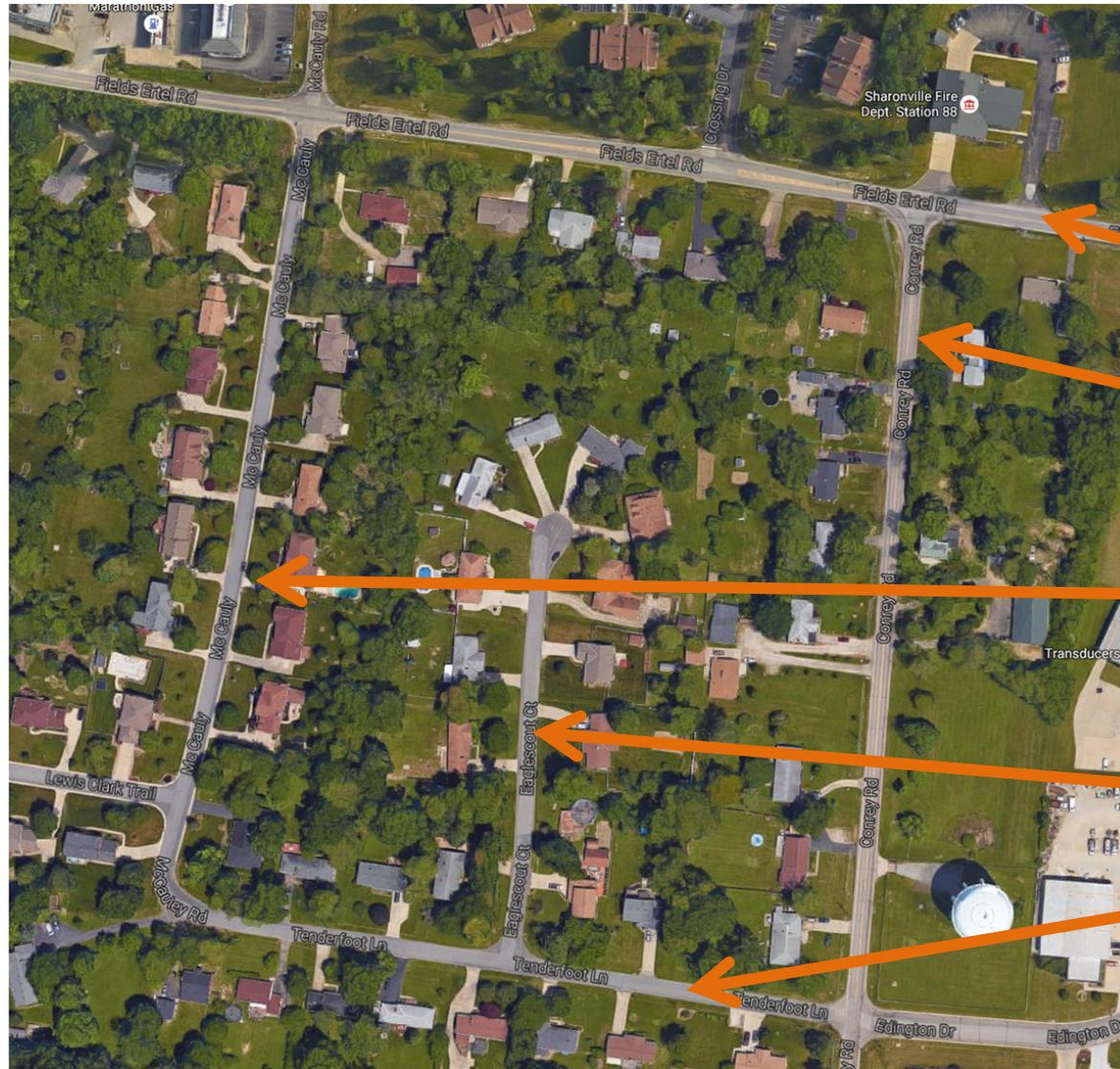


Cut-Thru Traffic on Tenderfoot Lane

Edward R. Williams, PE, POTE
Vice President
TEC Engineering, Inc.



