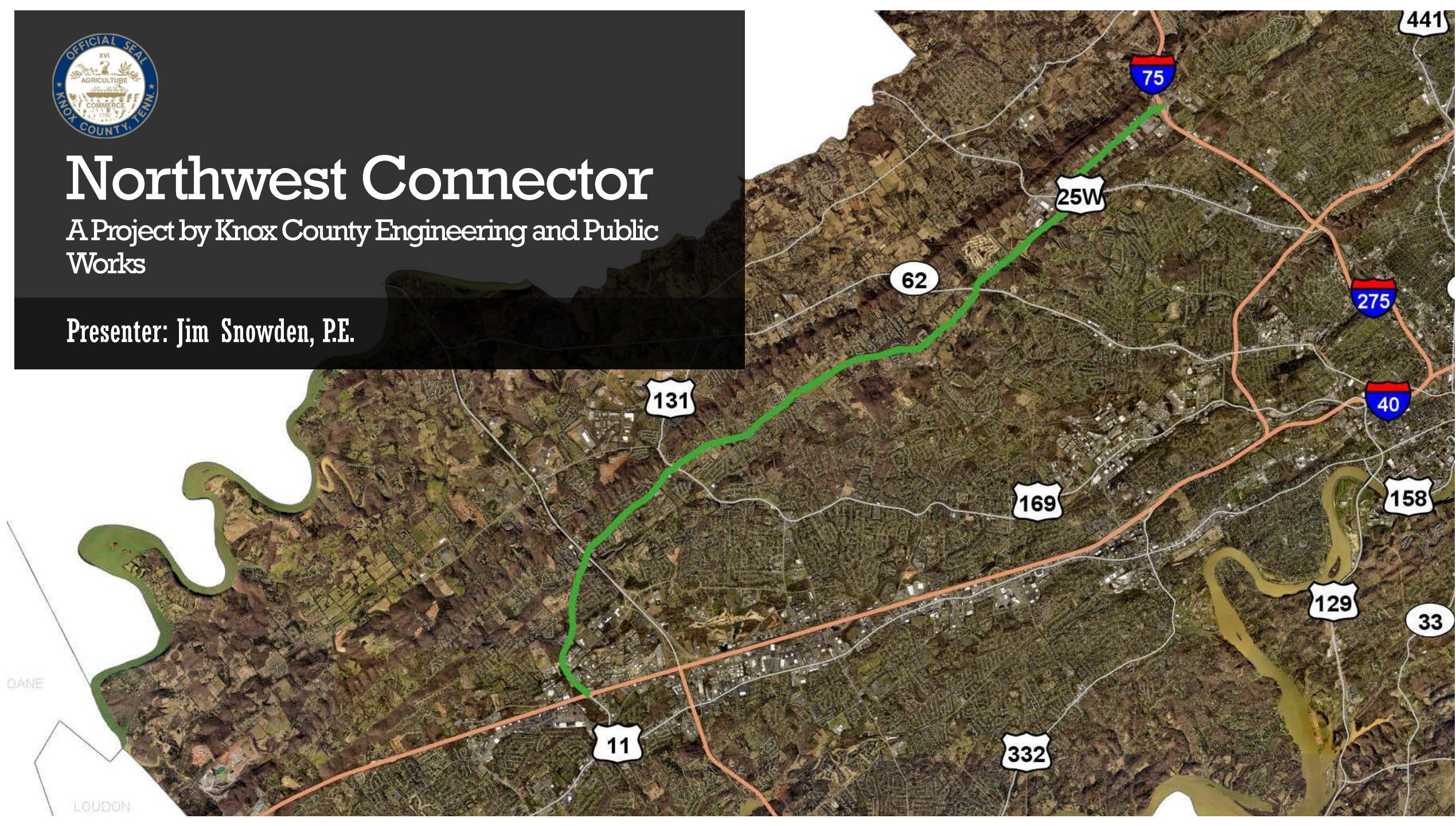




Northwest Connector

A Project by Knox County Engineering and Public Works

Presenter: Jim Snowden, P.E.



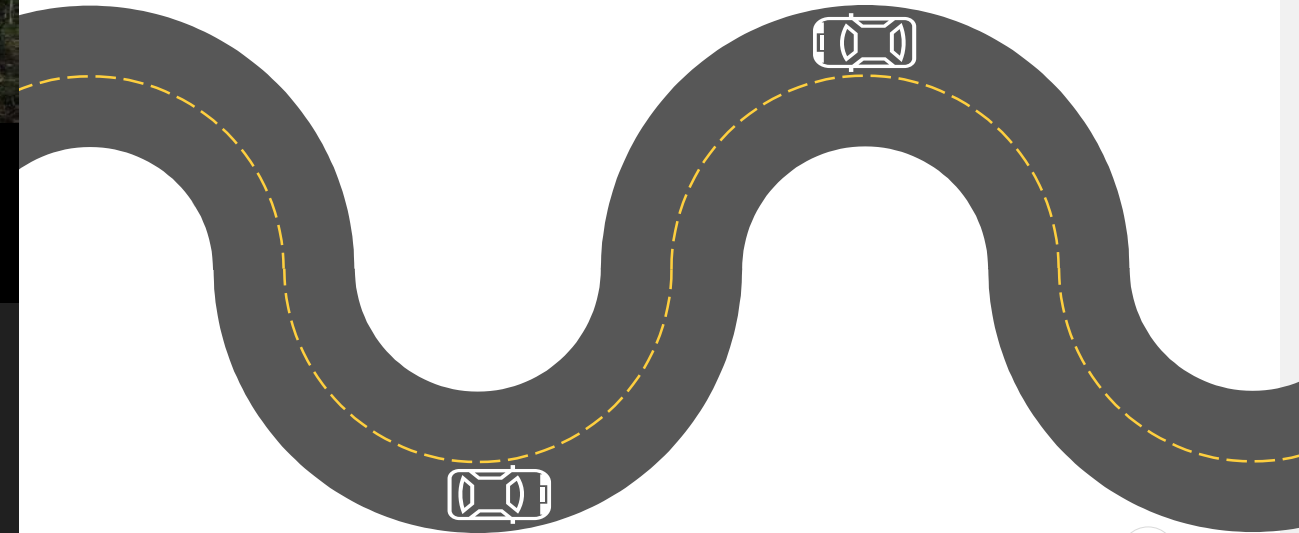


About Presenter:

- Senior Director
- Serve at the county for more than 20 years
- Oversees following departments:
 - Codes Enforcement
 - Fire Prevention Bureau
 - Highway Maintenance
 - Solid Waste and Recycling
 - Stormwater Management

About EPW

Codes Enforcement
Fire Prevention Bureau
Highway Maintenance
Solid Waste and Recycling
Stormwater Management



Topics of Discussion

General Overview

- Why is Knox County proposing the Project
- Scope of the Project
- Other improvements included in Project
- Construction impacts to residents

Completed Projects

- Callahan Drive Phase 1, 2, & 3
- Schaad Road Phase 1
- Lovell Road (TDOT) Phase 1, 2, & 3

Upcoming Projects

- Schaad Road Extension Phase 2 & 3
- Lovell Road Phase 4



Completed Projects

Callahan Drive

Phase 1 – Pleasant Ridge Rd to Clinton Hwy

- Notice to Proceed – Spring 1999
- Completed – Summer 2000
- 31 tracts impacted
- 17,240 ADT (2017 data)
- \$2.3M cost
- 0.43 miles
- Improve linkage between Pleasant Ridge Rd to Clinton Hwy
 - 2 traffic signals
 - 4-lane median divided
 - Sidewalks



Callahan Drive – Pleasant Ridge Rd to Clinton Hwy



Completed Projects

Callahan Drive

Phase 2 – Clinton Hwy to Keck Rd

- Notice to Proceed – Spring 1999
- Completed – Summer 2001
- 27 tracts impacted
- 24,418 ADT (2017 data)
- \$1.4M cost
- 1.08 miles
- New alignment construction
 - 1 traffic signal
 - 4-lane median divided
 - Sidewalk



Callahan Drive – Clinton Hwy to Keck Rd



1996 Aerial



2003 Aerial

Completed Projects

Callahan Drive

Phase 3 – Keck Rd to I-75

- Notice to Proceed – Spring 2002
- Completed – Fall 2003
- 53 tracts impacted
- 26,644 ADT (2017 data)
- \$2.0M cost
- 0.78 miles
- Final phase connecting to the Interstate
 - 4-lane median divided
 - Sidewalk
 - Improved access for UPS



