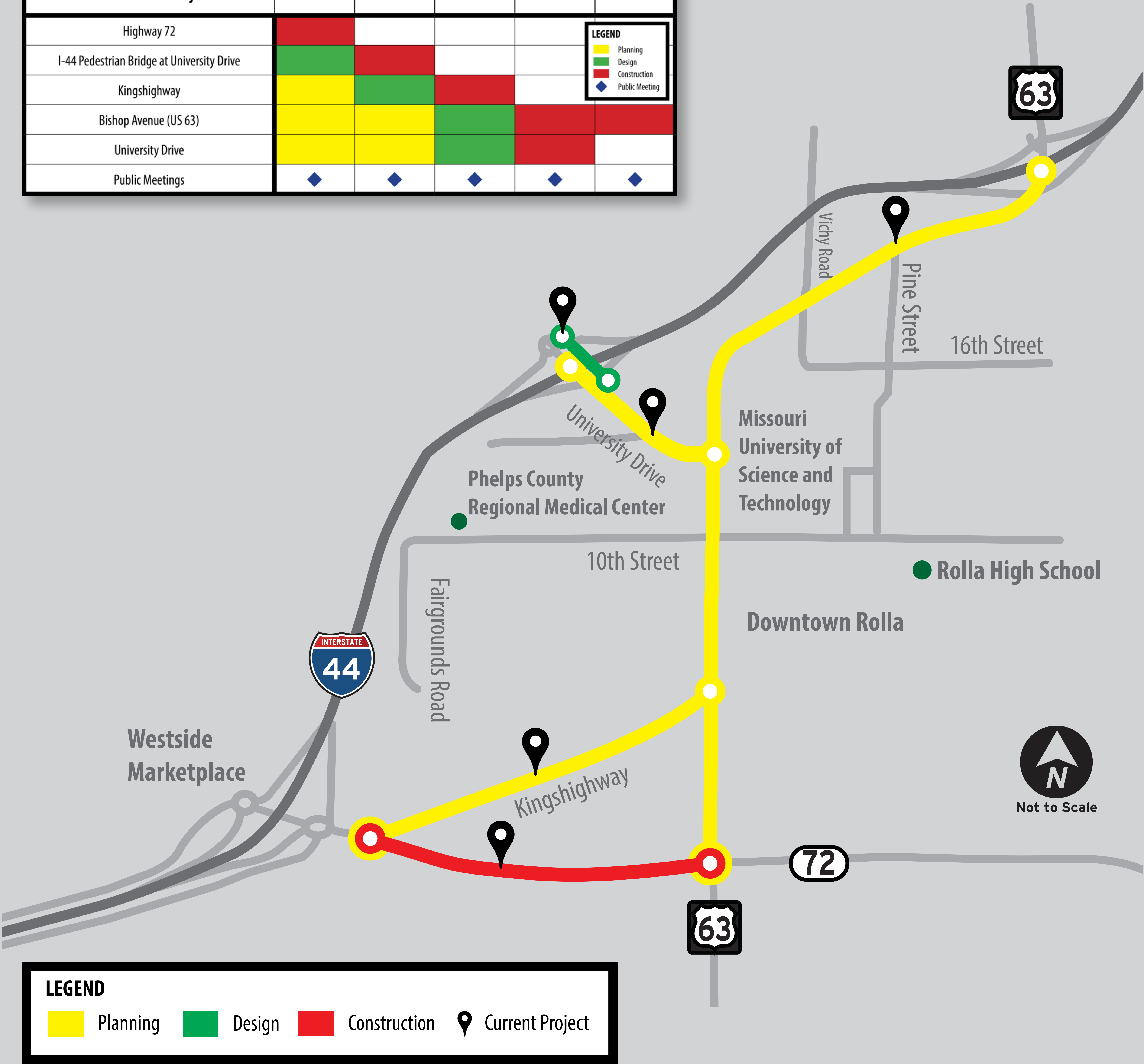
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Anticipated Rolla TDD Schedule

Move Rolla TDD Projects	2018	2019	2020	2021	2022
Highway 72					
I-44 Pedestrian Bridge at University Drive					
Kingshighway					
Bishop Avenue (US 63)					
University Drive					
Public Meetings					

LEGEND

- Planning
- Design
- Construction
- Public Meeting



Move Rolla TDD focuses on developing a transportation system to meet the needs of all people and promotes a safe, healthy and vibrant community for the next 20 years.

The Move Rolla Transportation Development District (TDD) Program is focused on implementing the projects identified in the Move Rolla Transportation Strategy (2015) and presented to voters in the Transportation Development District tax boundary that was approved by voters in January 2017. The goals include:

- Develop a safe and convenient transportation environment
- Promote alternative mobility choices
- Develop a transportation system that promotes economic opportunities
- Creates a sense of place

I-44 Pedestrian Bridge at University Avenue

To submit questions or comments, click [here](#)!



Purpose of the project:

Provide a new pedestrian crossing that meets standards for a multi-use facility that is safe, Americans with Disabilities Act (ADA) compliant and is aesthetically pleasing.

