Day 6
Exhibit 5

WOOLPERT

Memo

To: Zoning Board and Residents of Sycamore Township

From: Jon Wiley, PE

Date: November 13, 2018

Subject: Kenwood Cut Thru Traffic

Introduction

To understand the concern of residents about traffic using the adjacent residential neighborhood as an alternative route to avoid congestion on Kenwood Road, Woolpert reviewed existing during the PM Peak Hour to attempt to quantify the existing "cut-thru" traffic. Two potential routes were identified:

- Irwin Avenue, from Galbraith to Montgomery Road (US 22), by way of Garden Road. The Garden/Montgomery intersection is signalized. There are 7 stop sign controlled intersections along the route.
- Frolic Drive, from Galbraith to Kenwood Road, by way of Orchard Lane. The Orchard/Kenwood intersection is signalized. There are 4 stop sign controlled intersections, by way of Styrax Lane.

Video was taken at the intersections of Irwin Avenue and Galbraith Road and Garden Road and Montgomery Road (US 22) on Thursday, November 8, 2018 (4:30-5:30pm) and at Frolic Drive and Galbraith Road and Orchard Lane and Kenwood Road on Friday, November 9, 2018 (4:30-5:30pm). Videos were reviewed in the office to identify vehicles that entered and exited at either end of the route during the PM Peak Hour. Traffic in both directions were observed.

Results

On Irwin Avenue/Garden Road, 16 of the 116 vehicles (14%) turning onto Garden Road from Montgomery Road were observed to travel all the way through the subdivision to Galbraith Road. In the southbound direction, 18 of the 78 (23%) vehicles turning onto Irwin Avenue from Galbraith were observed to travel all the way through the subdivision to Montgomery Road.

On the Frolic/Orchard route, 4 of the 149 vehicles (3%) turning onto Orchard at Kenwood Road were observed to exit onto Galbraith Road at Frolic Drive. In the southbound direction, 1 of 22 vehicles (5%) entering Frolic from Galbraith, was observed to exit Orchard onto Kenwood Road.