Fields Ertel Road

Conrey Road

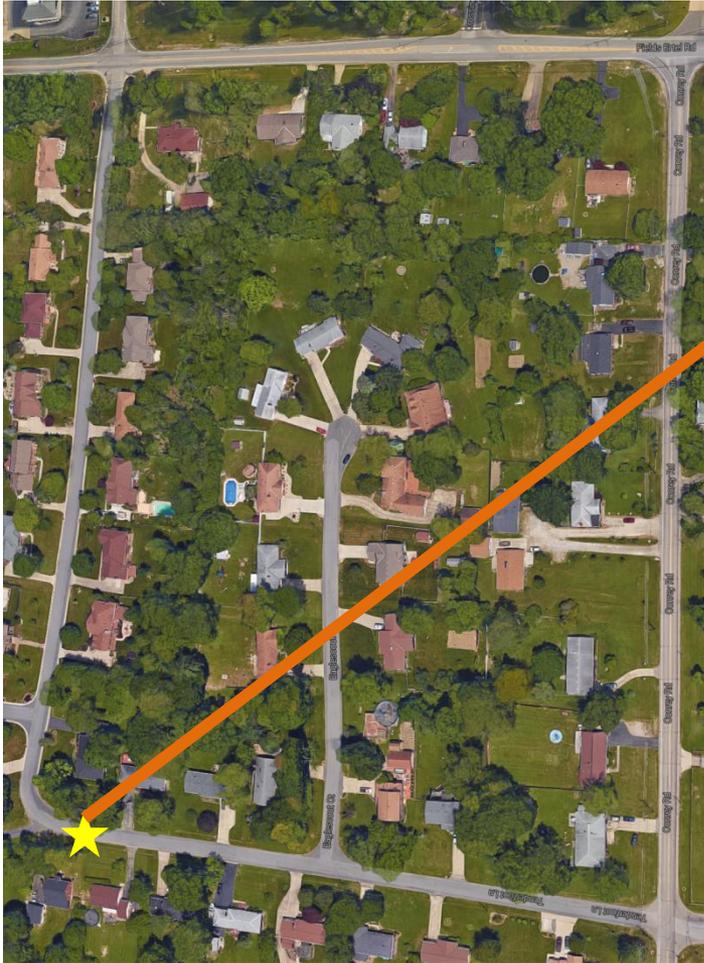
McCauley Road

Eaglescout Court

Tenderfoot Lane

Background

- ✓ Project Area
 - NB Conrey at Fields Ertel Road
 - Heavy Fields Ertel Road Traffic
 - PM Peak Issue
 - Four Way Stop at McCauly
 - 43% Vehicles from NB Conrey to WB Fields Ertel use Tenderfoot
- ✓ Issue – Cut-Thru Traffic