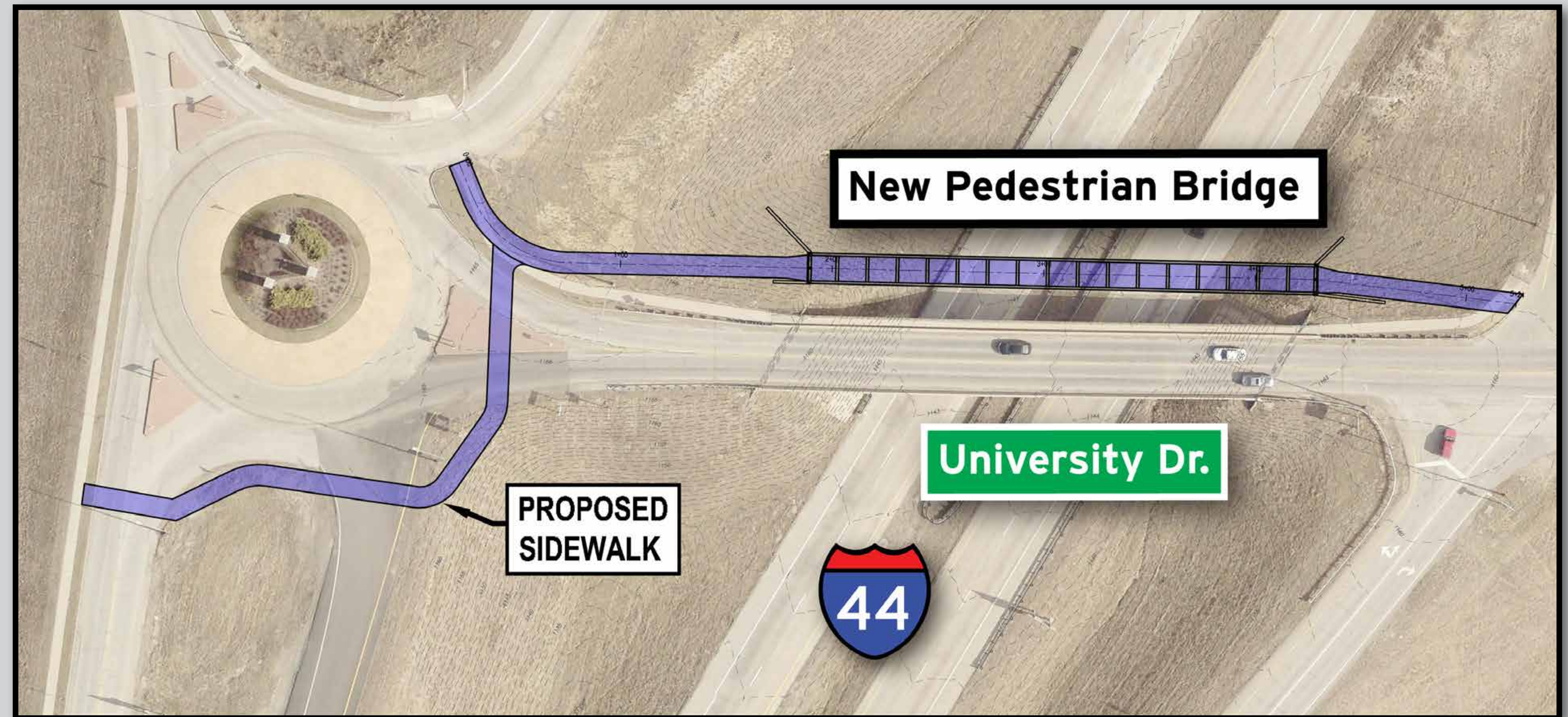
Schedule for project:

- Currently in Preliminary Design
- Preliminary Design Memorandum – June 2018
- Final Design - Tentatively in 2019

Benefits of project:

Provide a new and improved University Avenue pedestrian bridge connection over I-44 for students.

University Drive Bridge Concept Layout



The new pedestrian bridge will be located northeast of the University Drive Bridge and connected to existing sidewalks.



Above is a picture of the current condition of the University Drive bridge over I-44.



The pictures above represent examples of what the bridge may look like when complete.

Bishop Avenue - Typical Sections

To submit questions or comments, click [here](#)!



Purpose of the project:

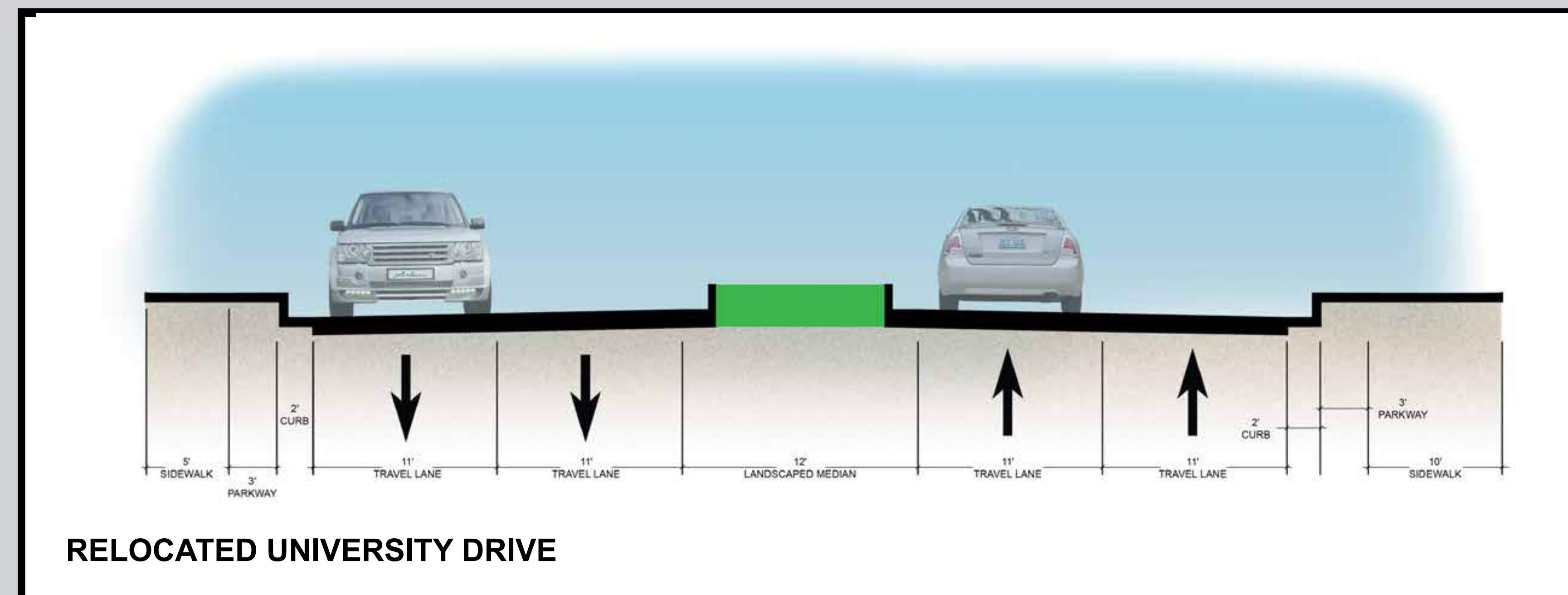
The Bishop Avenue (US 63) improvements that are part of the TDD would include key intersection improvements, pedestrian signal timing, signage and wayfinding, access management strategies and policies and aesthetic improvements. This is the first phase of an ultimate plan to transform Bishop Avenue back to a main street for the community.