Callahan Drive – Keck Rd to I-75



1998 Aerial

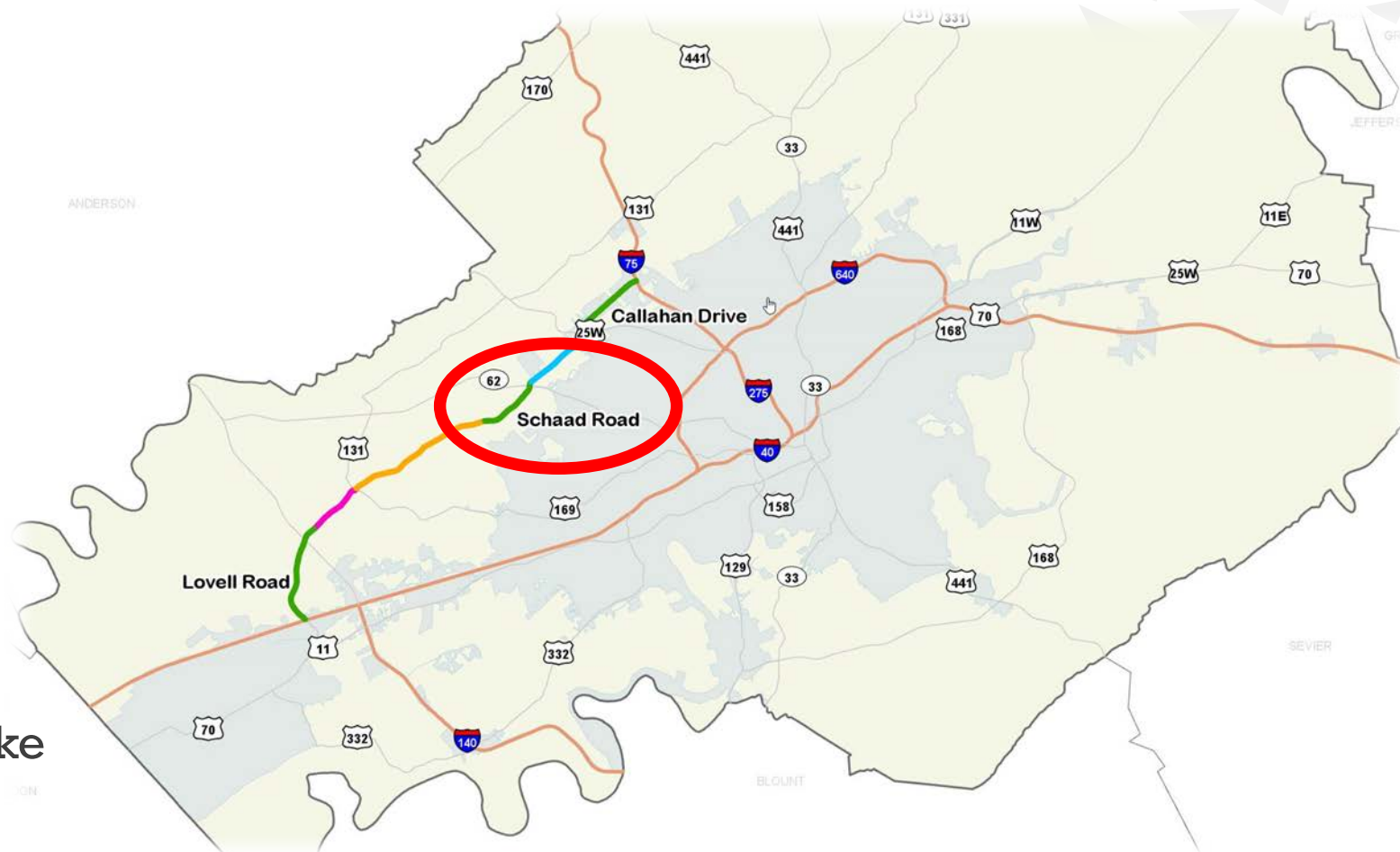


2003 Aerial

Completed Project

Schaad Road - Western Ave to Glenlake S/D

- Notice to Proceed – Fall 2006
- Completed – Winter 2008
- 42 tracts impacted
- 1,433 ADT (2017 data)
- \$10.0M cost
- 1.61 miles
- Re-alignment of Ball Camp Pike and Schaad Road
 - 1 traffic signal
 - 4-lane median divided
 - Sidewalk



Schaad Road – Western Ave to Glenlake S/D

Previously Completed



Lovell Road (TDOT)

Phase 1 – I-40 to Gilbert Ln

- Notice to Proceed – Summer 2000
- Completed – Summer 2002
- 33 tracts impacted
- 18,840 ADT (2017 data)
- \$3.3M cost
- 0.54 miles
- Improved intersection of Lexington Dr w/ Signalization



Lovell Road (TDOT) – I-40 to Gilbert Ln

Previously Completed

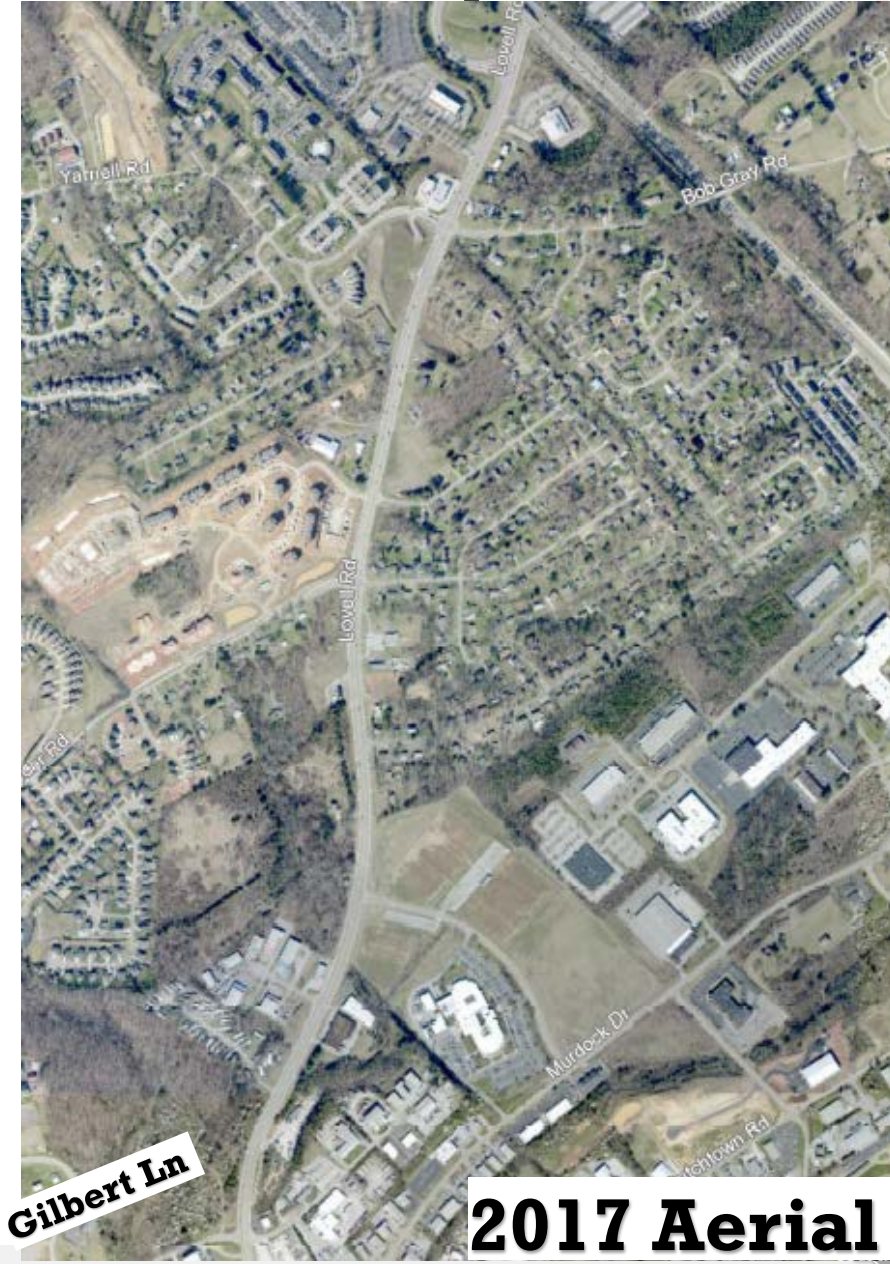


Lovell Road (TDOT)

Anderson County, South Carolina, map showing major roads and highways. Lovell Road is highlighted in green and circled in red. Other roads shown include Callahan Drive, Schaad Road, and various state and federal highways.

