



Regional Roadway System

VISIONING STUDY UPDATE

TRAFFIC MODELING, ALTERNATIVE
EVALUATION & PUBLIC INVOLVEMENT



Kimley»Horn

City Council Update

February 2022

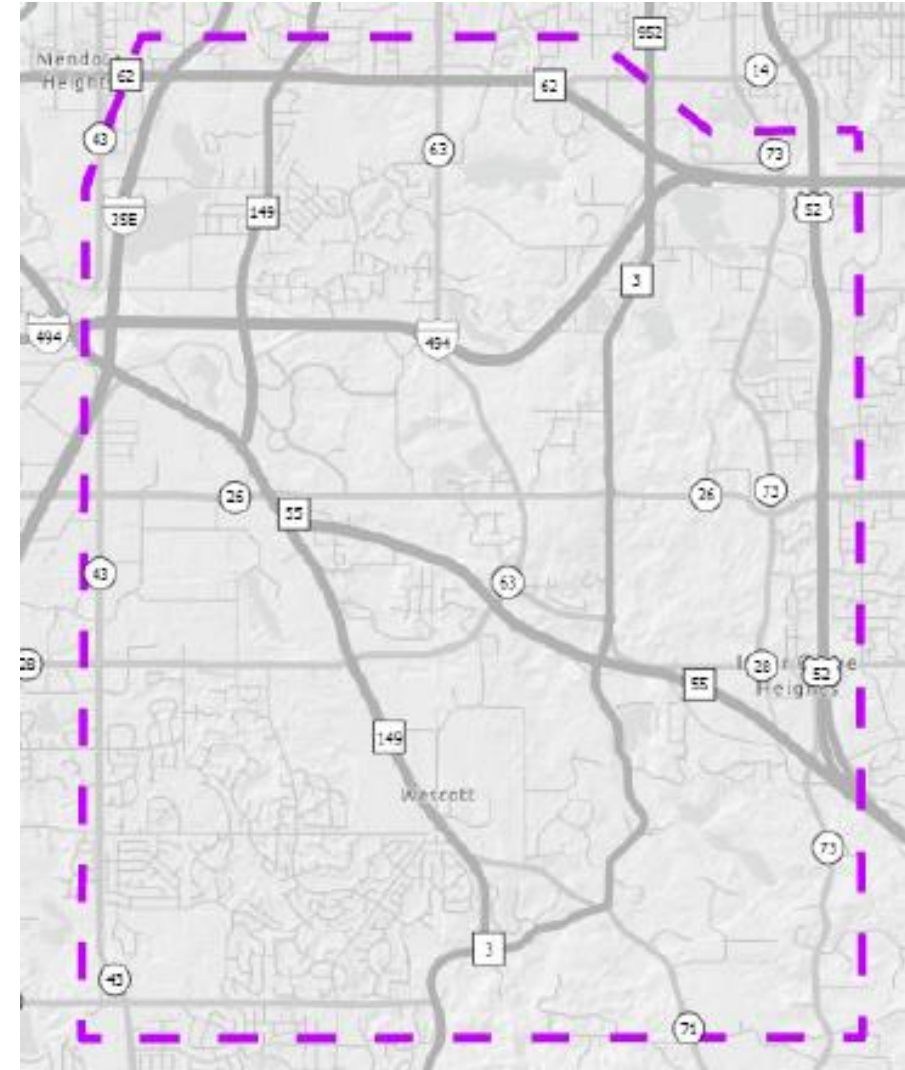
Agenda

- Project Overview
- Traffic Analysis/Forecasting
- Schedule

Project Overview

Study Area

- Study area bounded by:
 - TH 62
 - TH 52
 - I-35E/Lexington Ave
 - County Road 30 (Diffley Rd)



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Need for Project

- Regional Roadway System Visioning Study (RRSVS) 2010
- Development and transportation improvements
 - Viking Lakes development
 - TH 55/Argenta intersection
 - Lone Oak Rd/70th St West construction
- 2040 Comprehensive Plans
 - Less intense development
- Revisit recommendations