Schedule for project:

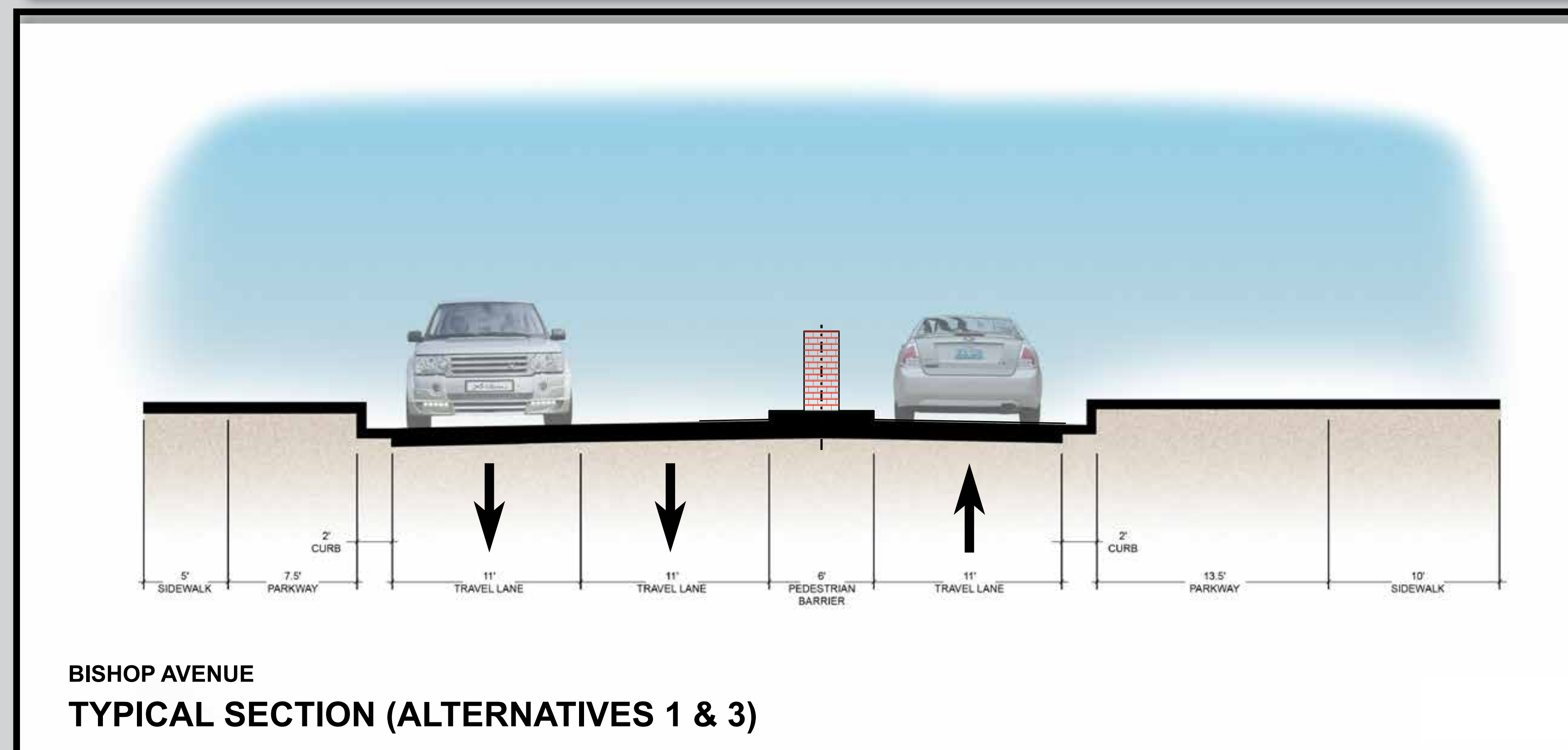
- Currently in Planning Phase 2018-2019

Benefits of project:

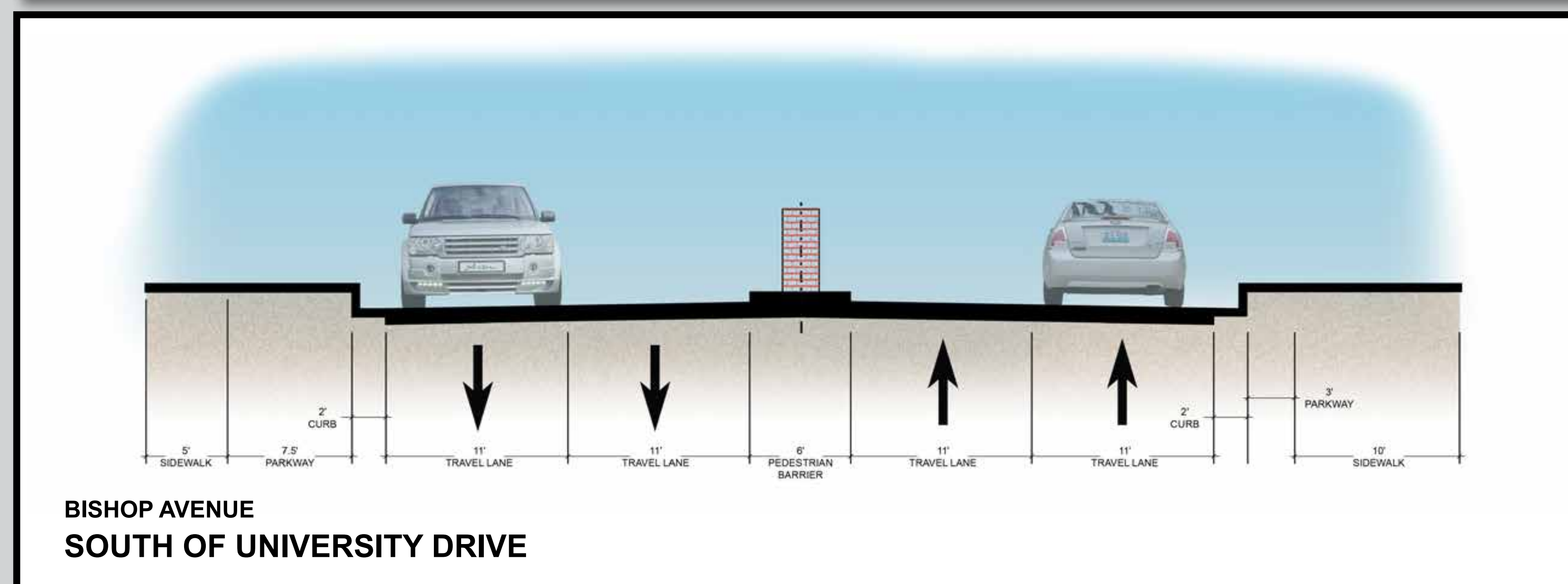
Improvements are intended to transform the corridor from a highway to a "Main Street" character, reduce visual clutter, and calm traffic by slowing vehicle speeds, reducing conflicts and improving the pedestrian and bicycle environment. Complete street improvements may include a road diet through the reduction of a travel lane leaving one lane in each direction and a center turn lane with segments of median treatments where practical. The vacated lane could be repurposed to a separated bicycle lane and sidewalk. Other improvements will include improved crosswalks, access management improvements, gateways and aesthetic treatments. These improvements are consistent with the vision of the 2017 Missouri S&T Campus Master Plan.



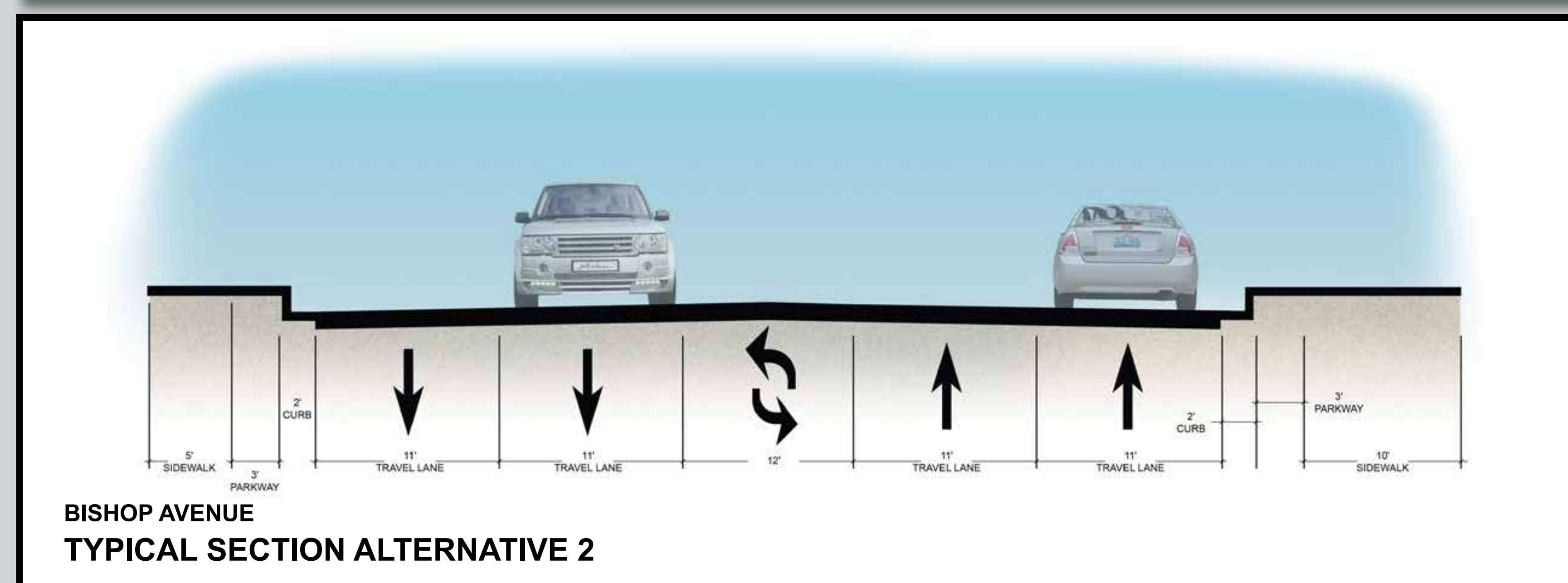
RELOCATED UNIVERSITY DRIVE



BISHOP AVENUE
TYPICAL SECTION (ALTERNATIVES 1 & 3)



BISHOP AVENUE
SOUTH OF UNIVERSITY DRIVE



BISHOP AVENUE
TYPICAL SECTION ALTERNATIVE 2

Bishop Avenue - Alternatives

To submit questions or comments, click [here](#)!