- Notice to Proceed – N/A
- Completed – Summer 2011
- 52 tracts impacted
- 21,530 ADT (2017 data)
- \$7.2M cost
- 1.28 miles
- Re-aligned intersections at Alameda & Snyder Rd and Bob Gray & Yarnell Rd w/ signalization

Lovell Road (TDOT) – Gilbert Ln to Bob Gray Rd



Completed Project

Lovell Road (TDOT)

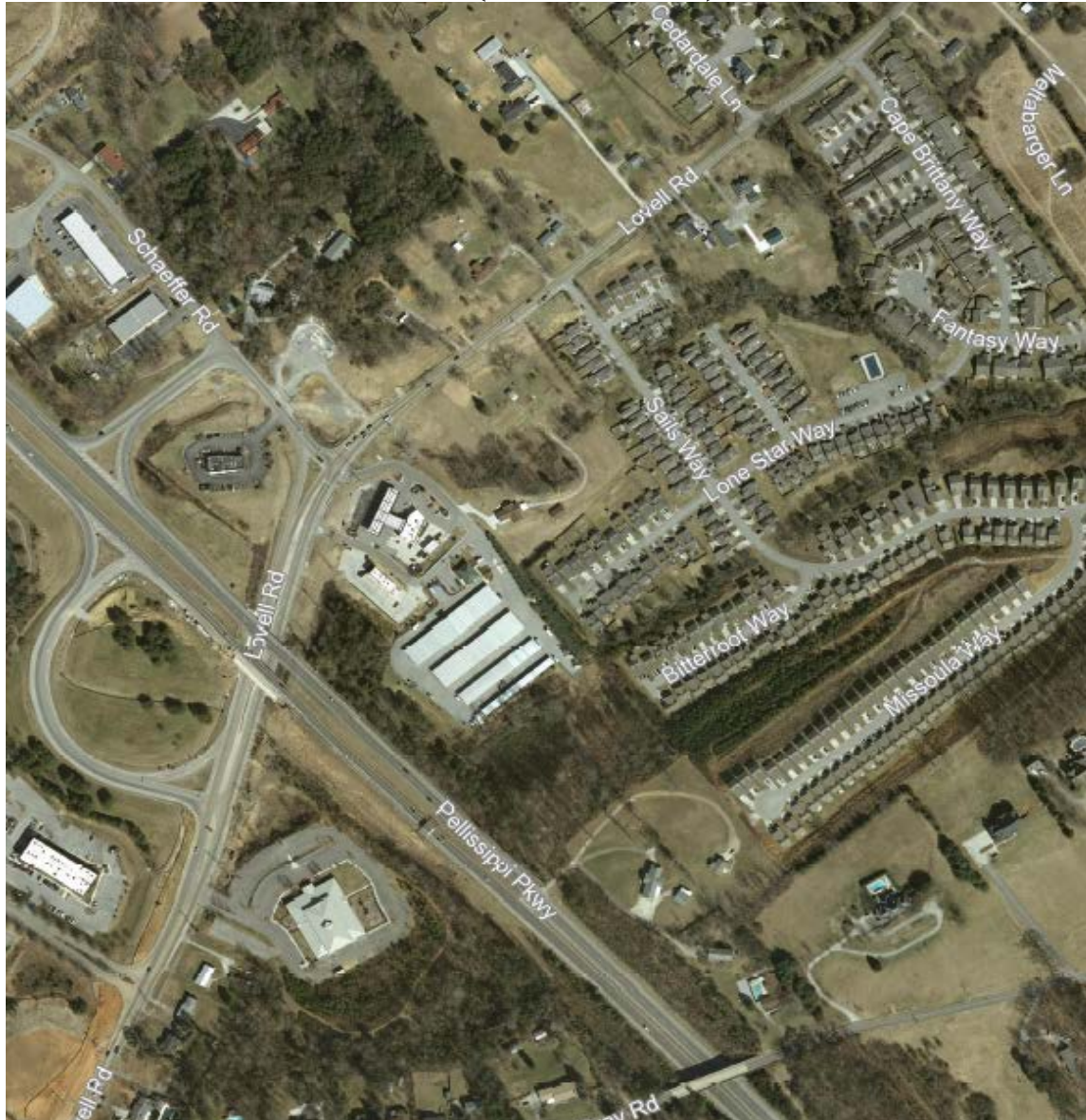
Phase 3 – Bob Gray Rd to Cedardale Ln

- Notice to Proceed – N/A
- Completed – Fall 2012
- 28 tracts impacted
- 21,530 ADT (2017 data)
- \$3.8M cost
- 0.68 miles
- Improved interchange w/ northbound Pellissippi Pkwy & Schaeffer Rd including signalization



