



# Loop 360 Program Update

Lucas Short, P.E.

Loop 360 Program Manager



- Loop 360 Program Overview
- Westlake Drive/Cedar Street Construction Overview
- Courtyard Drive/RM 2222
  - Need for Improvements
  - Project Process and Timeline
  - Project Overview (and look at specific elements)
  - Anticipated Construction Phasing
  - January HOA discussion items follow-up
- Additional Loop 360 Projects
- Stay Informed
- Q&A



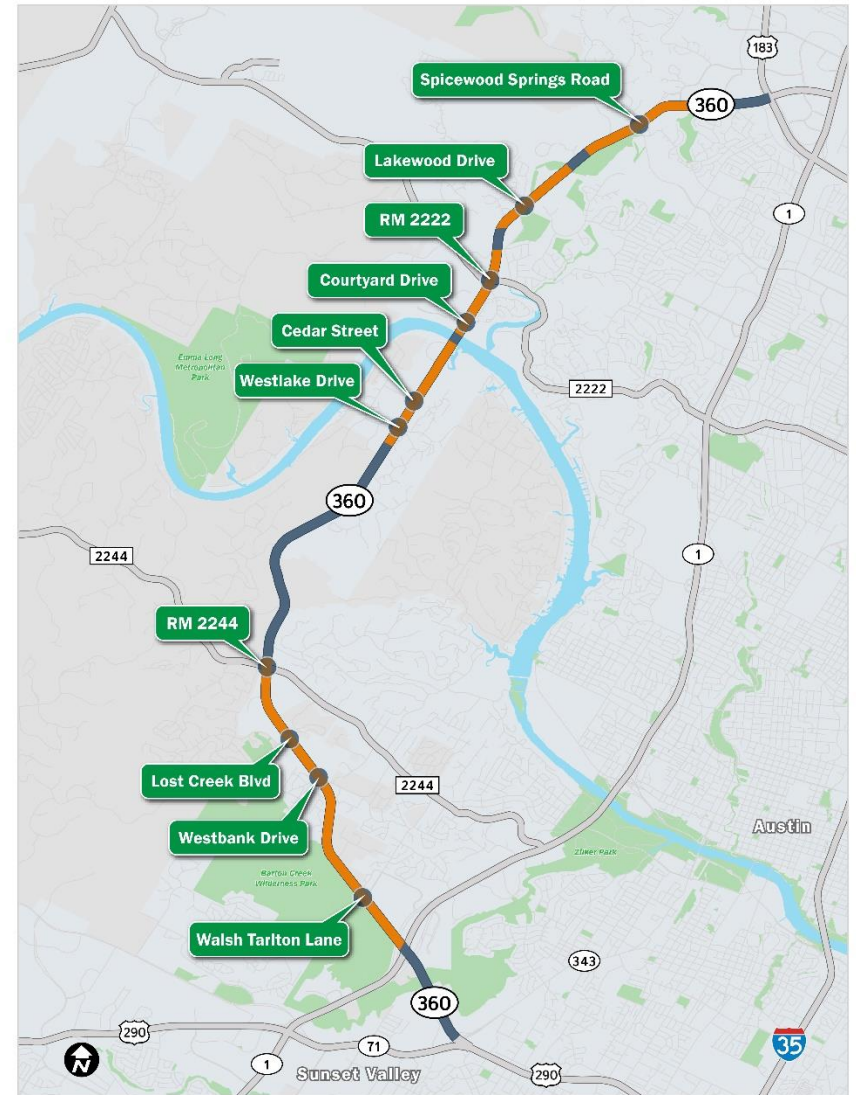
Program purpose: Upgrade multiple intersections to improve mobility and safety along the corridor.

- Eliminate at-grade crossings.
- Install over/underpasses at major intersections.
- Separate local and through traffic at intersections.
- Add a diverging diamond interchange (DDI) at RM 2222; evaluate a DDI at RM 2244.
- Increase safe access to/from adjoining neighborhoods.



## ■ Projects:

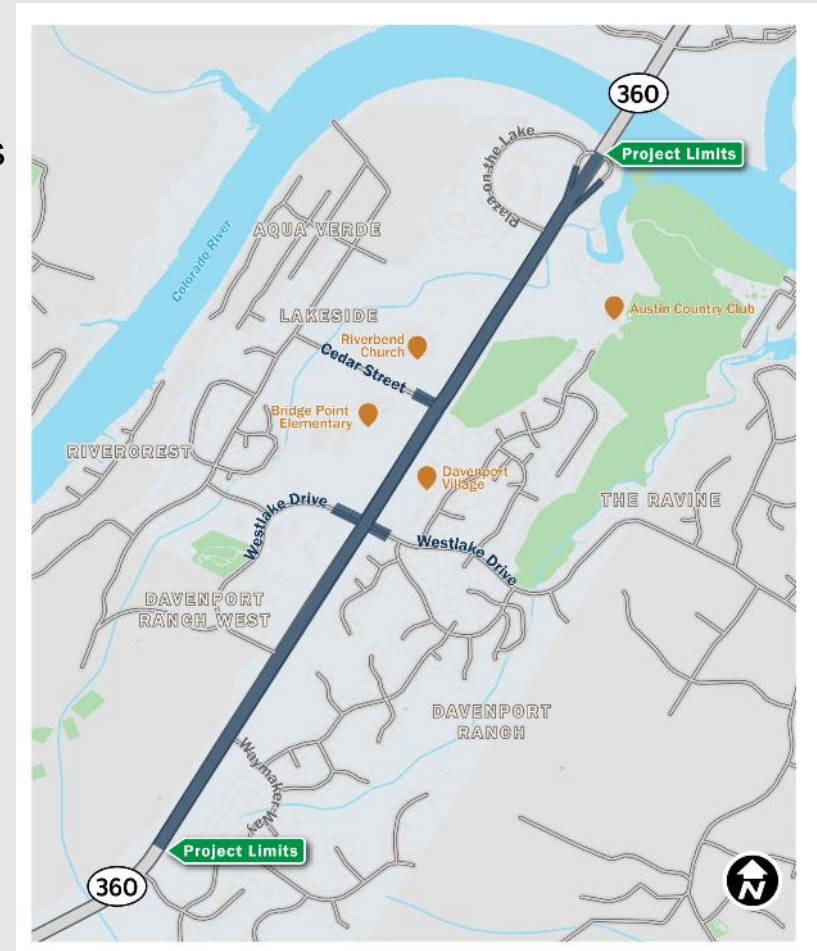
- Westlake Drive/  
Cedar Street.
- Courtyard Drive/  
RM 2222.
- Lakewood Drive/  
Spicewood Springs Road.
- RM 2244.
- MoPac to RM 2244.