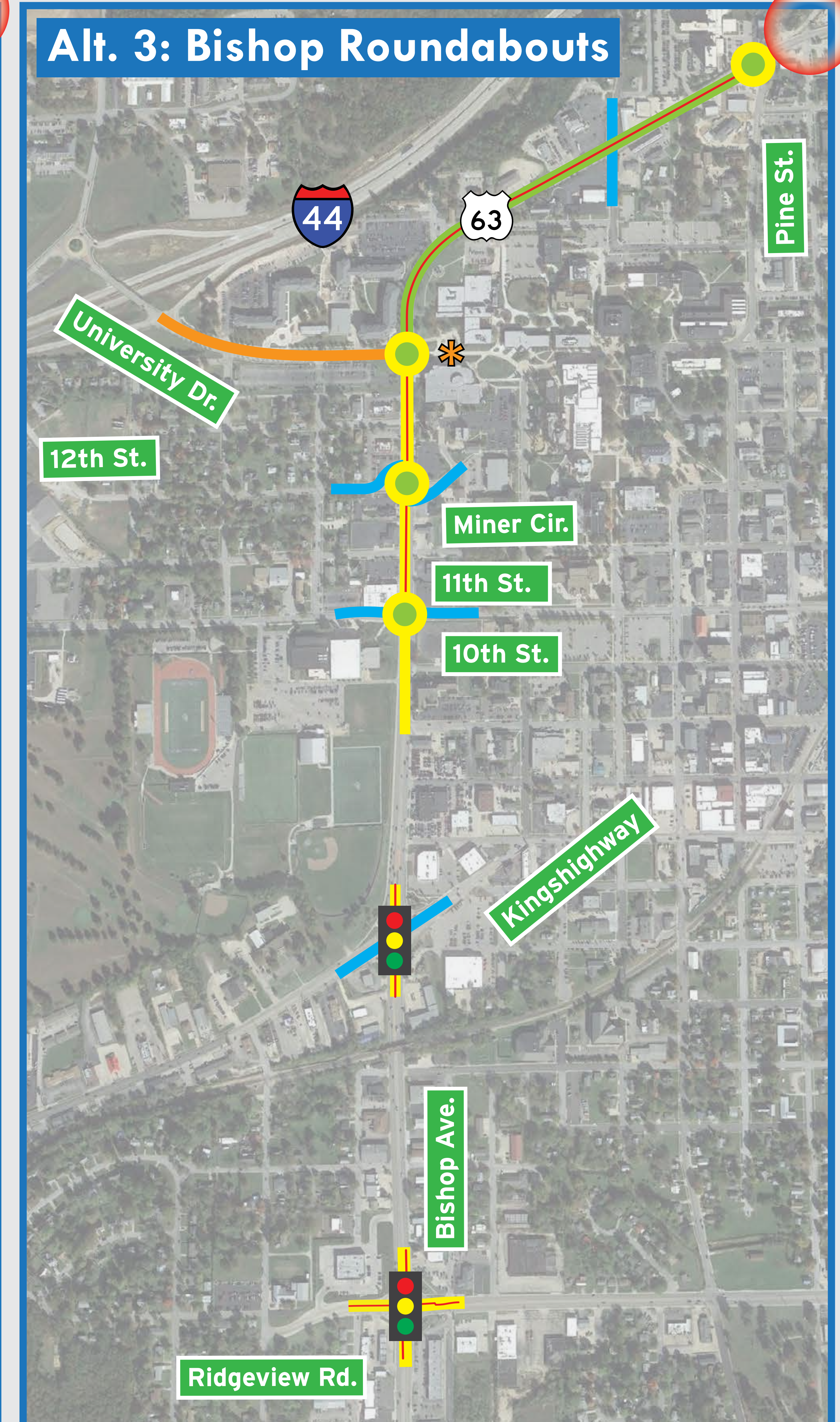
Alt. 1: 12th Street Roundabout



Alt. 2: 12th Street Signal



Alt. 3: Bishop Roundabouts



Legend

Yellow line: Road Improvement

Blue line: 2-Lane
Green line: 3-Lane
Orange line: 4-Lane
Yellow line: 5-Lane

Red line: Median

Yellow circle: Roundabout

Signal icon: Signal Intersection Improvements

Red circle: I-44 and US 63 Interchange Improvements

Star icon: Signal Removed at Old University Dr.

Highway 72 Extension

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MoveRolla
TRANSPORTATION DEVELOPMENT DISTRICT



Construction photos of the new Highway 72 Extension.

Purpose of the project:

Provide an alternative route to relieve traffic on Kingshighway and US 63 by extending four-lanes of Highway 72/Ridgeview Rd between US 63 and I-44.

Schedule for project:

- Construction has started and new road will be open to the traffic by the end of 2018.

Benefits of project:

Provide congestion relief along US 63 (Bishop Ave) and Kingshighway by providing a bypass for through traffic. The project is expected to improve mobility and safety city-wide.

Kingshighway

To submit questions or comments, click [here](#)!



Purpose of the project:

The first step is to develop an Access Management Plan of Kingshighway from Highway 72 to US 63 (Bishop Ave.) to improve mobility and safety for pedestrians and motorists. The Plan will also identify other Kingshighway improvements including aesthetics, utilities and sidewalks.