Lovell Road (TDOT) – Bob Gray Rd to Cedardale Ln

Previously Completed



2010 Aerial



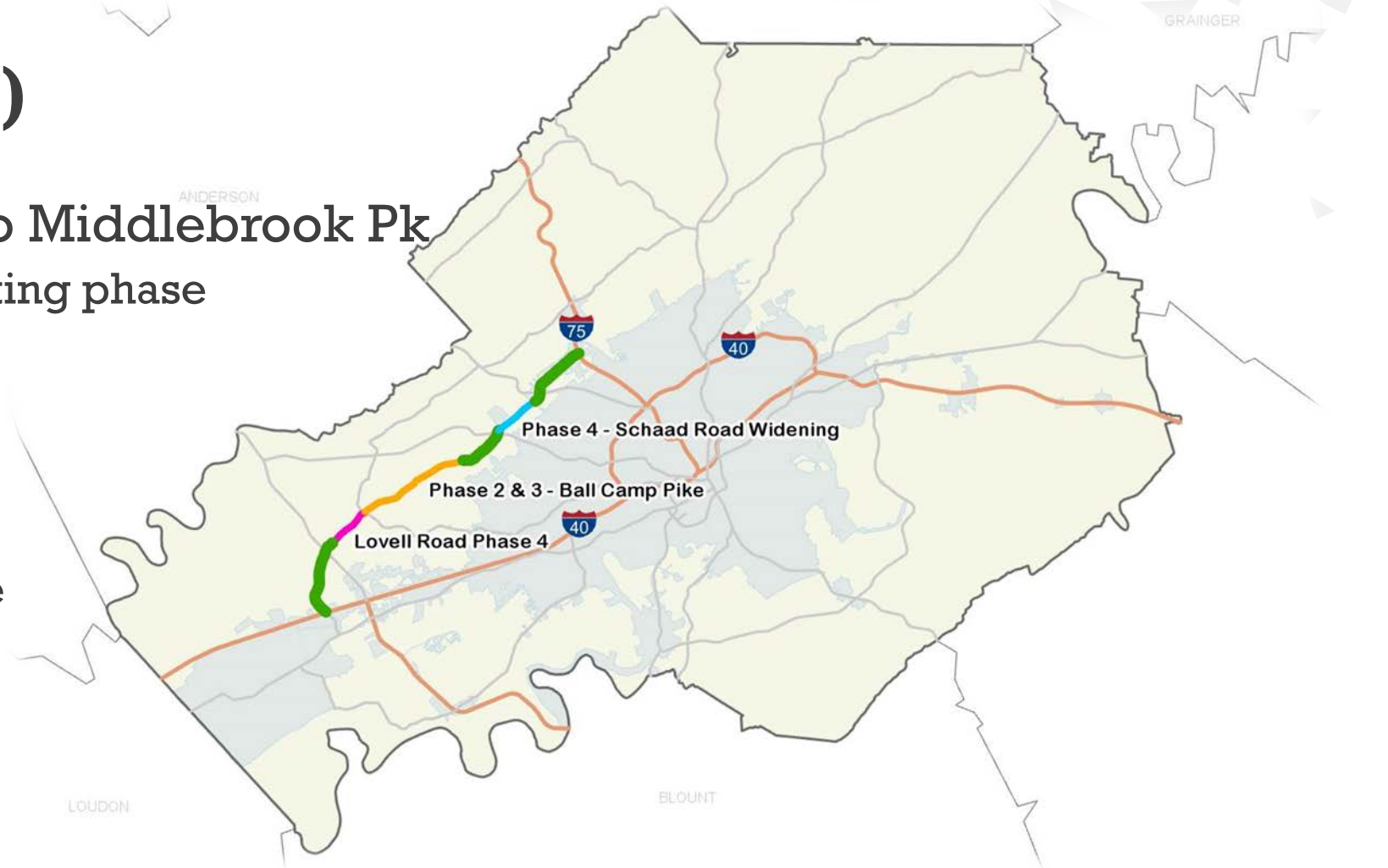
2017 Aerial

Upcoming Project

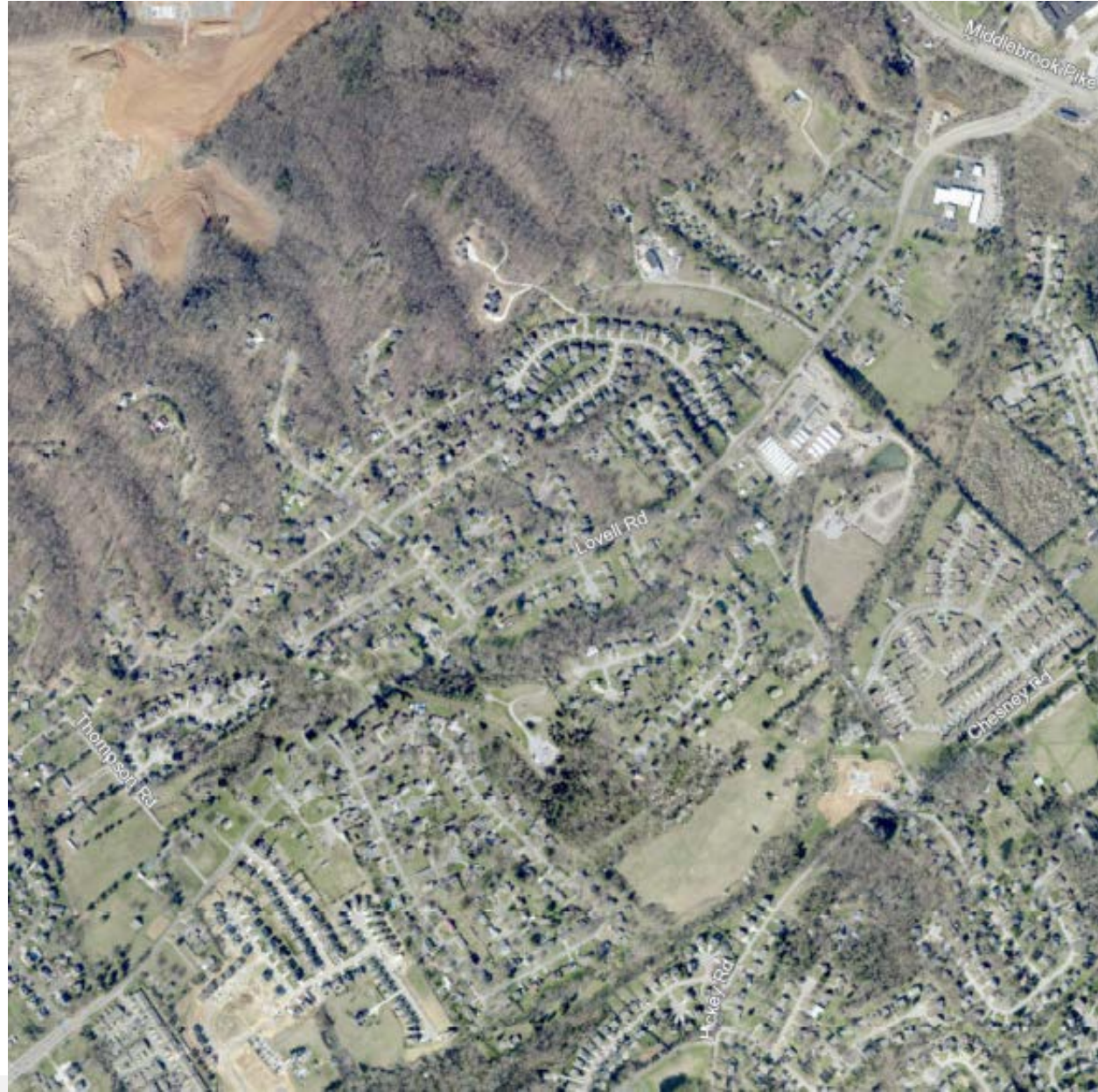
Lovell Road (TDOT)

