

STUDY PURPOSE



Route 32 Concept Study

The purpose of this study is to plan future safety and operational improvements on Route 32 (Karsch Boulevard) between US Route 67 and MO Route OO in Farmington, MO.

The key intersections are:

- 1. Route 32 and Maple Valley Drive
- 2. Route 32 and Walton Drive/Plaza Square
- 3. Route 32 and Potosi Street
- 4. Route 32 and Washington Street
- 5. Route 32 and Krei Boulevard
- 6. Route 32 and Route OO/Sainte Genevieve Avenue

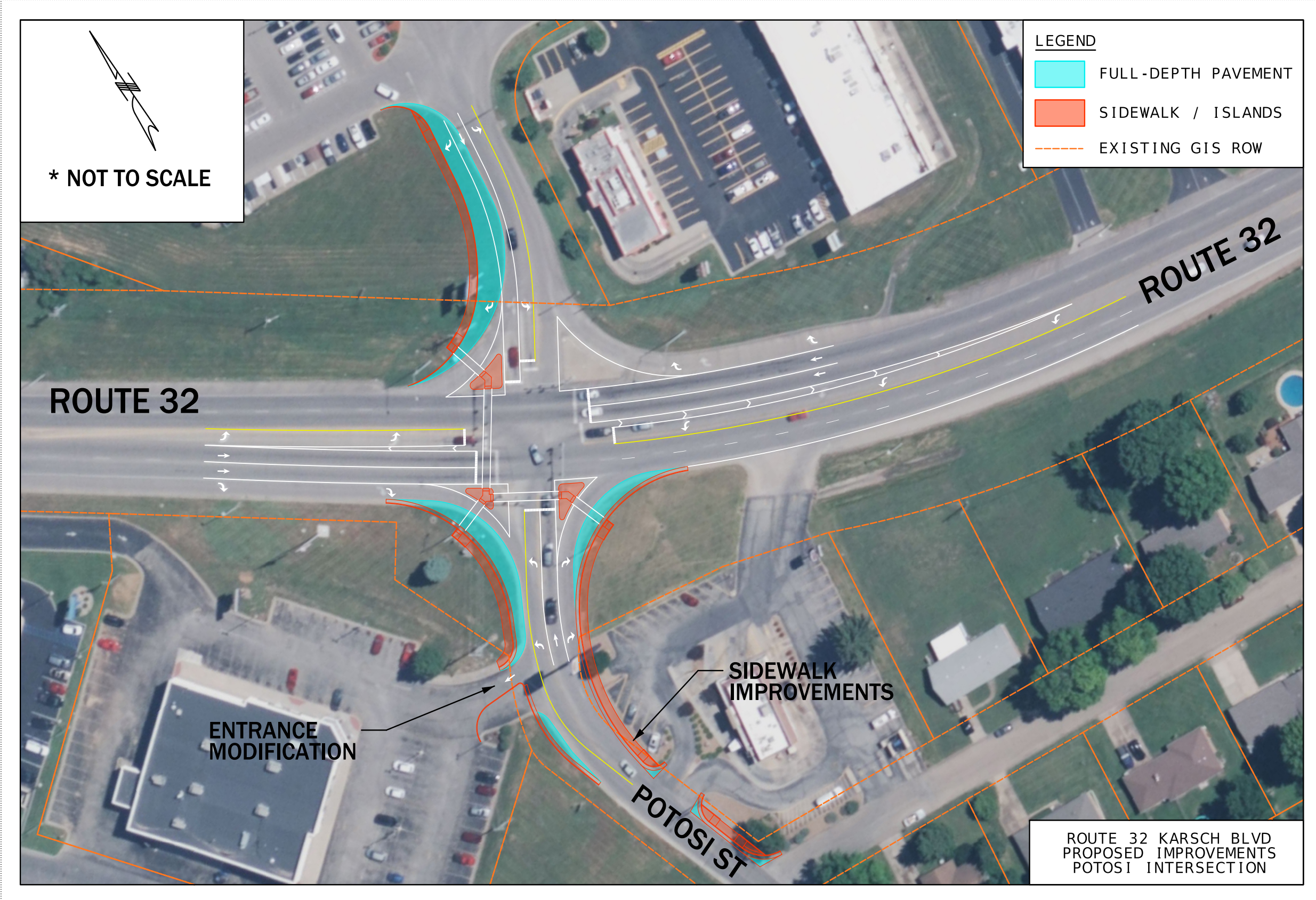
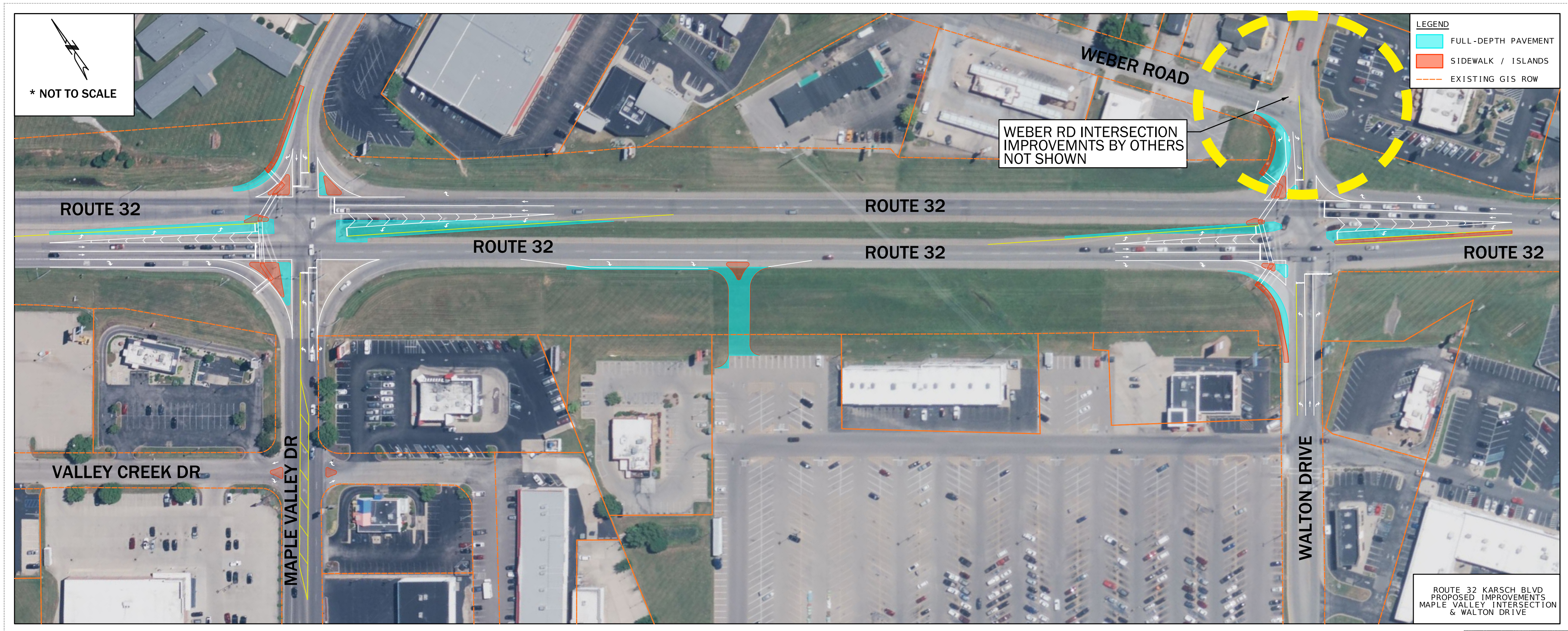
In addition to the above key intersections, the study also evaluated driveway access along the project corridor.