Schedule for project:

- Kick off – January 2018. The Plan is expected to be completed by Summer 2018.
- Public Meeting – Summer 2018. (You are Here)

Benefits of project:

Kingshighway has heavy volumes of traffic and safety problems. This project helps traffic flow and improve safety, not only for drivers but also pedestrians. This project will improve traffic on Kingshighway from Highway 72 to US 63 (Bishop Ave.) as well as improve sidewalk and multi-use paths. Updates to the aesthetics such as improve lighting and landscape will also be investigated.

Aesthetic improvements would enhance the corridor.

Before Improvements



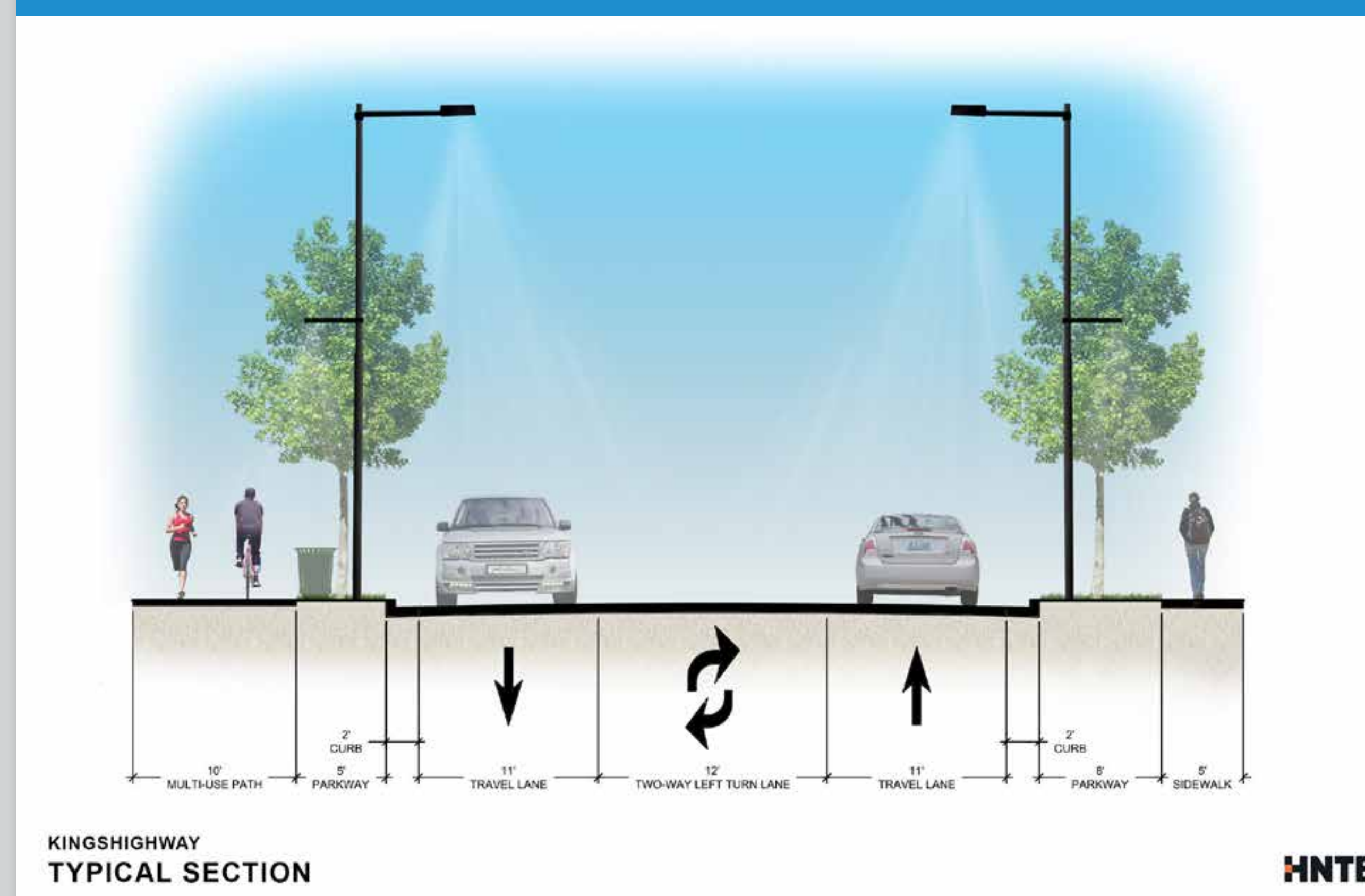
The above photo is a current street picture of Kingshighway.