Study Goals and Objectives

Goal:

Updated roadway system plan that supports future growth and development and is supported by affected jurisdictions

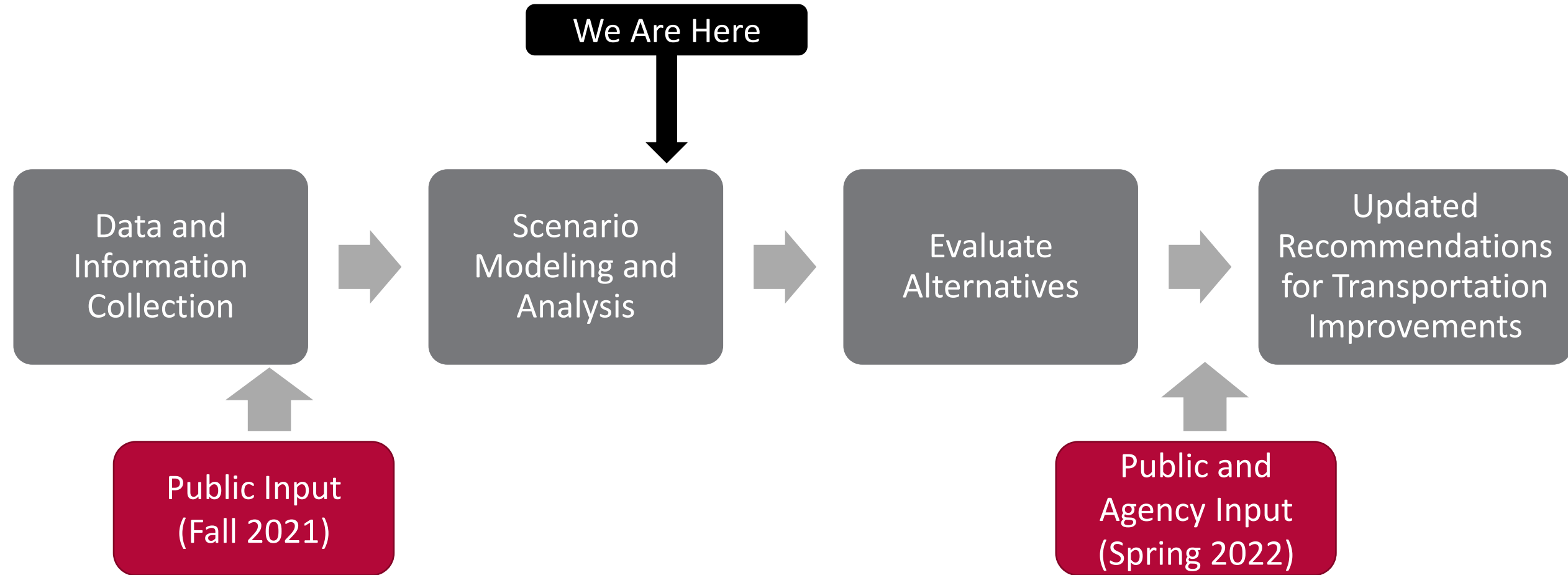
Objectives:

1. Support future growth and development
 - a. Meet existing needs
 - b. Provide capacity for planned land use
2. Optimize investments
 - a. Access to regional transportation system
 - b. Adequately spaced arterial roadways
 - c. Fiscally responsible
 - d. Address operations and safety needs
 - e. Limit impacts to fully developed communities

Project Scope

- Develop 2040 traffic analysis and forecasting
- Analyze beyond 2040
- Evaluate alternatives
 - 2010 study
 - Current and future lane use
- Develop recommendations
 - Need and type of each improvement
 - Design and timing not studied
 - Implementation driven by development and rate of traffic growth

Project Process



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Traffic Analysis and Forecasting