A summary of the results is shown in **Figure 1.**

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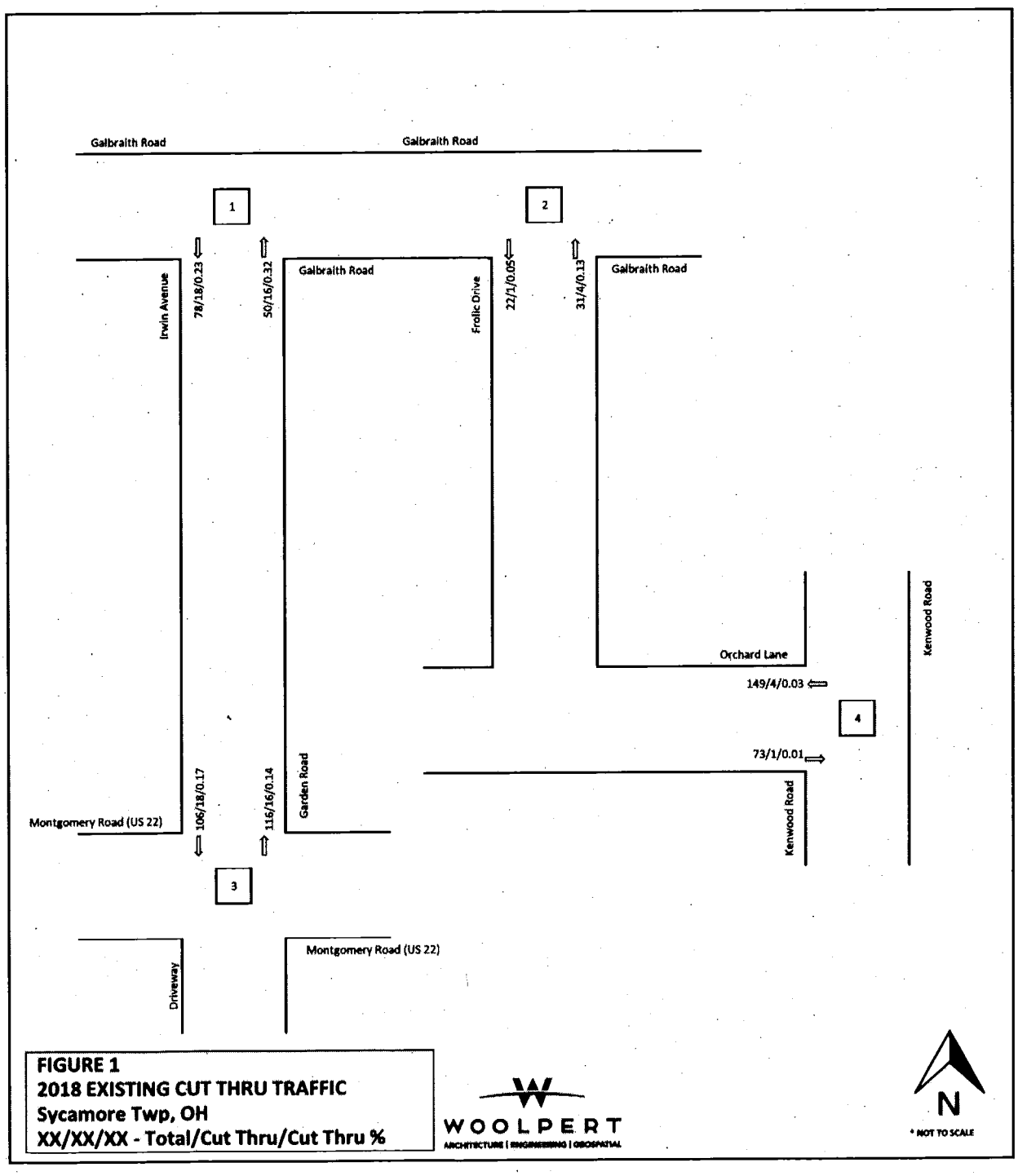

FIGURE 1