Phase 4 – Cedardale Ln to Middlebrook Pk

- Currently in NEPA Permitting phase
- Notice to Proceed – TBD
- Completed – TBD
- 97 tracts impacted
- 1.41 miles
- 5-lane w/ center turn lane & sidewalks



Lovell Road (TDOT) – Cedardale Ln to Middlebrook Pk



Upcoming Project

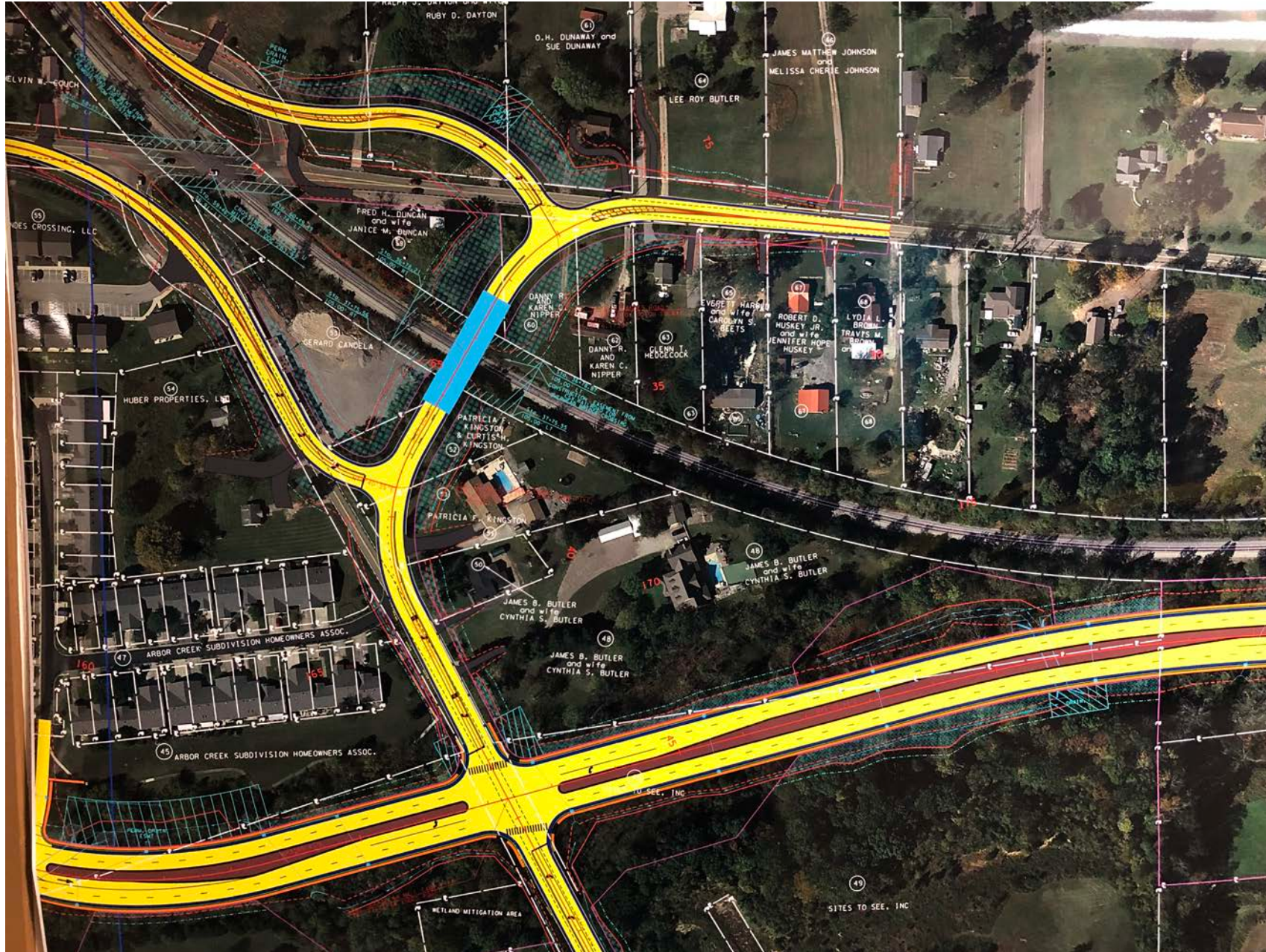
Schaad Rd Extension

Phase 2 – Middlebrook Pk to Ball Rd

- Notice to Proceed – Summer 2019
- Completed – TBD
- 101 tracts impacted
- \$15.3M cost
- 1.6 miles
- New alignment construction
 - 4-lane median divided
 - Sidewalks
 - Andes Rd re-align w/ 100' bridge to eliminate at-grade RR crossing