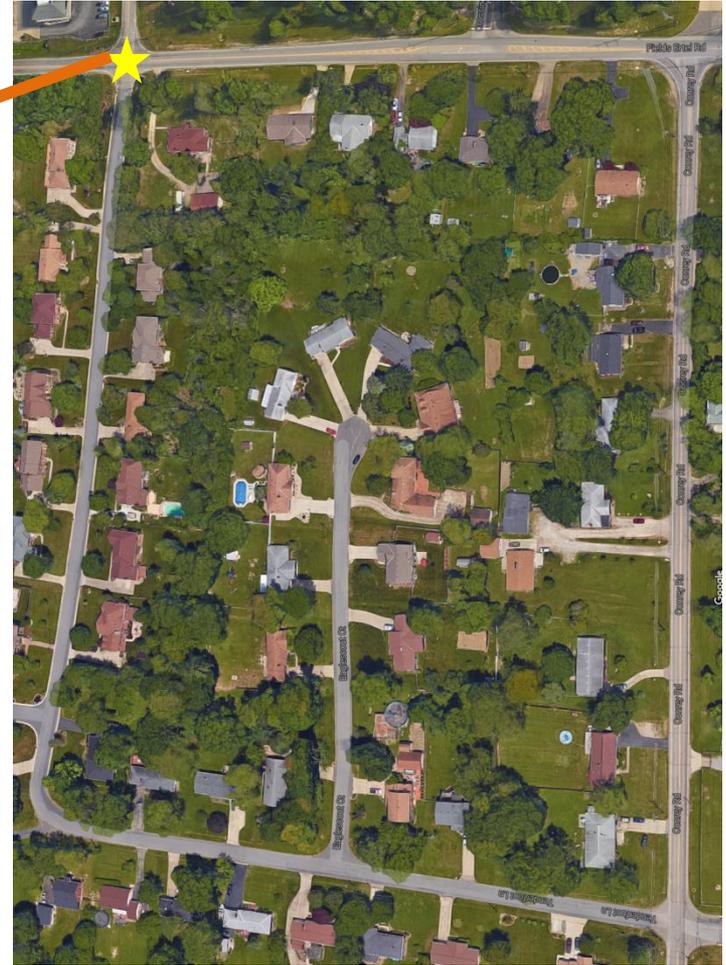
Option #1 – Install Gate

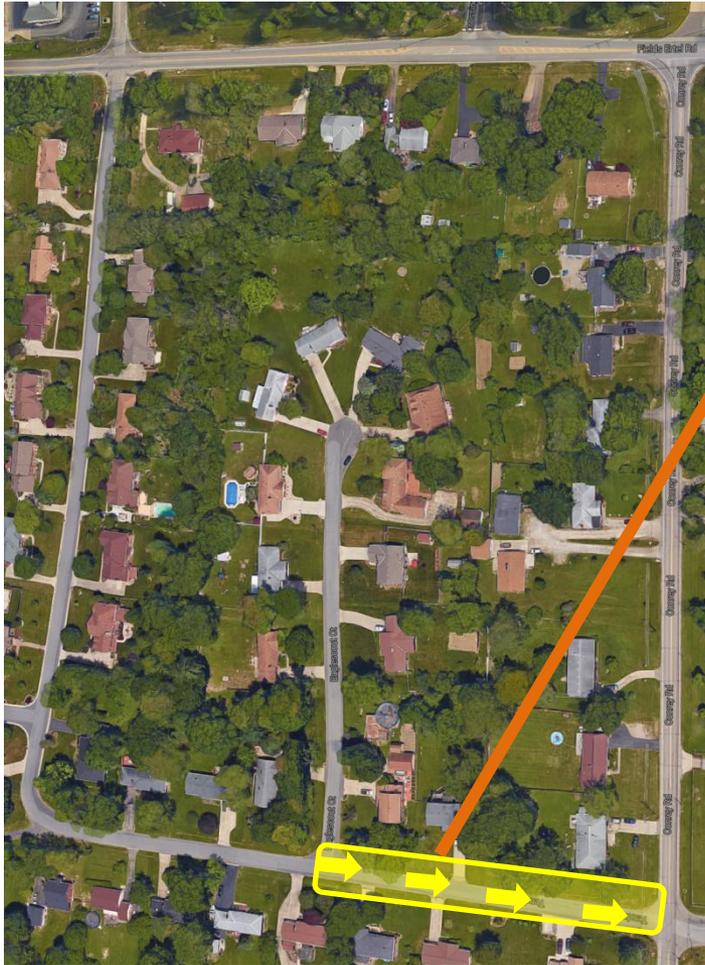
- ✓ Restrict WB Thru Traffic
- ✓ Maintenance
- ✓ Vehicle Turn around
- ✓ Necessitate Private Roadway
- ✓ Administration – Key Card, Delivery Vehicles, etc.



Option #2 – No Left Turn

- ✓ Constant Enforcement Required
- ✓ Easy to Install
- ✓ Inconvenience to residents