2018 EXISTING CUT THRU TRAFFIC
Sycamore Twp, OH
XX/XX/XX - Total/Cut Thru/Cut Thru %

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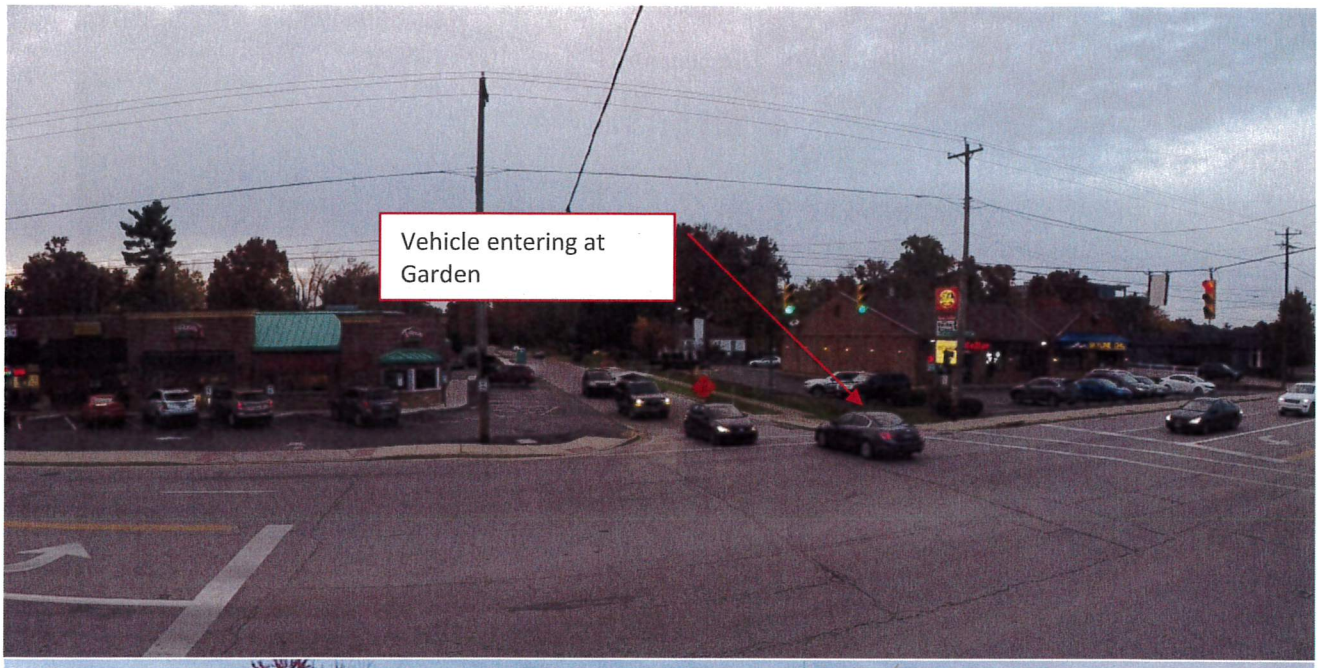