KEY INTERSECTIONS



Route 32 Concept Study



1) Route 32 & Maple Valley Drive

Estimated Cost: \$650,000 to \$750,000

- Modify left turn signals to improve efficiency.
- Adjust the intersection layout for better visibility and space for turning.
- Extend and widen the southbound right-turn lane to provide more storage and improve vehicle movement.
- Change Maple Valley Drive/Valley Creek Drive to right-in/right-out* only access to reduce intersection related crashes.

2) Route 32 & Walton Drive

Estimated Cost: \$775,000 to \$875,000

- Add a right-in/right-out access point between Maple Valley Drive and Walton Drive to improve overall traffic operations and improve safety.
- Modify left turn signals to improve efficiency.
- Adjust the intersection layout to improve visibility and turning.

3) Route 32 & Potosi Street

Estimated Cost: \$750,000 to \$850,000

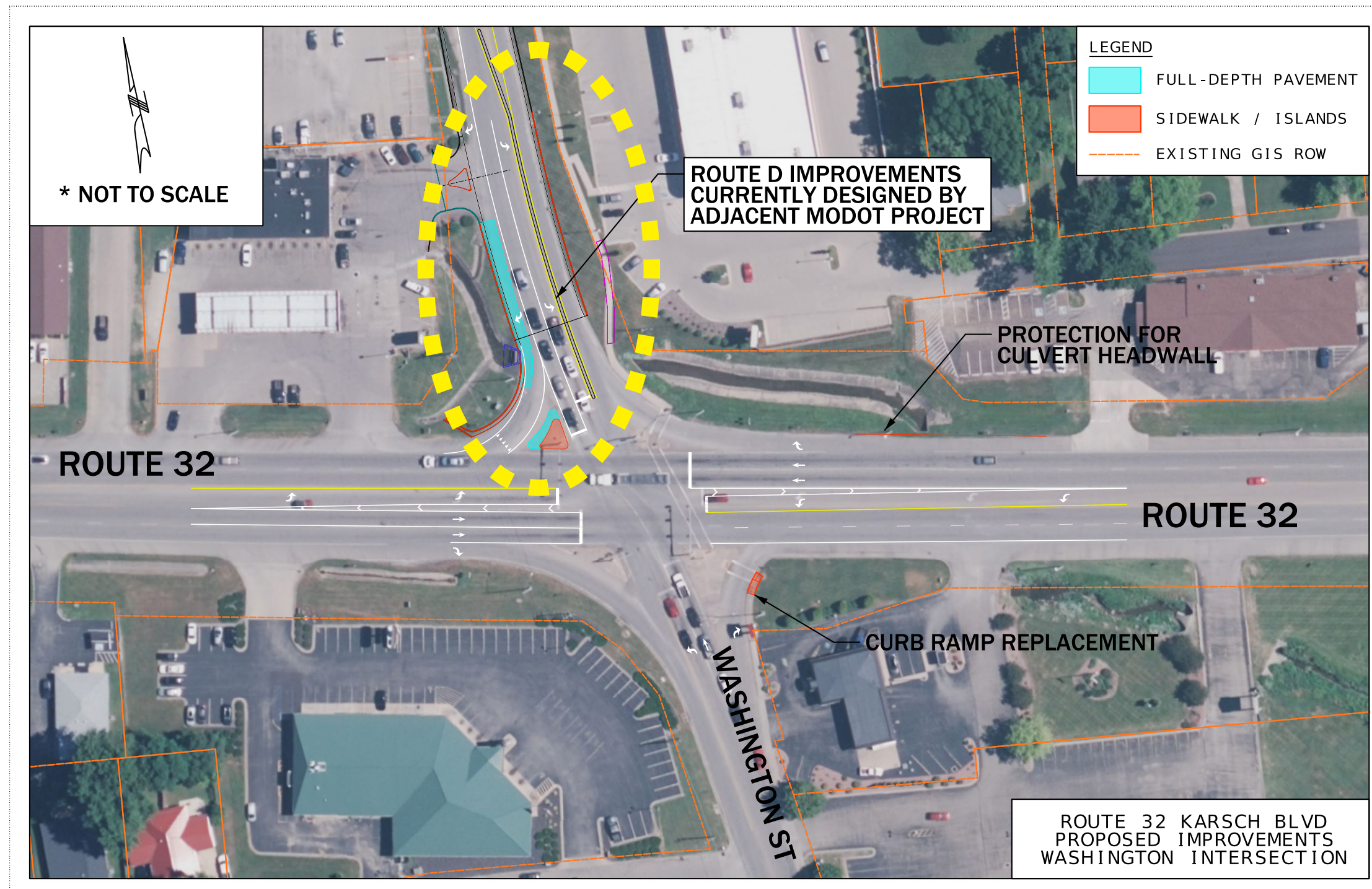
- Modify left turn signals to improve efficiency.
- Adjust the intersection layout to improve visibility and increase turning space
- Add sidewalks and signalized crosswalks to improve pedestrian access and safety.
- Add signing and curb at Walgreens entrance to reinforce that is an entrance only at that location.

Right-in/right-out (RIRO): A driveway or street connection where drivers can only turn right when entering or exiting. RIRO is a design used to keep traffic moving safely on busier roads by reducing crossing conflicts.