Schaad Rd Extension



Upcoming Project

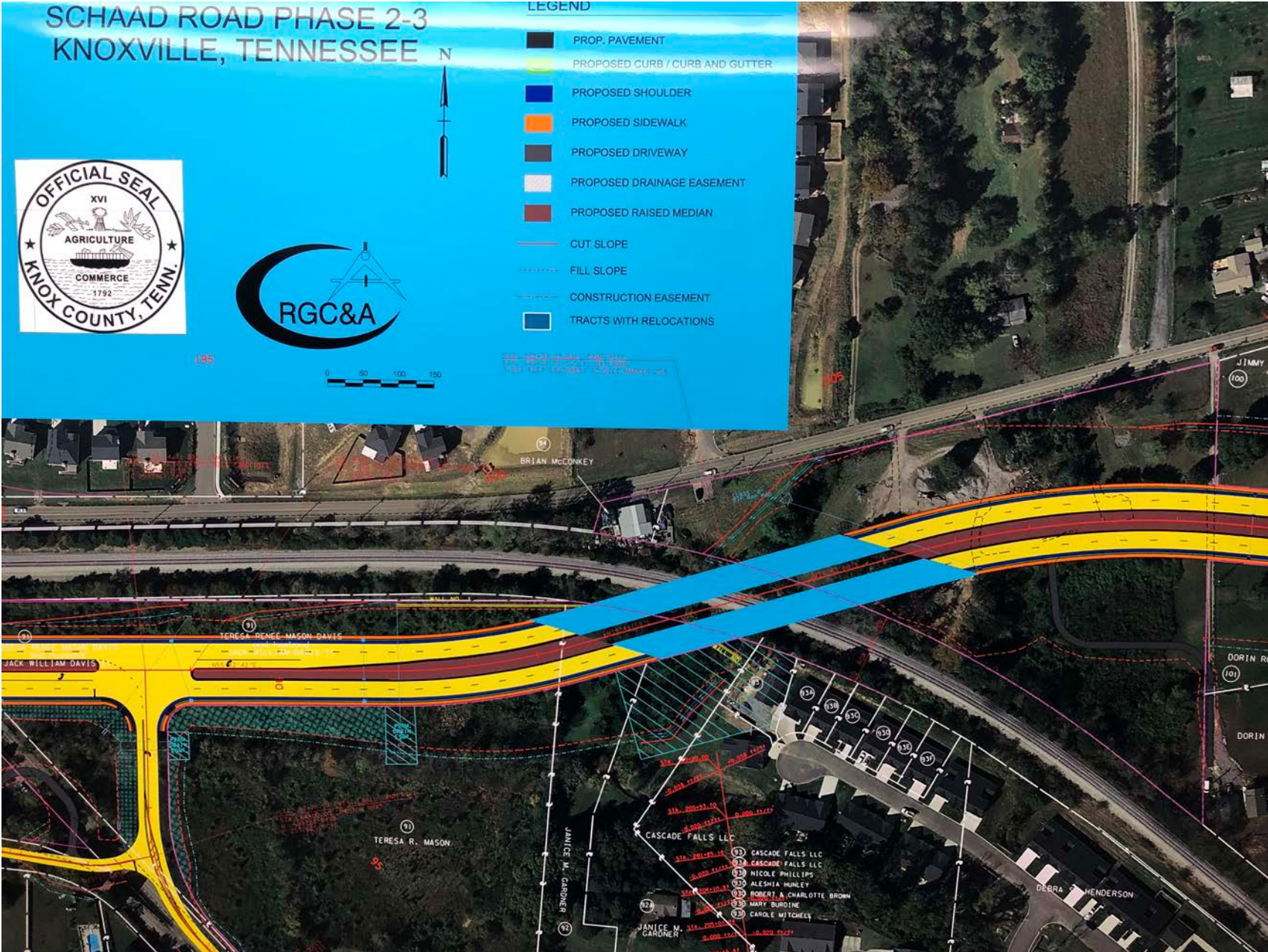
Schaad Rd Extension

Phase 3 – Ball Rd to Glenlake S/D

- Notice to Proceed – Summer 2019
- Completed – TBD
- 50 tracts impacted
- \$17.7M cost
- 1.79 miles
- New alignment construction
 - 4-lane median divided
 - Sidewalks
 - Twin 447'-6" bridges to eliminate at-grade RR crossing