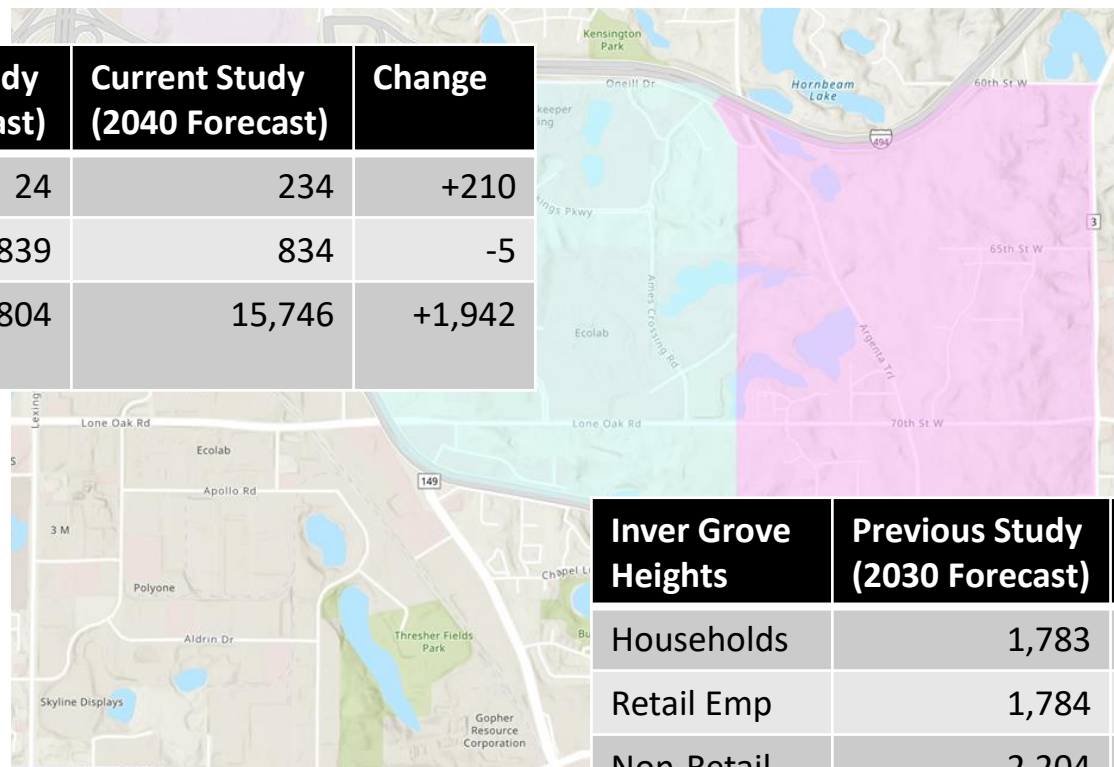
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Forecast Development

- More households forecast in 2040 compared to 2030
- Employment forecast in 2040 compared to 2030
 - Less retail employment
 - More non-retail employment

Eagan	Previous Study (2030 Forecast)	Current Study (2040 Forecast)	Change
Households	24	234	+210
Retail Emp	839	834	-5
Non-Retail Emp	13,804	15,746	+1,942



Inver Grove Heights	Previous Study (2030 Forecast)	Current Study (2040 Forecast)	Change
Households	1,783	2,309	+526
Retail Emp	1,784	442	-1,342
Non-Retail Emp	2,204	704	-1,500

2030 and 2040 Traffic Forecasts



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Roadway Classification	2007-2030 Growth	2014-2040 Growth
Interstate	22%	7%
Trunk Highway	38%	27%
Local	133%	38%
Total	51%	21%

- Lower growth rate compared to 10 years ago
- Some anticipated growth has occurred since 2014
 - Less remaining growth to meet future targets