KEY INTERSECTIONS



Route 32 Concept Study

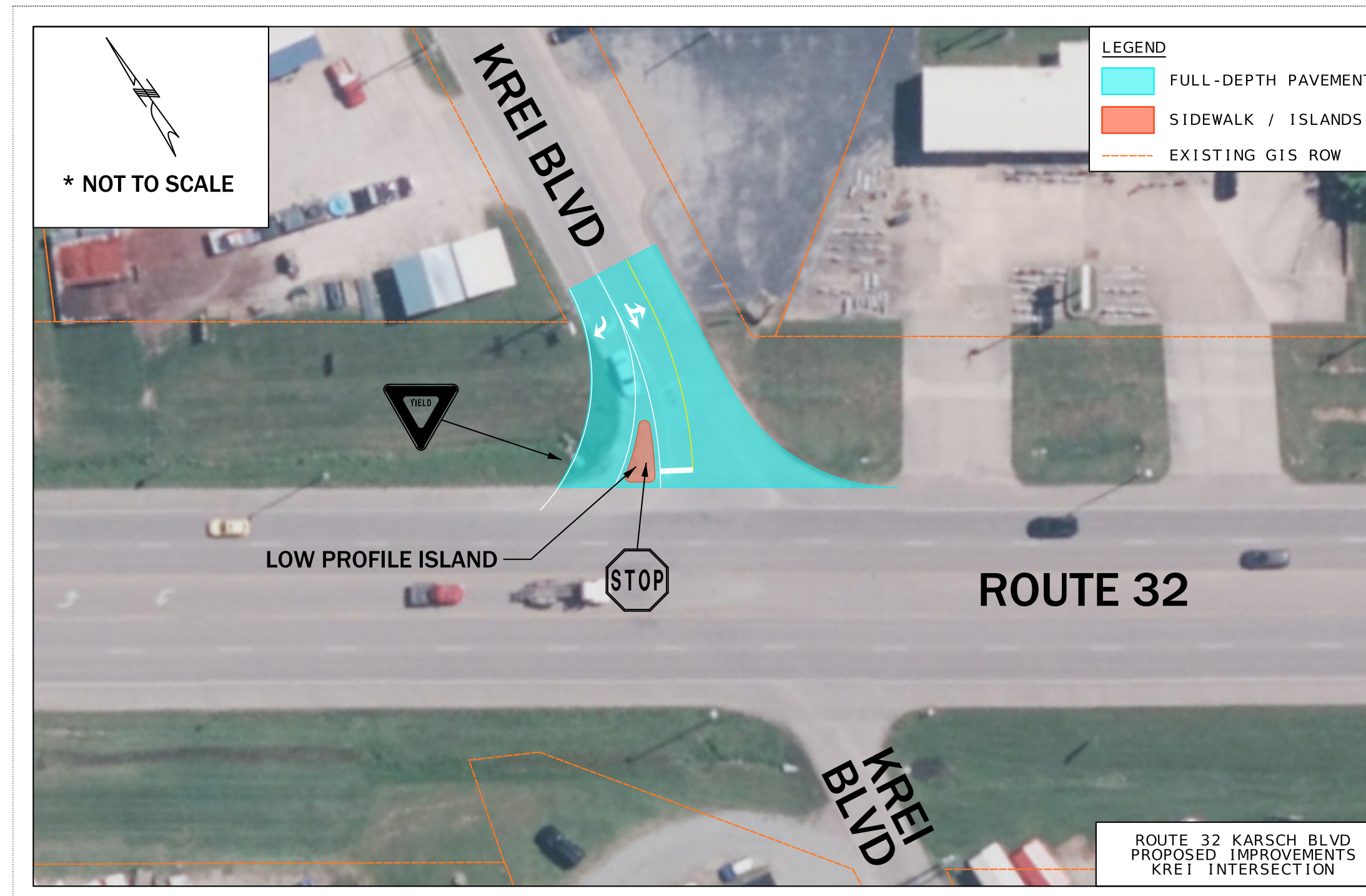


4) Route 32 & Washington St (Route D)

Estimated Cost: \$400,000 to \$500,000

- Modify left turn signals to improve efficiency
- Modify northbound approach configuration to improve left-turn operations and visibility
- Update intersection islands and pavement markings to better guide vehicles through the intersection.
- Replace the sidewalk ramp in the southeast corner due to poor condition.
- Add guardrail to protect culvert headwall along Route 32.