After Improvements



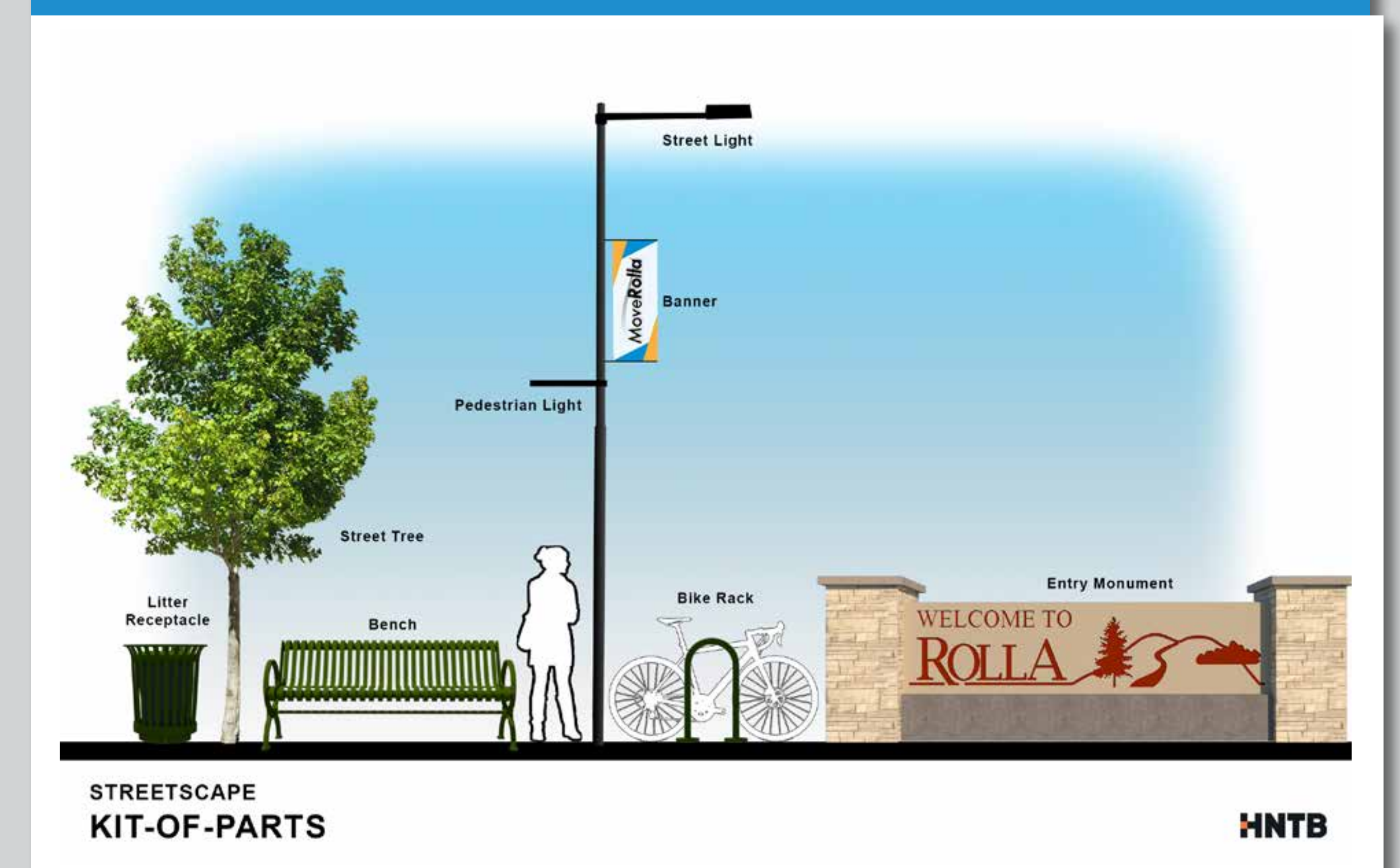
This photo is an example of how Kingshighway could look with wider sidewalks, new light posts, relocated utility lines and condensed driveways.

Typical Section



Above is a view from the road with one lane in each direction and a two-way left turn lane in the middle.