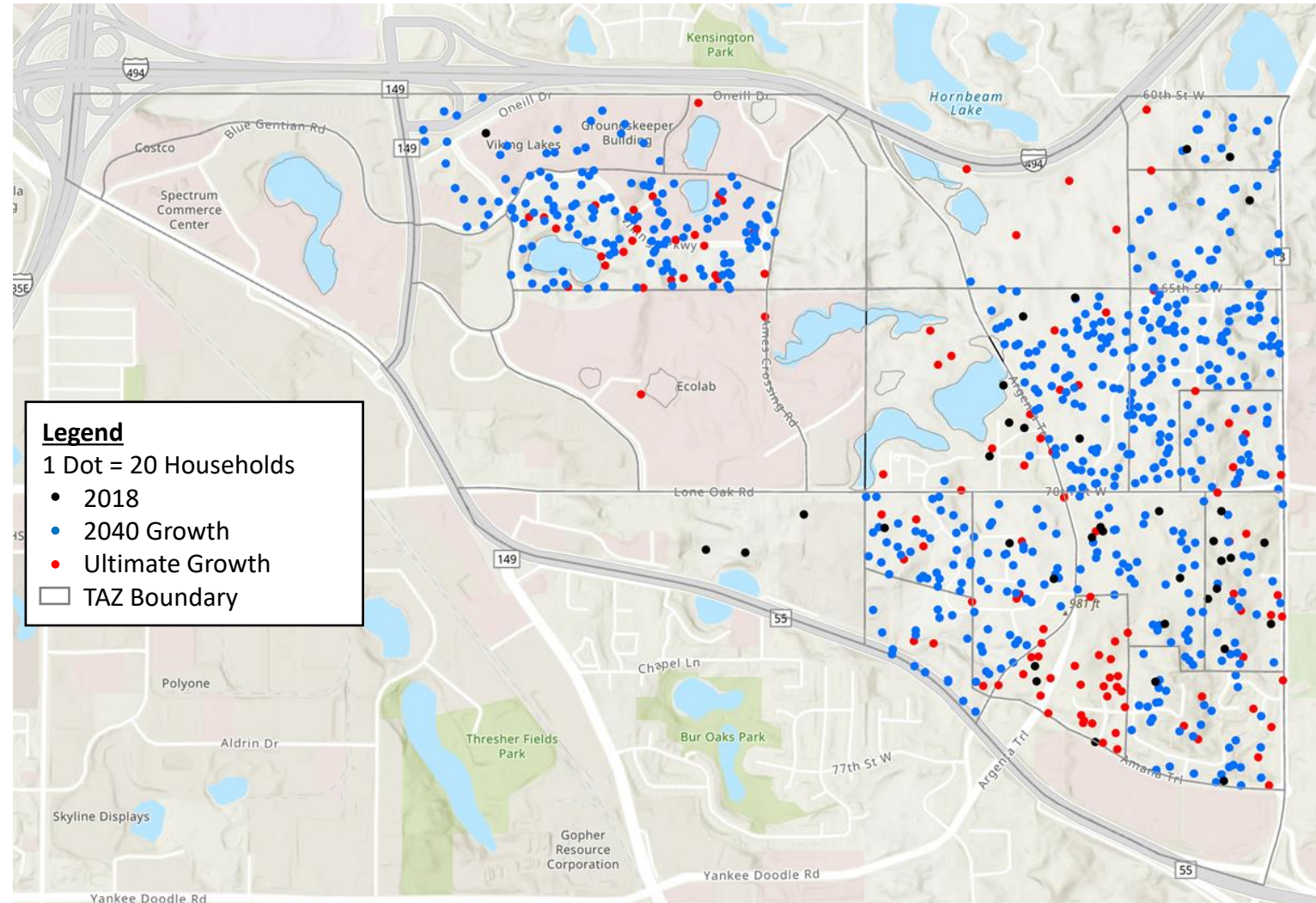


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Beyond 2040 Forecast - Households