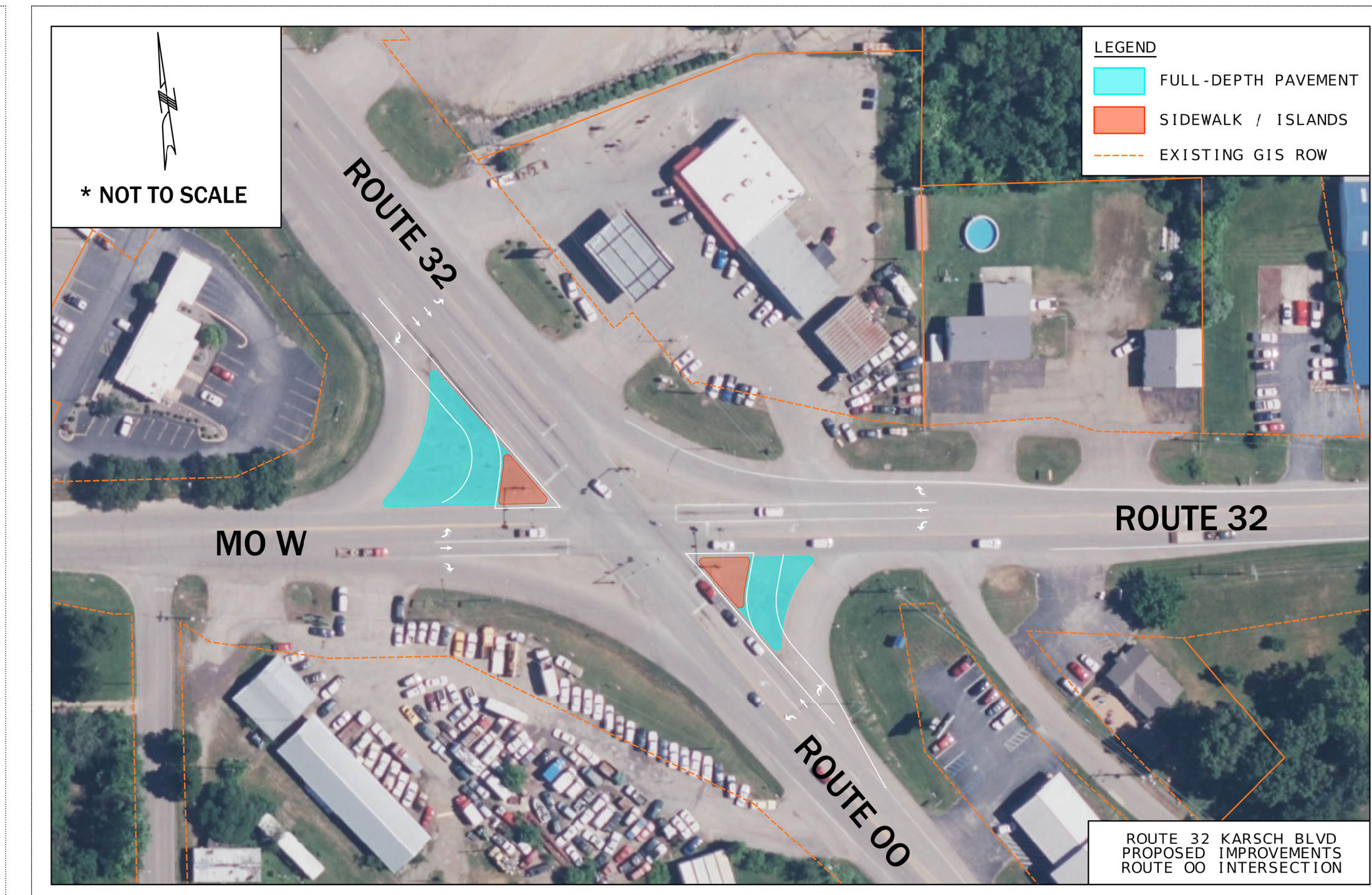
Note: improvements to the southbound approach to this intersection are currently undergoing design (MoDOT).



5) Route 32 & Krei Boulevard

Estimated Cost: \$100,000 to \$150,000

- Improve the angle of the intersection's southbound approach in order to provide drivers with a better view of traffic before entering the intersection, improving safety.
- Add a raised island to create a channelized right-turn lane.



6) Route 32 & Route 00/Sainte Genevieve Road

Estimated Cost: \$450,000 to \$550,000

- Update the northbound and southbound right-turn lanes to improve driver visibility.
- Improve sight lines for drivers traveling through the intersection.

Estimated Cost: \$600,000 to \$700,000

