

City of Jackson

TO: Mayor and Board of Aldermen

FROM: Janet Sanders, Director of Public Works

DATE: August 28, 2025

RE: Donna Drive Intersection Improvement Options

The City's long-standing request for a turn lane on East Jackson Boulevard at Donna Drive has risen on the MODOT STIP to the point where they will design it in 2026 with expected construction in 2027. Last week they held a meeting with city staff to discuss several options for the intersection and need to know the City's preference on the southern extension of Donna Drive and connection with Kimbel Lane before they begin design.

MODOT was also aware of a plan by Jackson Tire/Charlie's Fast Lube to redesign the flow of traffic within their own property and will be taking that into consideration as much as possible in their design. Two conceptual layouts provided by Jason Glueck of Jackson Tire are attached.

The options for altering the Donna Drive intersection are as follows (with correspondingly labeled attachments). For Options #1, 2 & 3, the city would be responsible for all costs of extending Donna Drive south of East Jackson Boulevard and altering Kimbel Lane.

Option #1: Design and construct the turn lane on Jackson Blvd. to Donna Drive, soften the corners and upgrade the stop lights.

Donna Drive is extended south with a gradual S-Curve. Kimbel Lane is cut off from Jackson Blvd. and realigned to intersect with Donna Drive. Access to the west side of Jackson Tire and east side of ZX is maintained. This option has the most impact on the Jackson Tire/Charlie's property and is also located the closest to the front corner of the Teen Challenge building.

Option #2: Essentially the same as Option #1 but with tighter curves and somewhat less impact on the two adjacent properties.

<u>Option #3:</u> Design and construct the turn lane on Jackson Blvd. to Donna Drive, soften the corners and upgrade the stop lights.

Kimbel Lane is cut off from Jackson Blvd. but not realigned. Donna Drive is designed to curve into an intersection with the existing Kimbel Lane.

Option #4 (no drawing provided): Design and construct the turn lane on Jackson Blvd. to Donna Drive, soften the corners and upgrade the stop lights.

Do nothing to extend Donna Drive to the south or alter Kimbel Lane. Kimbel Lane remains open to East Jackson Blvd. If the City chooses Option #4, all project cost will be MoDOT's, except utility relocation if it is required.

With Options #1, 2, and 3, MODOT will cover all design costs, including the extension of Donna Drive and alteration of Kimbel Lane. The city could also elect to abandon any unnecessary portion of Kimbel Lane north of the eastern access of ZX, which would revert each half to the adjoining property owners.

Design and engineering cost of this project will be covered by MoDOT even if we decide to do the Donna drive south extension and Kimbel Lane alteration.

The southern extension of Donna Drive is on the major street plan as a collector street. A clip of the Major Street Plan is also attached.

To facilitate this project moving forward, the Board will need to discuss these options and select the preferred option which staff can relay to MODOT.

As always, if you have questions, please contact me at <u>jsanders@jacksonmo.org</u> or 573-243-2300 x 2031.