- Most residential development complete by 2040



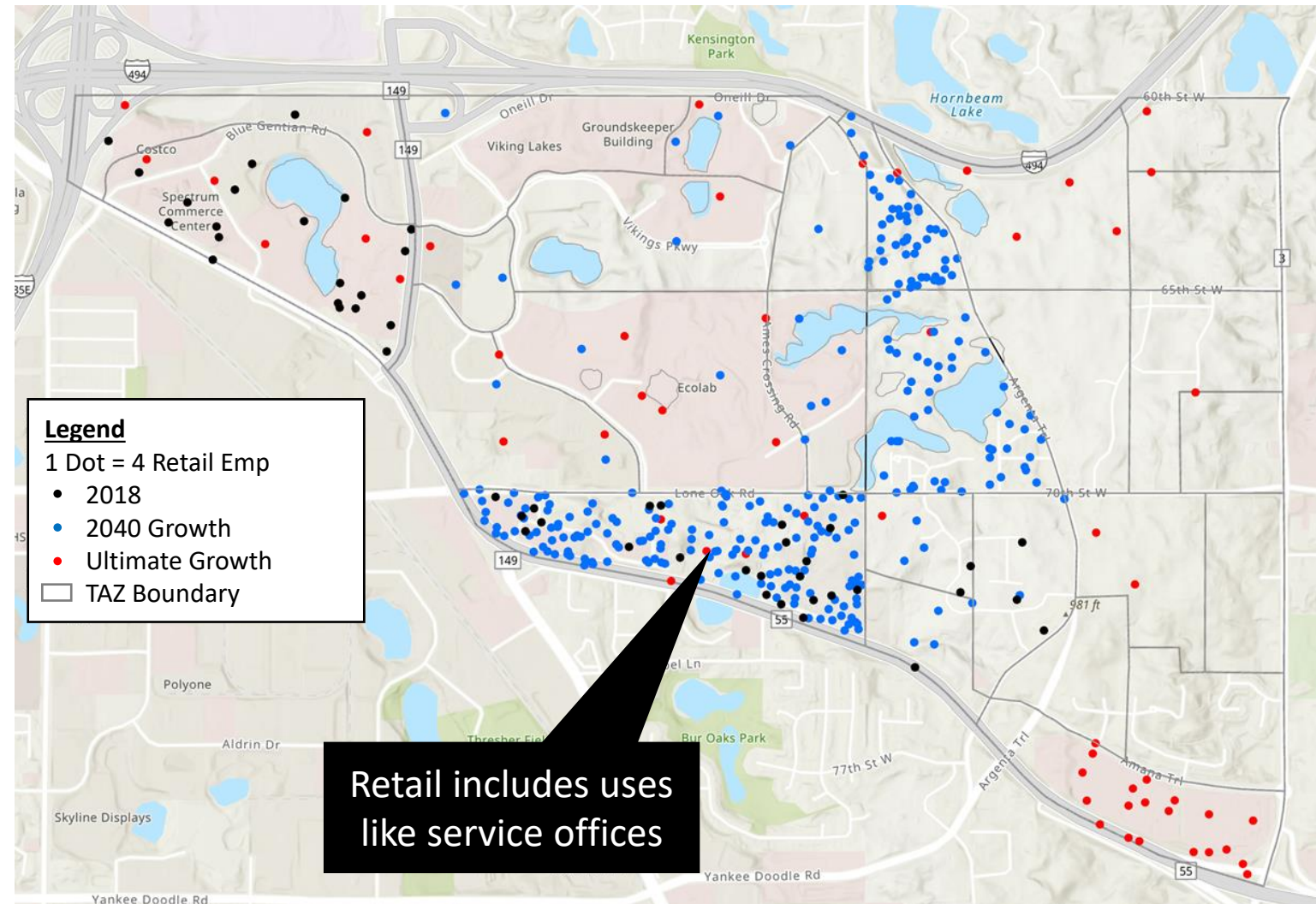


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Beyond 2040 Forecast – Retail Employment