# Westlake Drive/Cedar Street



- Remove traffic signal from Loop 360 mainlanes at Westlake Drive and Cedar Street.
- Construct an underpass at both intersections, including non-signalized U-turns in both directions at Westlake Drive.
- Environmentally cleared spring 2020.
- Construction began in June 2022.
- Construction is expected to take approx. 3 years.
- Currently crews are working on utility relocations, retaining walls and drainage lines.



# Westlake Drive Cliff Cuts



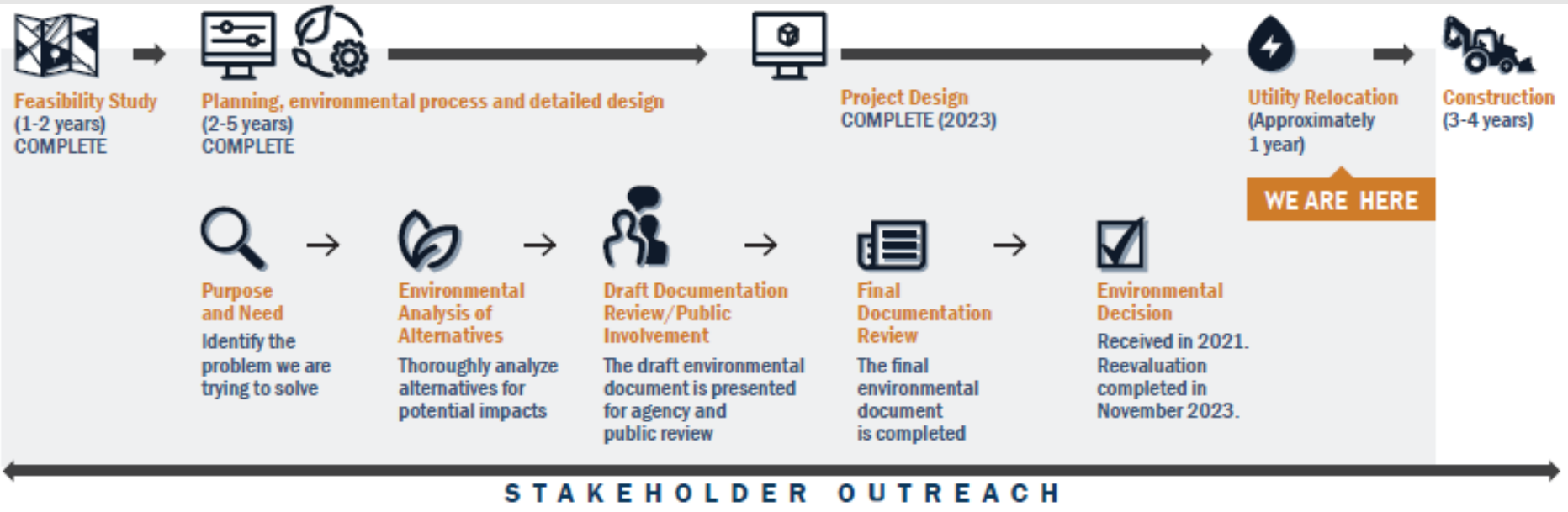
# Courtyard Drive/RM 2222 (Need for Improvements)



- Why this project is needed:
  - 36 crashes on this area Loop 360 between 2019 and 2023.
    - 2 included fatalities
    - 14 were at the Courtyard/Loop 360 Intersection
  - Over the last 5 years sections of Loop 360 have been ranked in the top 100 most congested roadways in Texas.
  - It takes approximately 78-84% longer to travel on Loop 360 during peak periods than during free-flow conditions.
  - If nothing is done by 2040:
    - Morning peak travel times could further increase by an average of 46%.
    - Evening peak travel times could be nearly double the off peak/free-flow travel times.



# Project process and timeline



## Construction Phase:

- Currently authorized for construction funding in 2026.
- Actual construction start is TBD.
- Estimated total construction duration is approximately 3 years.