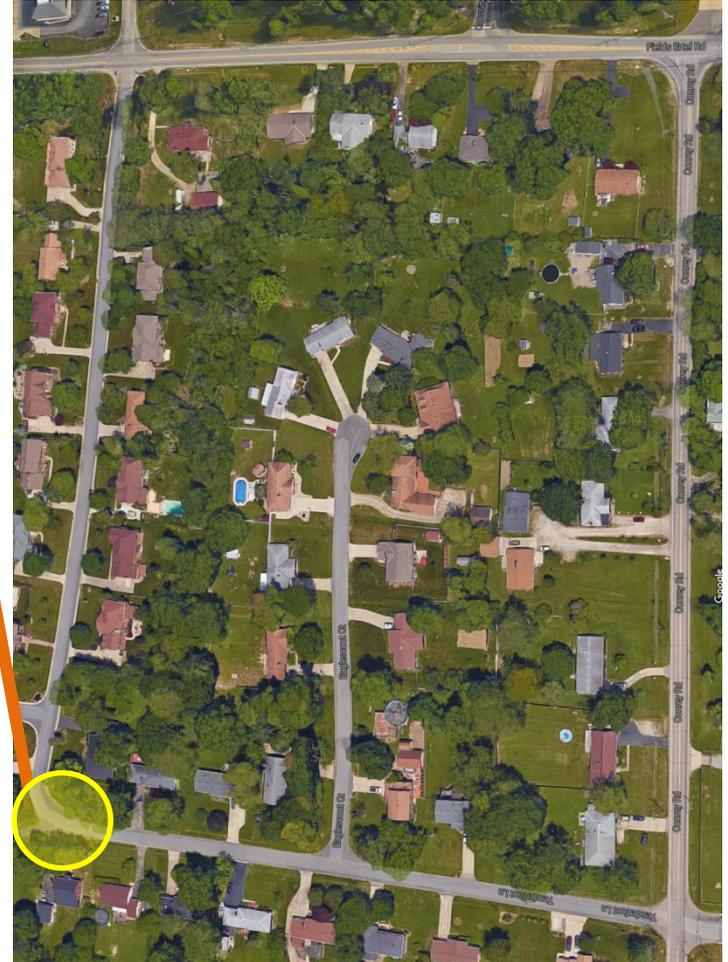
Option #3 – One Way

- ✓ Constant Enforcement Required
- ✓ Easy to Install
- ✓ Inconvenience to residents



Option #4 – Cul-de-sac

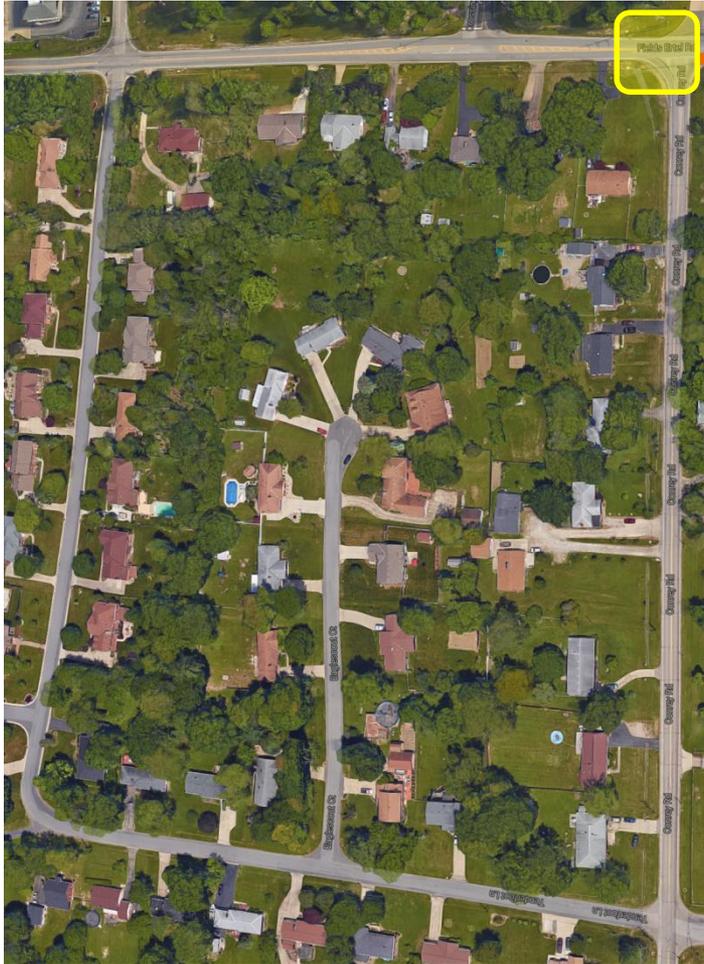
- ✓ Expensive Construction
- ✓ Potential ROW
- ✓ Inconvenience to residents





Option #5 – 4 Way Stop

- ✓ Ease of Construction
- ✓ Increased delay for Fields Ertel
- ✓ Does not eliminate cut thru traffic



Option #6 – Traffic Signal

- ✓ Cost of Construction
- ✓ Maintenance
- ✓ Increased delay for Fields Ertel
- ✓ Does not eliminate cut thru traffic



Option #7 – Roundabout

- ✓ Cost of Construction
- ✓ Does not eliminate cut thru traffic

Option #8 – Traffic Calming

- ✓ Diverter Island, Circular Island, Medians Speed humps
- ✓ Issues
 - ✓ Installation & Maintenance Cost
 - ✓ Limited Effectiveness – Doesn't eliminate traffic
 - ✓ Noise
 - ✓ On Street Parking
 - ✓ Potential to increase speeds
 - ✓ Inconvenience to residents
 - ✓ Emergency Vehicle response time

Implementation Process

- ✓ Site Visit
- ✓ Neighborhood Meeting
- ✓ Neighborhood Poll –% buy in
- ✓ Funding – Neighborhood vs. Township
- ✓ Temporary Installation (if required)
- ✓ Neighborhood Poll –% buy in
- ✓ Permanent Installation (if required)
- ✓ Ongoing Monitoring