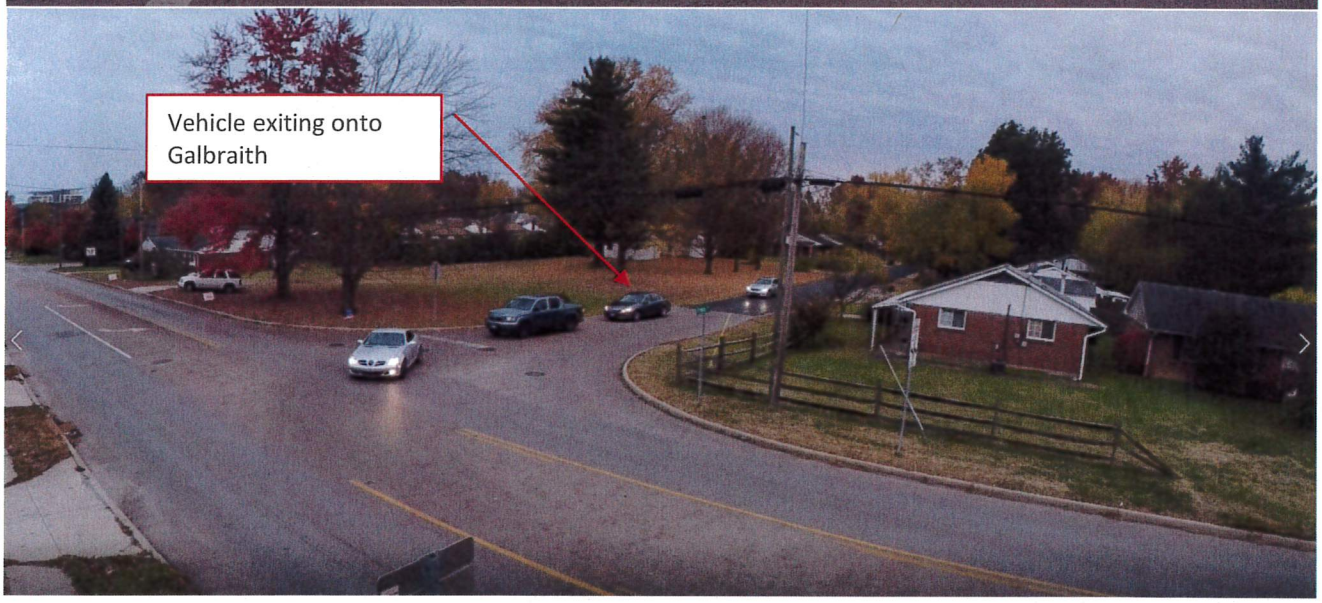

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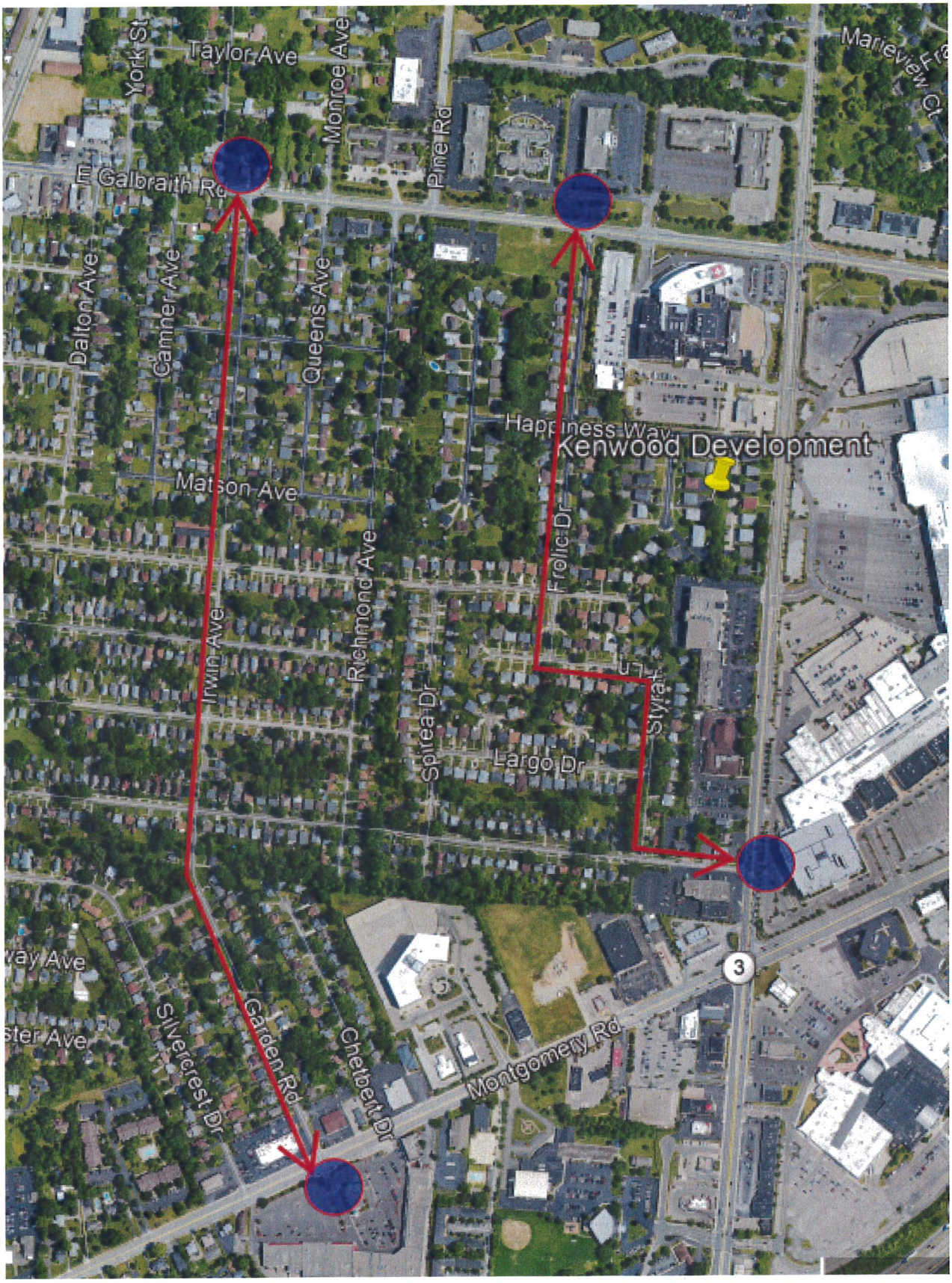

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