*\*Graphic represents current status of Courtyard Drive/RM 2222 project.*

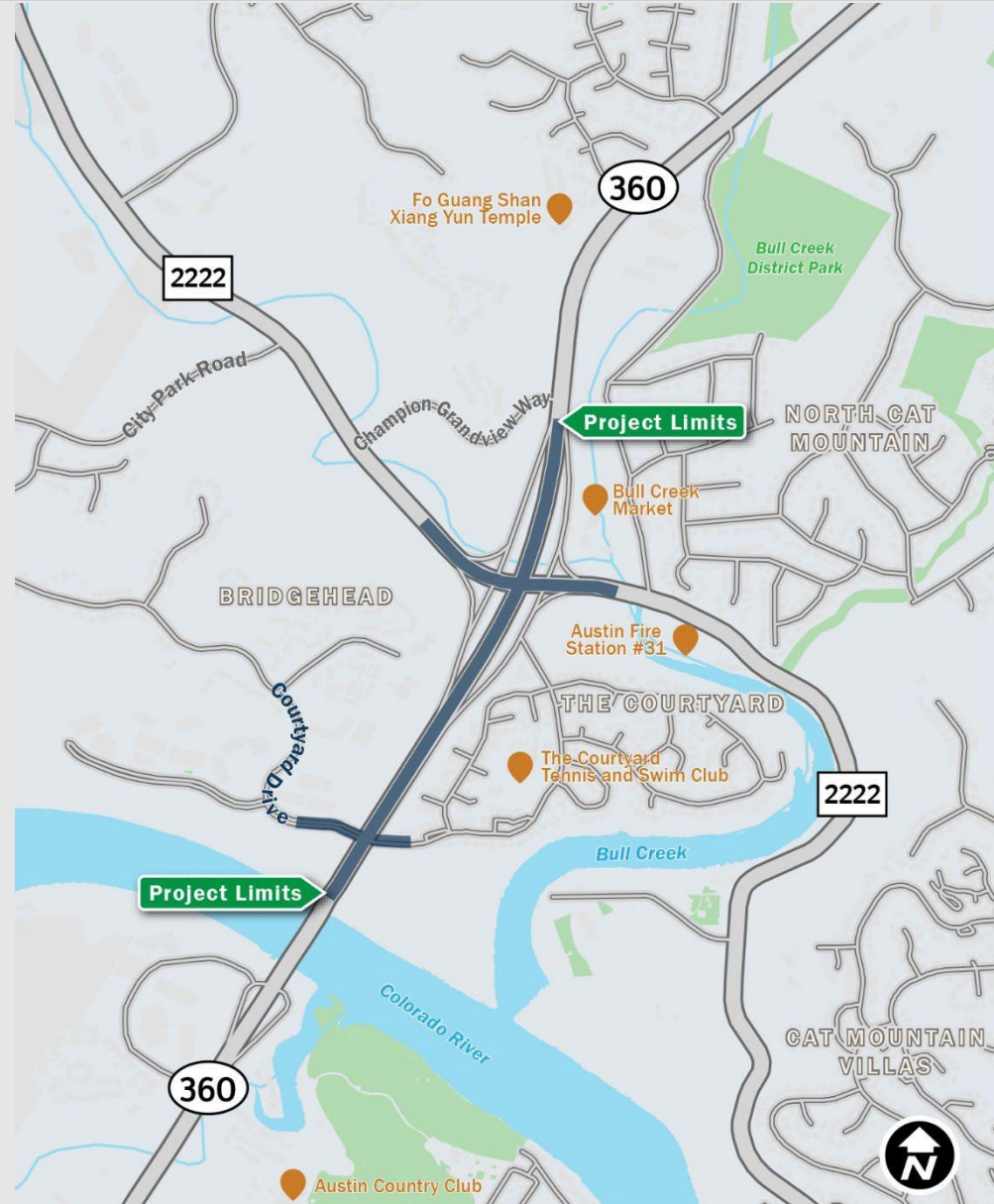


# Courtyard Drive/RM 2222 (Project Overview)

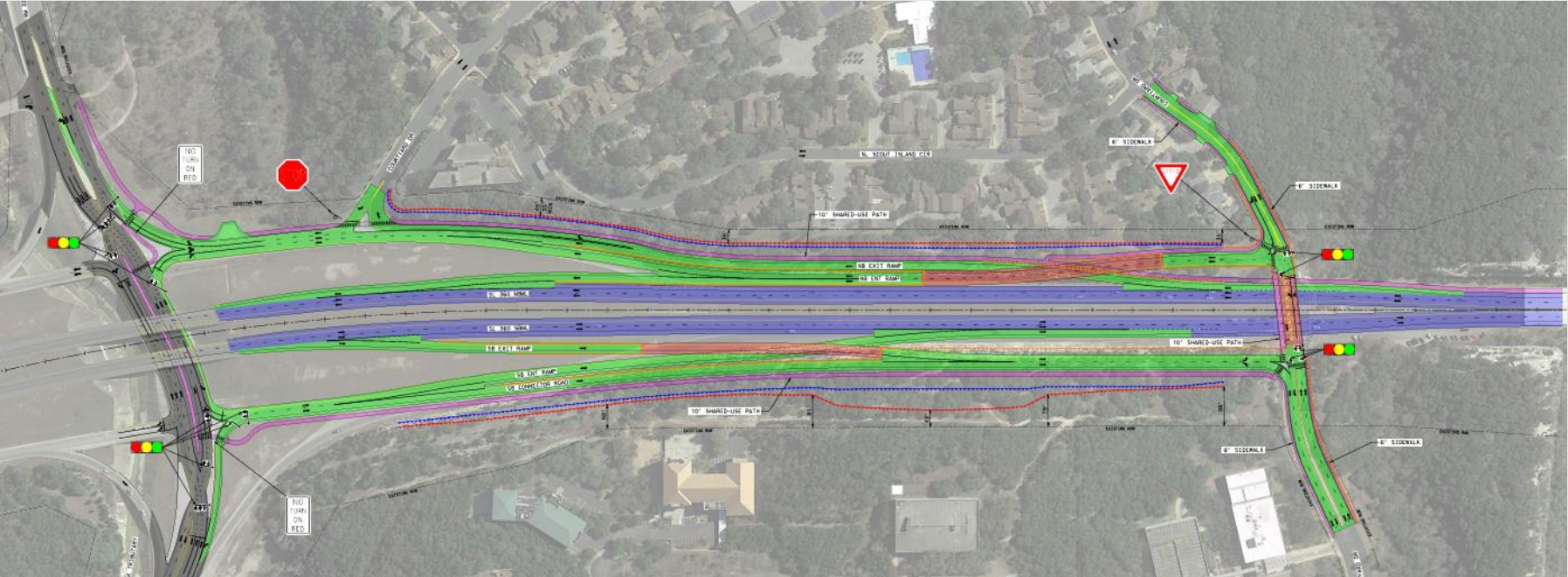


## Project overview:

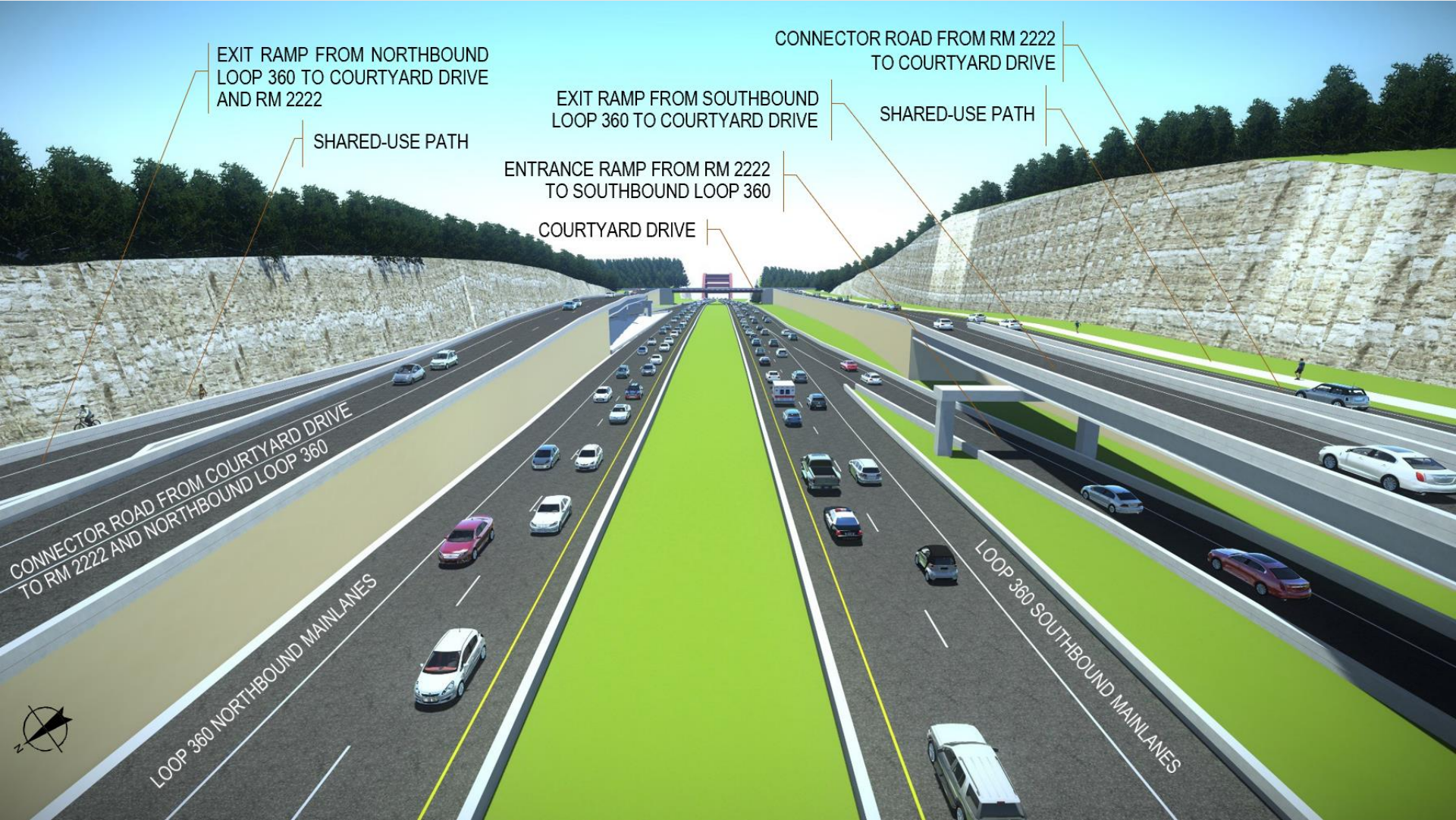
- Remove traffic signal from Loop 360 mainlanes at Courtyard Drive and construct an underpass.
- Reconfigure RM 2222 at Loop 360 to a diverging diamond interchange (DDI).
- Add a shared-use path and sidewalks within the project limits.
- Access changes from eastbound Courtyard Drive to southbound Loop 360 and from northbound Loop 360 to eastbound Courtyard Drive.
- Northbound exit ramp replaced with northbound braided ramps.
- Southbound entrance ramp replaced with southbound braided ramps