Kit of Parts

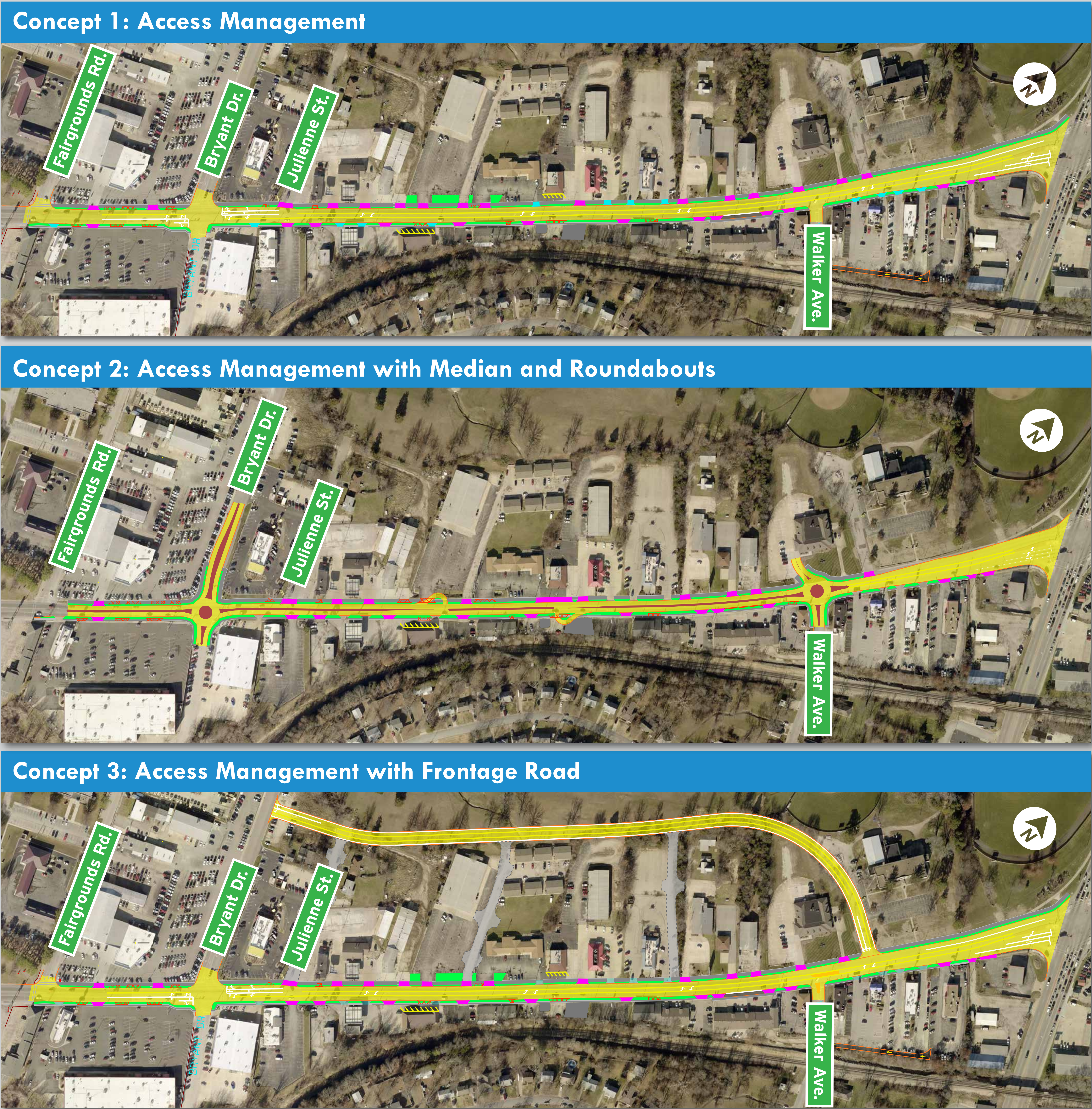


The kit of parts illustrates the family of site elements to be incorporated in the corridor.

Kingshighway Alternatives

Legend

- Two-way driveway
- One-way driveway
- New pavement
- Removal of driveway
- 10' Multi-use path on Northside
5' standard sidewalk on Southside
- Grass



Kingshighway Safety

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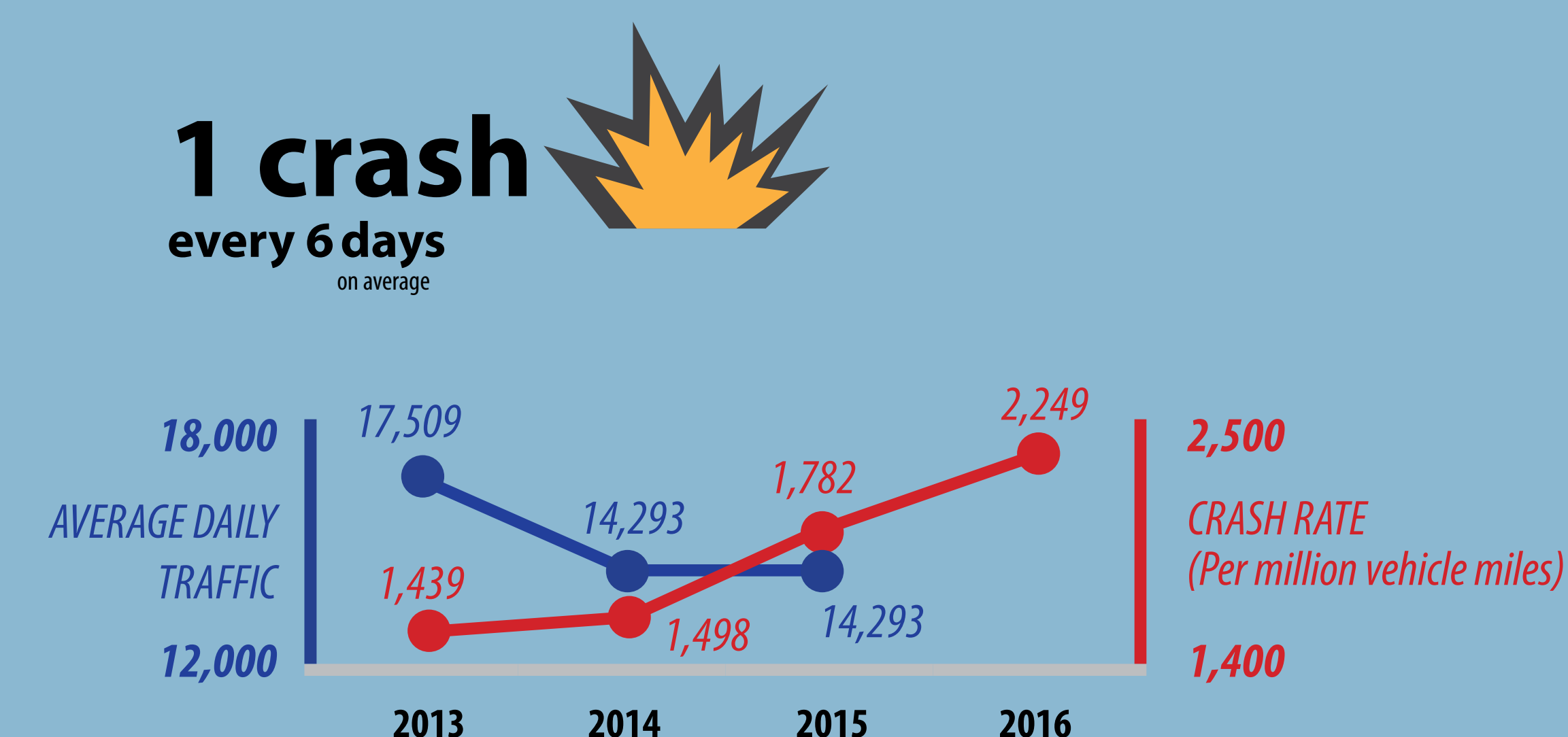
Pavement along the corridor shows its age. The project will include regrading and repaving along the corridor.

Safety

The number of driveways and the amount of traffic influence the number of crashes occurring on the corridor. Between 2013-2016 there have been:

234 vehicle crashes
that Average, **59 crashes**
per year

or



Crash rate increased **56%** from 2013 to 2016 while the crash rate has increased, traffic volumes have decreased **18%**