



# Technical Memorandum

<b>To:</b>	Andrea Lacy	<b>Date:</b>	April 11, 2018
	Paris/Bourbon Co Planning	<b>GRW Project No.:</b>	4602-04
<b>From:</b>	GRW Engineers		
<b>Subject:</b>	MS 18-02		

## Traffic Impact Study Review

- The Level of Service of the impacted intersections will not change due to the proposed development based on the traffic counts utilized in the report prepared by Thoroughbred Engineering.
- Any increase in the delay (seconds) seems negligible.
- Recommend including additional traffic to and from Hinkle, once the plant opens, to the report prior to Final Development Plan approval.

## Connection to Eastridge Drive

- According to the Traffic Impact Study, in 2028, the AM Peak traffic volume leaving from Hopewell Drive will increase from 11 to 42 vehicles with the proposed development. The traffic entering Hopewell from E Main St will increase from 7 to 17 vehicles.
- The PM Peak traffic volume leaving Hopewell Drive, in 2028, will increase from 5 to 24 vehicles with the proposed development. The traffic entering Hopewell from E Main St will increase from 12 to 48 vehicles.
- Traffic calming measures could be utilized to reduce the potential number of increased vehicles entering and leaving Hopewell Drive as a result of the proposed development. Feedback from the developer, residents, and Planning Staff will help to make a decision on the best option for traffic calming. The proposed road connecting 460 to Eastridge has two 90 degree turns proposed which will further deter vehicles from “cutting through” the proposed development to avoid the light at 460 and E Main.
- Two ingress/egress options to a development is preferred to allow emergency vehicles another option for entry to the development and to allow residents to enter/exit the development if one entrance is blocked.

## Other Recommendations

- See Staff Comments and Recommendations