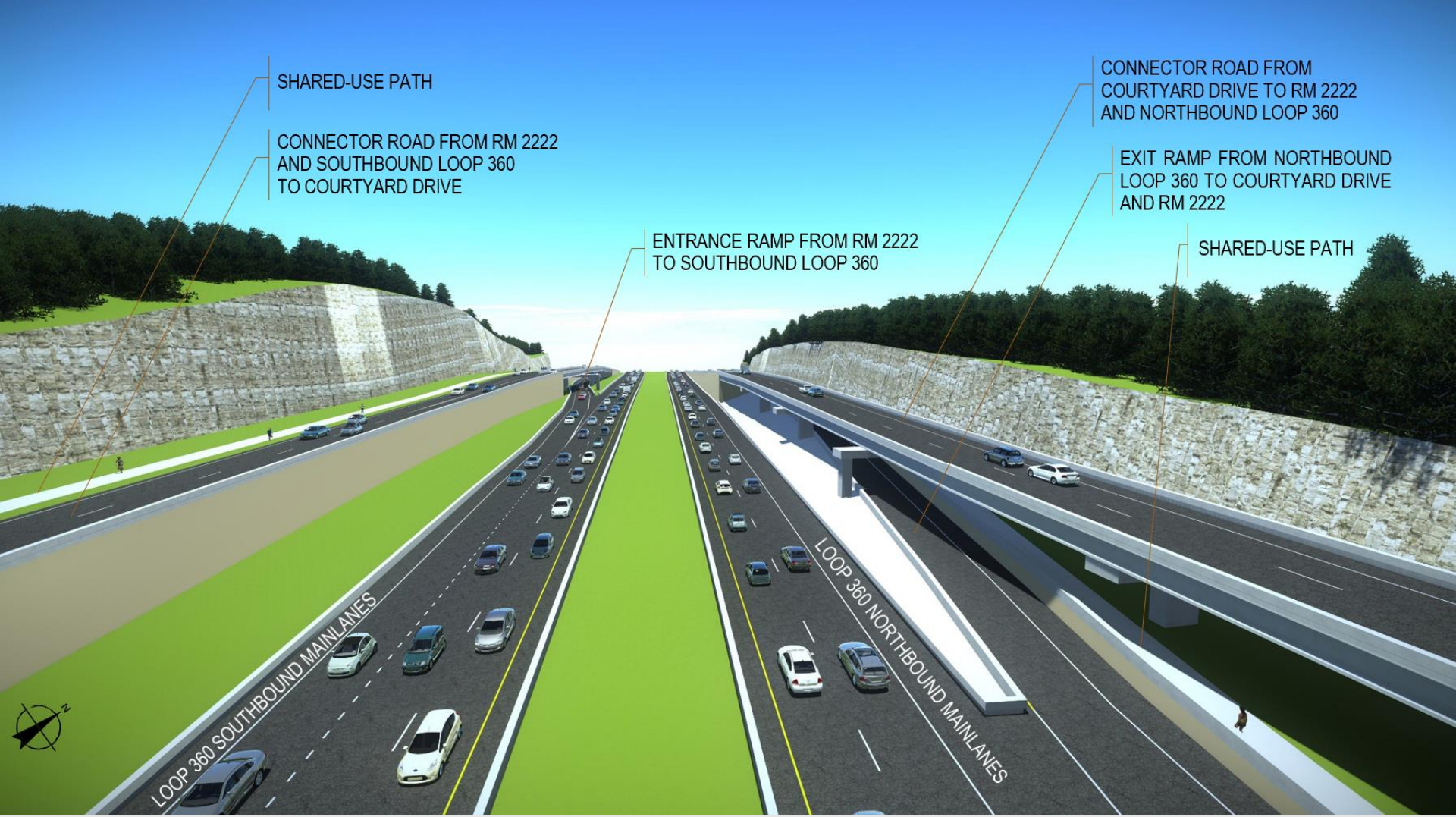
# Courtyard Drive/RM 2222 Cross Section



# Loop 360 looking south at Courtyard Drive



# Loop 360 looking north toward RM 2222



SHARED-USE PATH

CONNECTOR ROAD FROM RM 2222 AND SOUTHBOUND LOOP 360 TO COURTYARD DRIVE

ENTRANCE RAMP FROM RM 2222 TO SOUTHBOUND LOOP 360

CONNECTOR ROAD FROM COURTYARD DRIVE TO RM 2222 AND NORTHBOUND LOOP 360

EXIT RAMP FROM NORTHBOUND LOOP 360 TO COURTYARD DRIVE AND RM 2222

SHARED-USE PATH

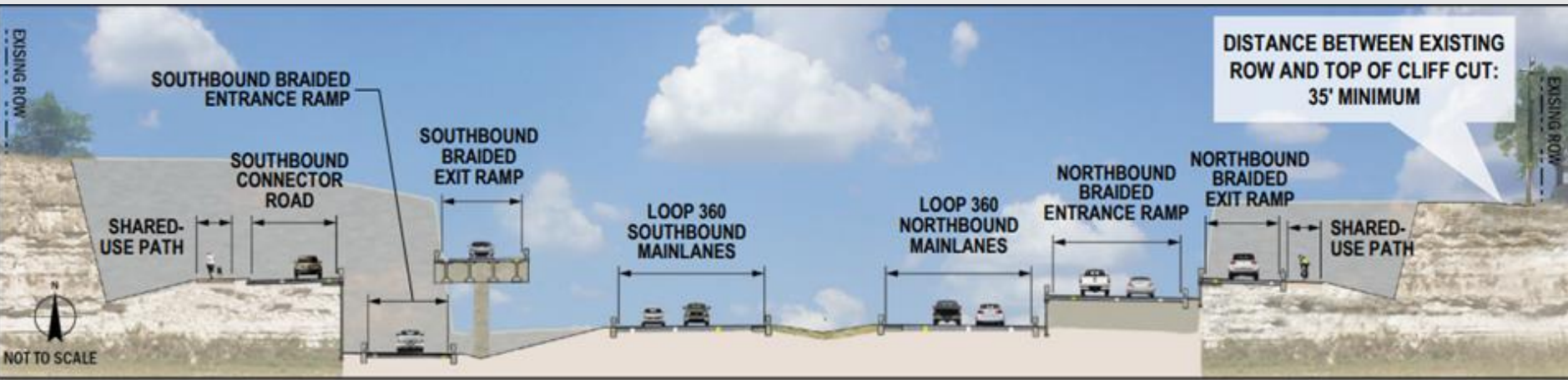
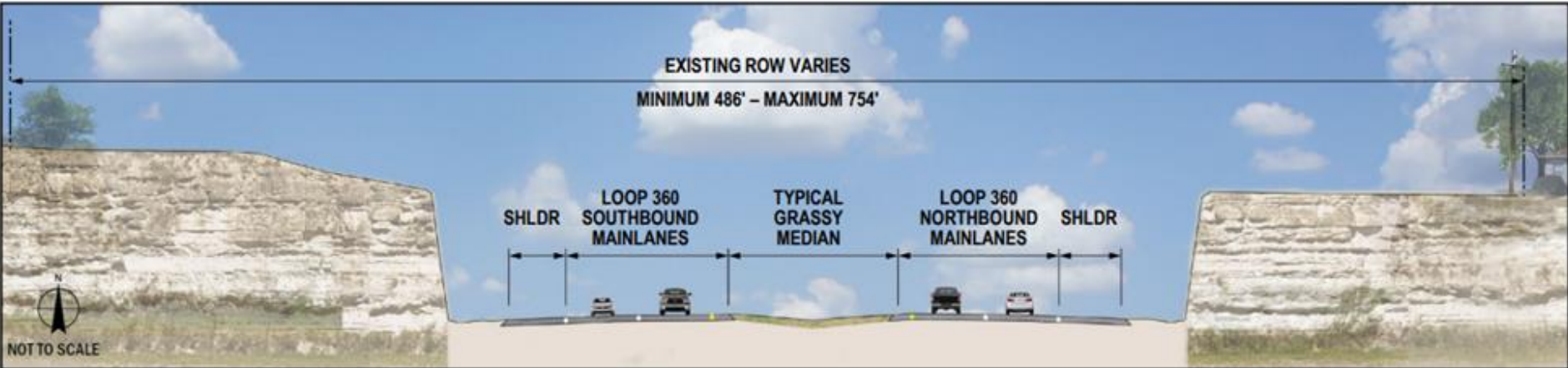
LOOP 360 SOUTHBOUND MAINLANES

LOOP 360 NORTHBOUND MAINLANES

# Courtyard Drive looking east



# Courtyard Drive/RM 2222 Cross Section





- **Tennis Club Sign located in TxDOT ROW**
  - HOA to decide: relocate existing sign or have new one made?
  - TxDOT will provide location options based on sign size.
  
- **Irrigation located in TxDOT ROW**
  - HOA responsible for cutting & capping irrigation prior to construction.
  - TxDOT will provide HOA notice several months before construction begins.
  
- **Landscaping stones located in TxDOT ROW**
  - TxDOT will identify which stones must remain for retaining wall.
  - HOA to identify stones to be salvaged. Remaining stones will become contractor's property.
  - HOA will have opportunity to reclaim/move stones that are not structurally necessary several months prior to construction letting.
  
- **Fencing along cliff**
  - TxDOT provides two options – chain link or barbed wire.
  - HOA can install its own fence/barrier along the neighborhood property line.
  - TxDOT can work with HOA on timing of fence installation.