Schaad Rd Extension



Upcoming Project

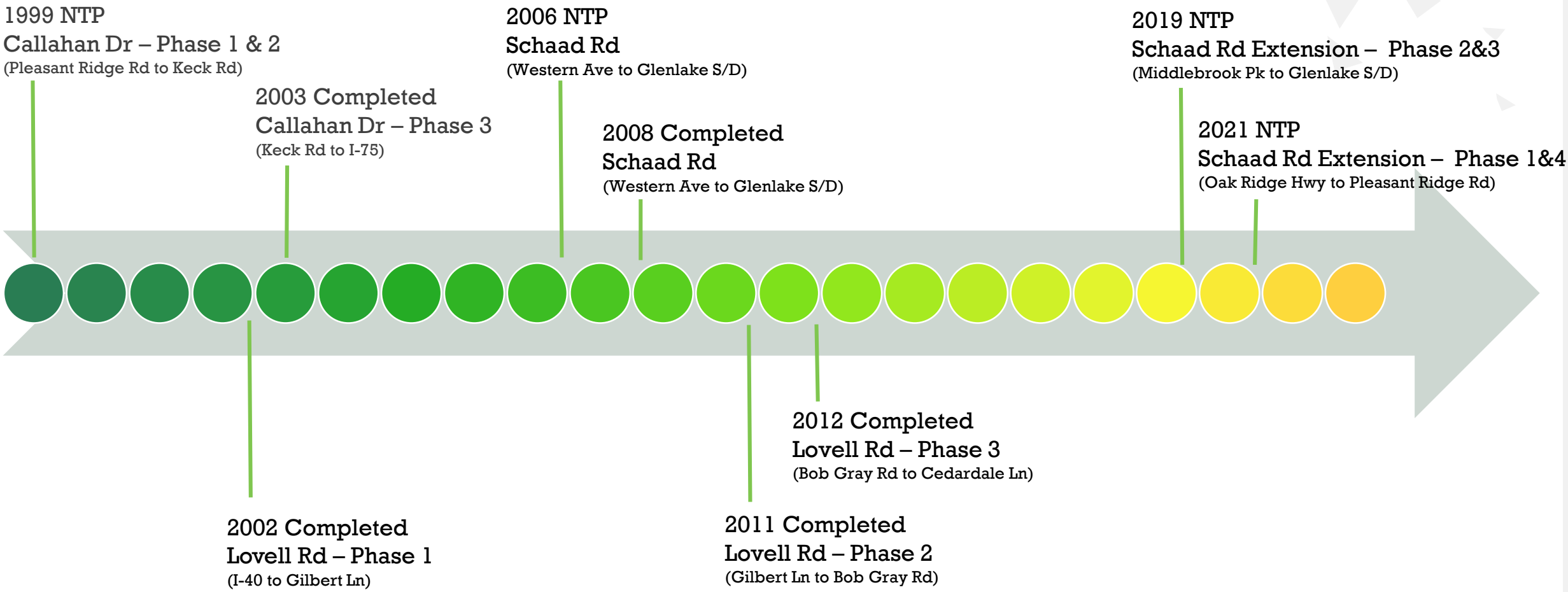
Schaad Rd Extension

Phase 4 – Oak Ridge Hwy to Pleasant Ridge Rd

- Currently in final design phase
- 4-lane w/ median & sidewalks
- Intersection modifications at Pleasant Ridge Rd
- 59 tracts impacted
- Cost = \$11.9M
- 1.5 miles



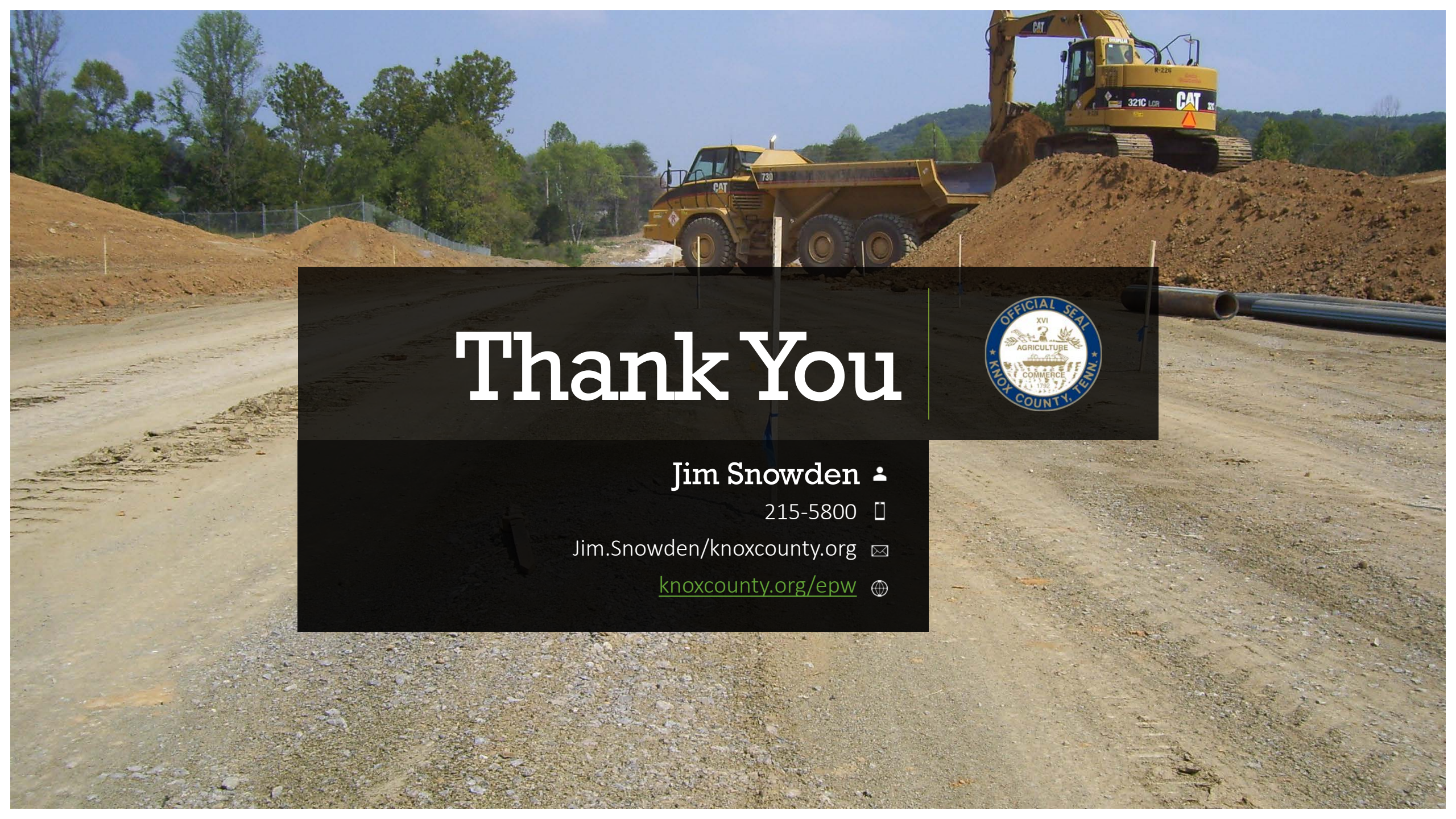
Timeline



Project TOTALS

- Total Tracts = 476
- Total Mileage = 13 miles
- Total Cost = \$74.9M





Thank You



Jim Snowden 

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knoxcounty.org/epw 