- Most retail anticipated to fill in by 2040



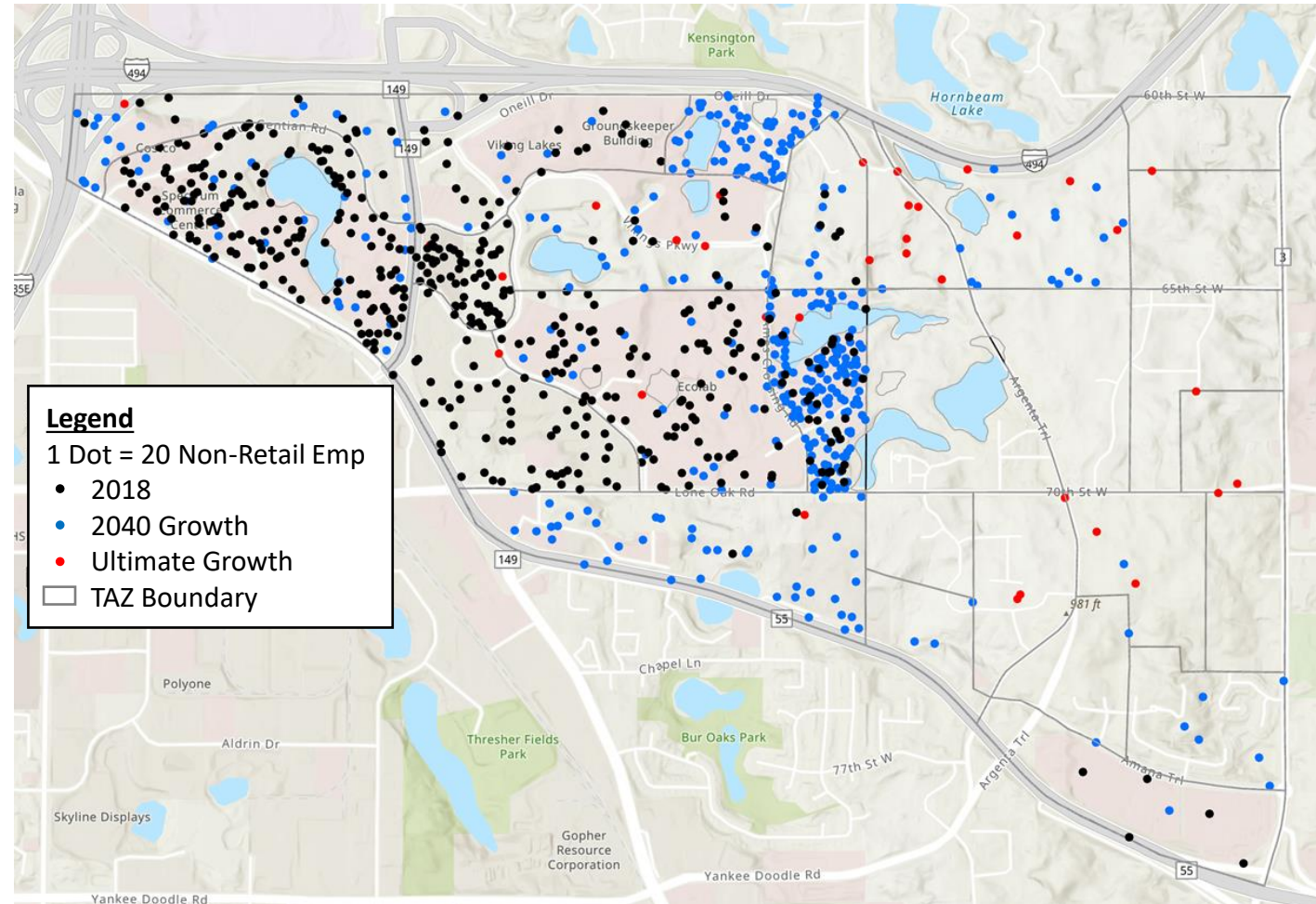


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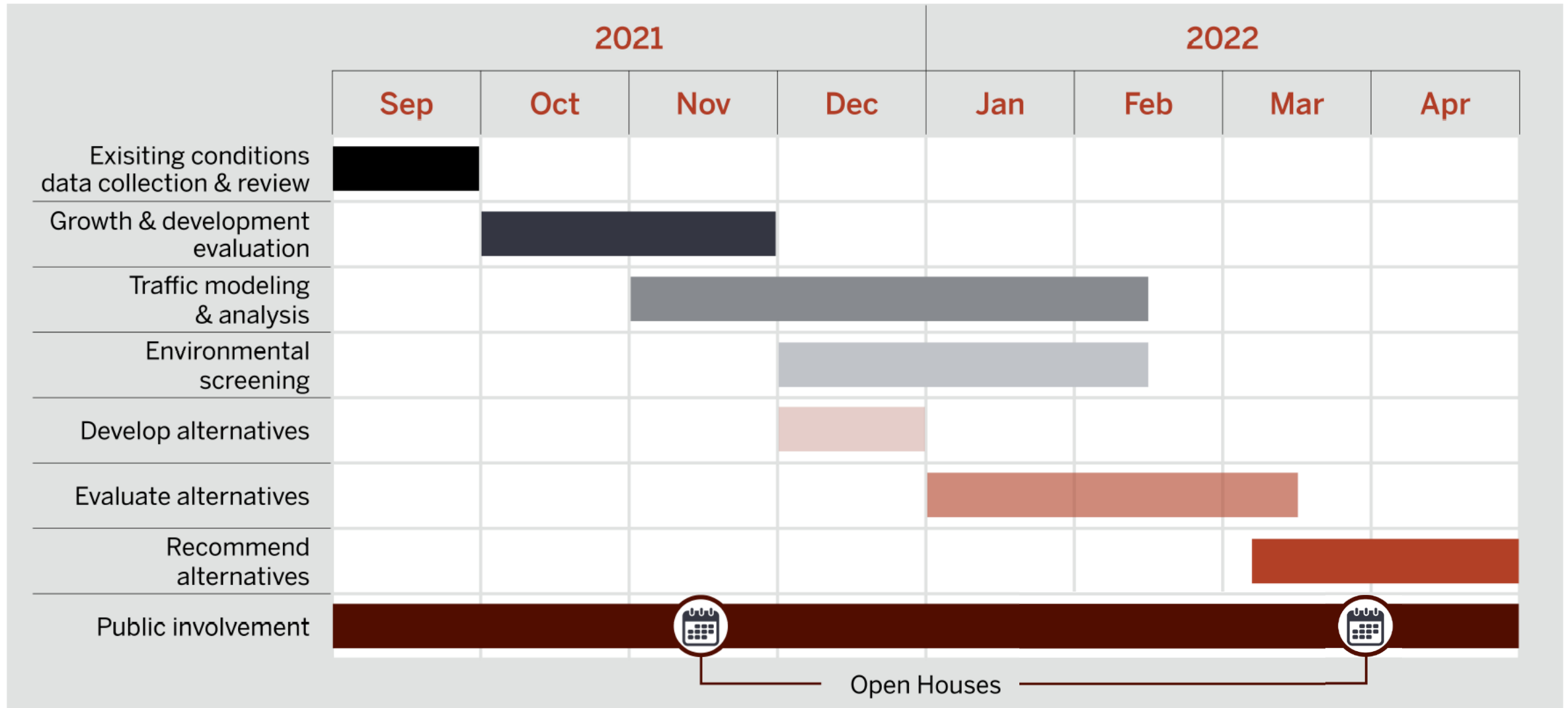
Beyond 2040 Forecast – Non-Retail Employment

- Trend away from multi-story office to warehouse and light industrial



Schedule

Schedule



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Questions?