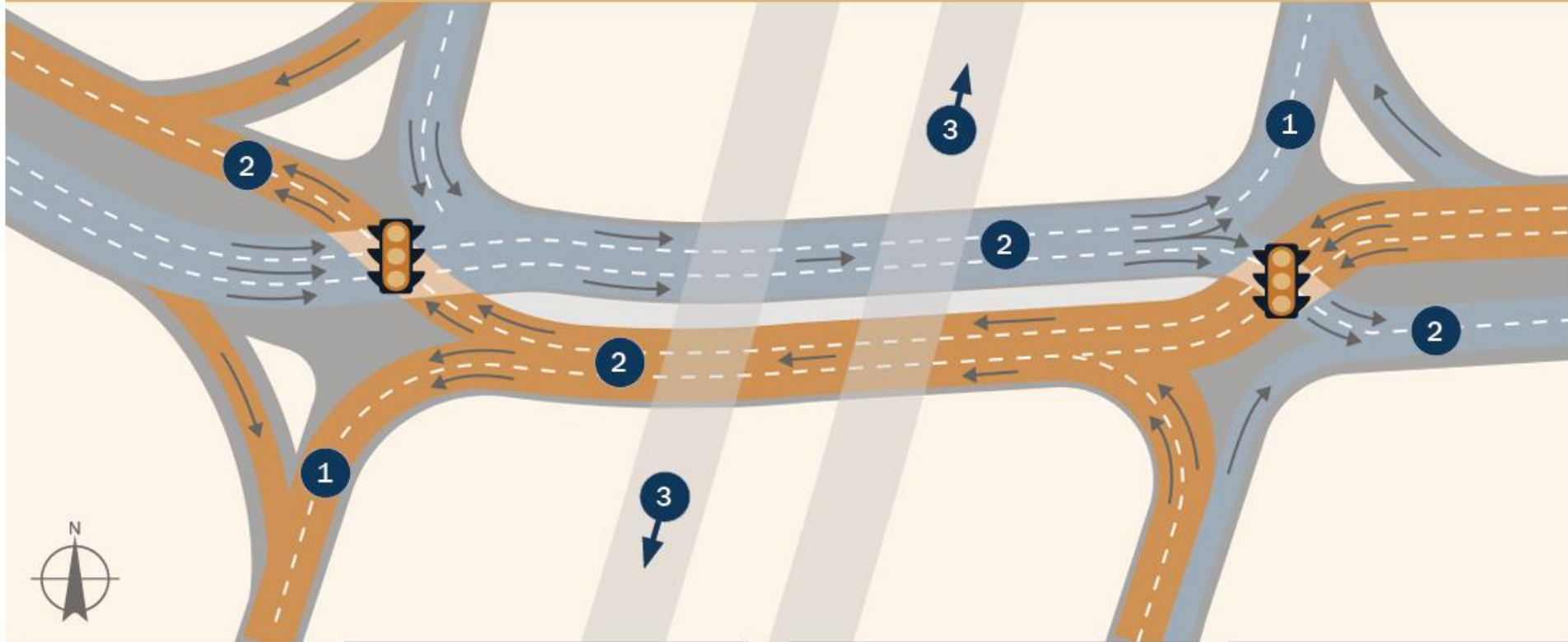


# Diverging Diamond Interchange at RM 2222 Intersection



## Example of a DDI Interchange

*\*This illustration is conceptual and subject to change.*



**By shifting traffic, drivers can:**

**1** Make a protected left turn, rather than wait for oncoming traffic to clear or for a left-turn signal.

**2** Continue straight and shift back to the right side of the roadway once clearing the intersection.

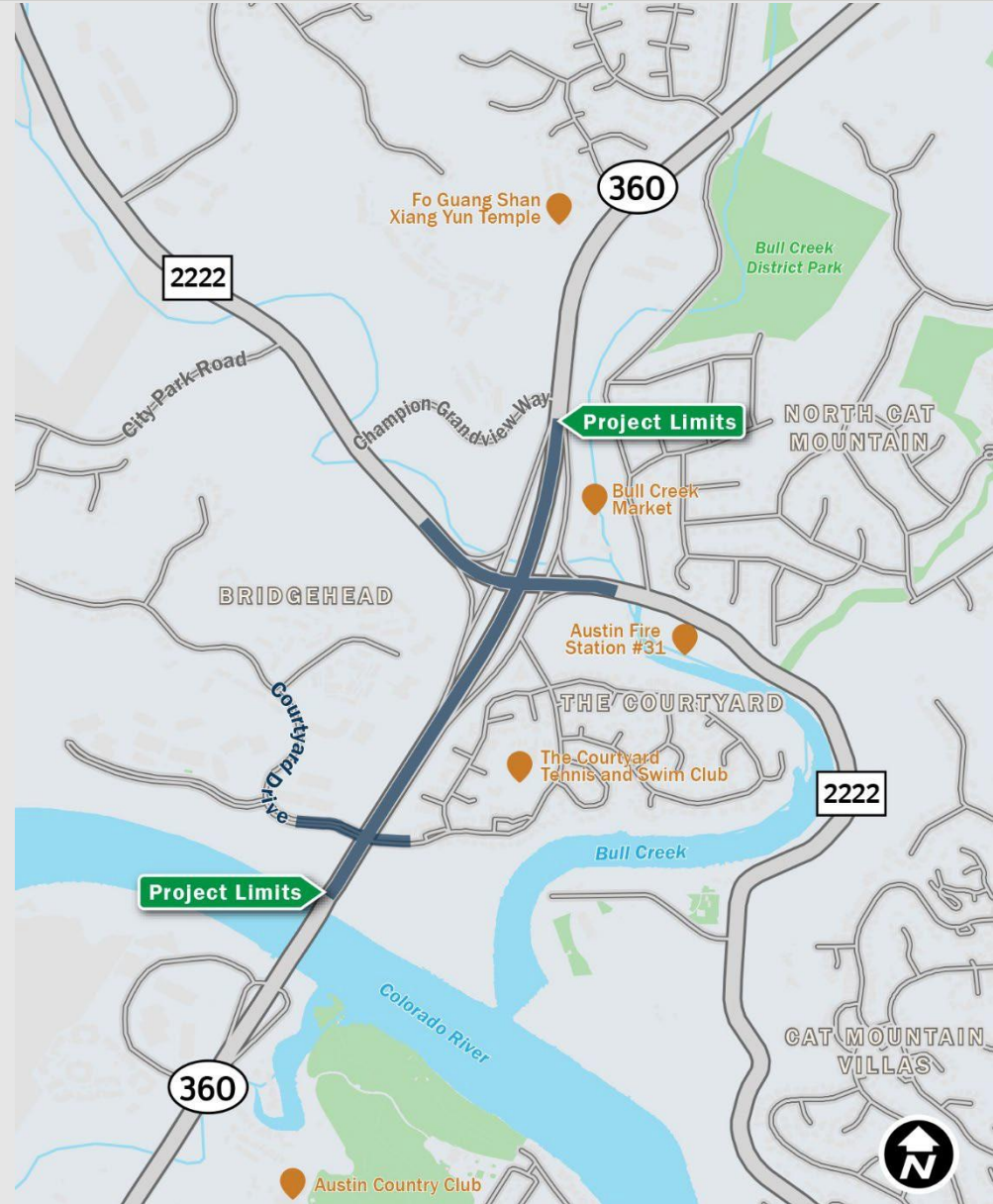
**3** Through-traffic bypasses the intersection using the mainlanes or a bypass lane.



# Courtyard Drive/RM 2222 – Anticipated Construction Phasing

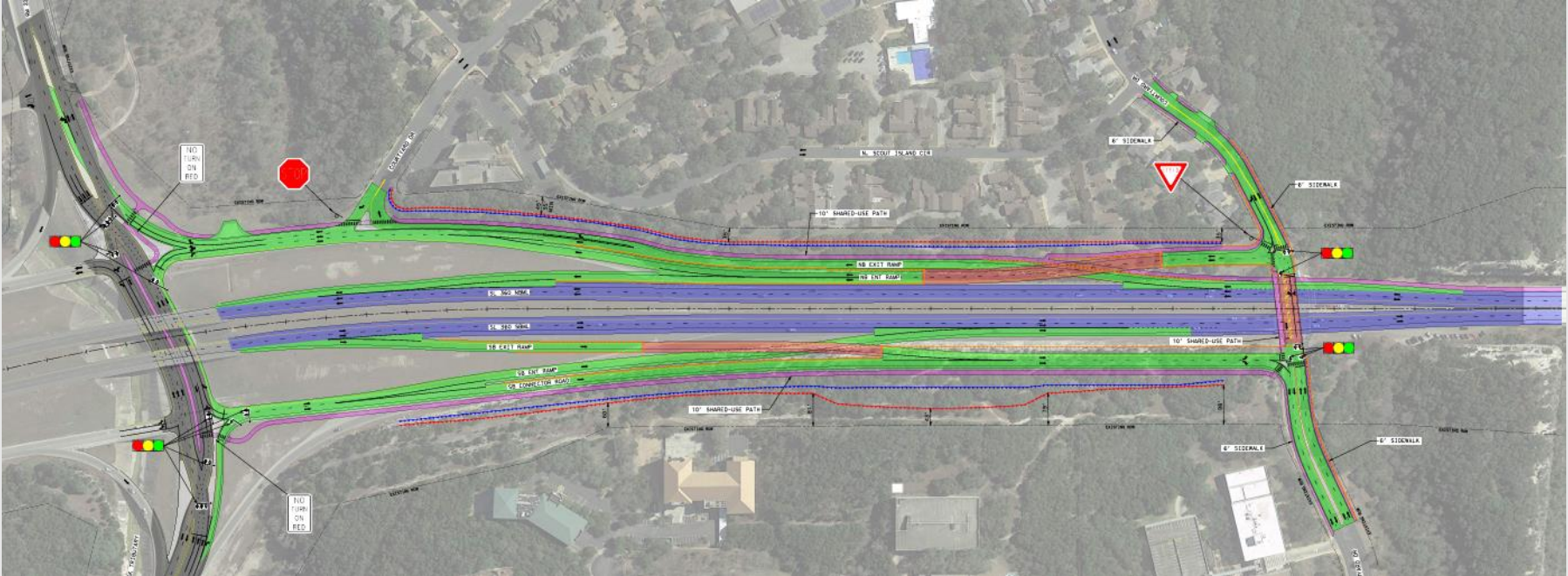


- Phase 1:
  - a) Rock excavation
  - b) Construction of all elements outside of Loop 360 main lanes
- Phase 2: Courtyard Bridge Construction
  - Eastside access at southern Courtyard Drive intersection will be closed (est. 6-7 months)
- Phase 3: RM 2222 DDI Construction



*Phasing and timeframes subject to change*

# Courtyard Drive/RM 2222 Cross Section





- Lakewood Drive / Spicewood Springs Road
  - Construct overpasses at Spicewood Springs Road (E)/Bluffstone Drive and Lakewood Drive with non-signalized U-turns in both directions.
- MoPac to RM 2244
  - Construct an overpass at Walsh Tarlton Lane and either an overpass or an underpass at Lost Creek Boulevard and Westbank Drive.
  - Construct continuous one-way northbound and southbound frontage roads throughout the project limits to improve local connectivity.
- RM 2244 – evaluate a DDI
- Projects will move forward as additional funding becomes available.





Visit the program website:  
<https://www.txdot.gov/loop360>

Questions or Comments?  
Email the project team:  
[\*\*KSETH-C@txdot.gov\*\*](mailto:KSETH-C@txdot.gov)