



69 EXPRESS

IT TAKES A VILLAGE

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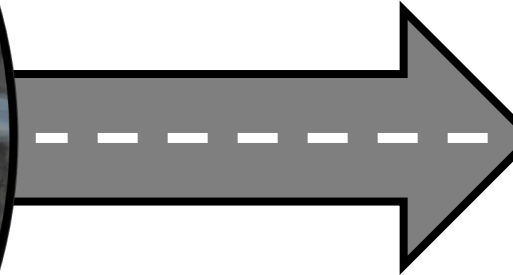


Congestion

Safety

Infrastructure

**IT TAKES
A VILLAGE**

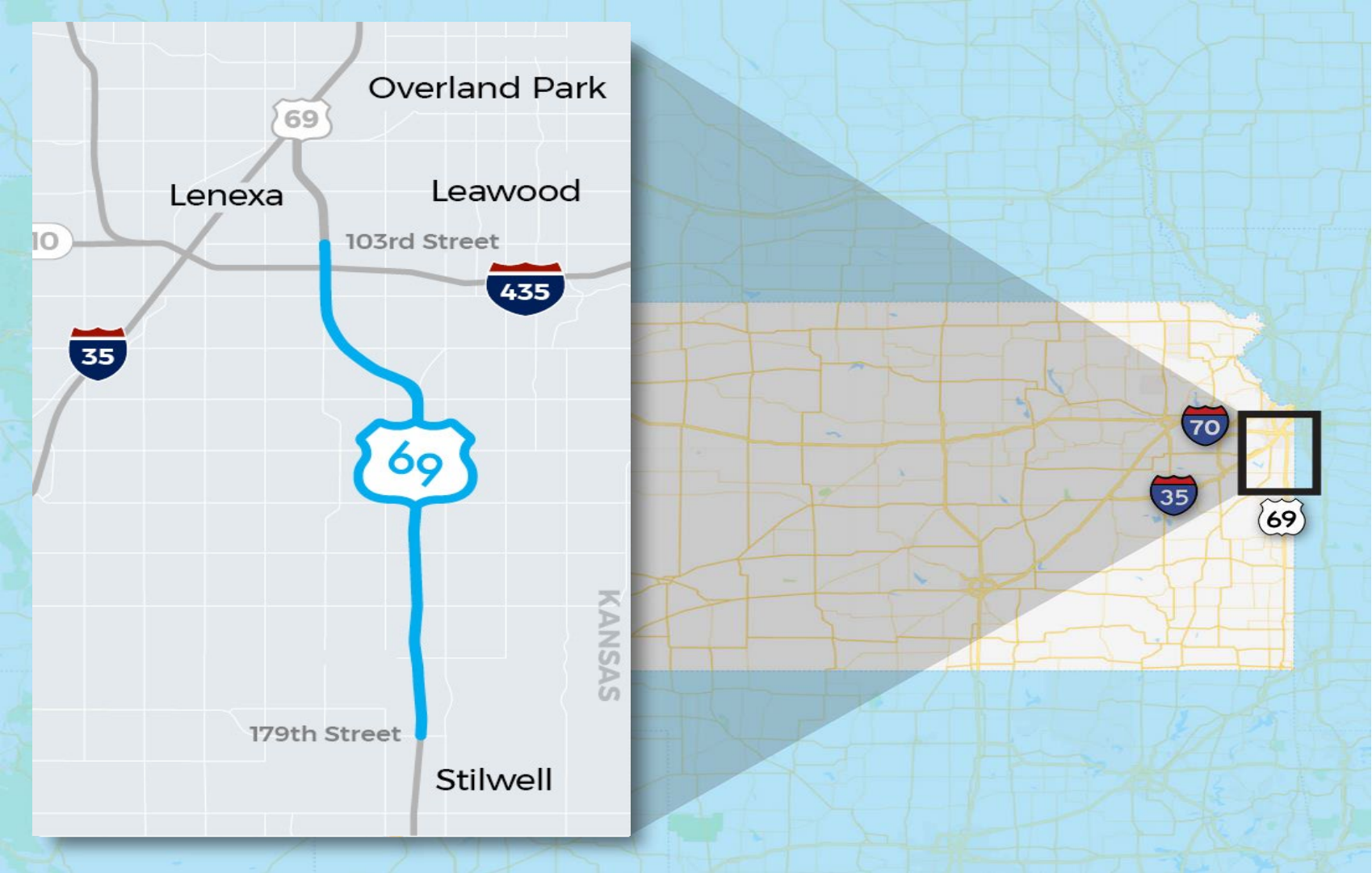


Express Lanes

Reconfiguration

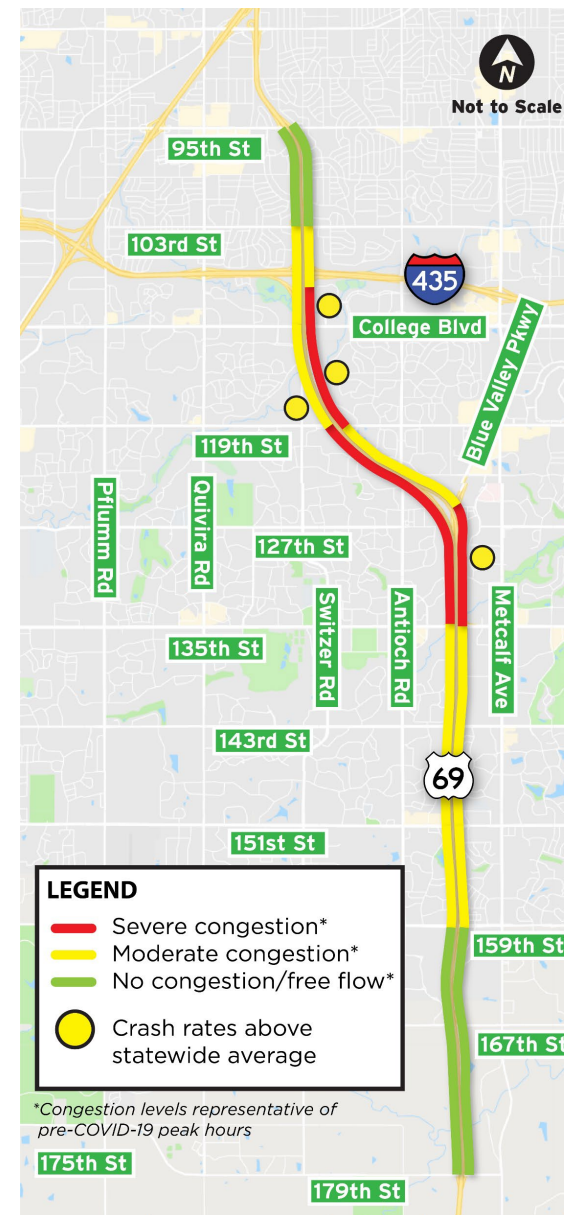
Reconstruction

PROJECT OVERVIEW



US-69 CORRIDOR PROBLEMS

- Carries over 80,000 vehicles per day
- Extensive congestion north of 159th St
- Travel times are unpredictable
- Traffic expected to grow
- Crash rates 53% above the statewide average
- Pavement and bridges are 50 years old
- Area population expected to grow by 32% from 2020 to 2050



Free Flow



2017 Peak Periods

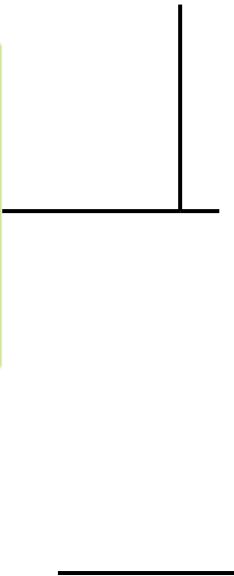


2040 Peak Periods

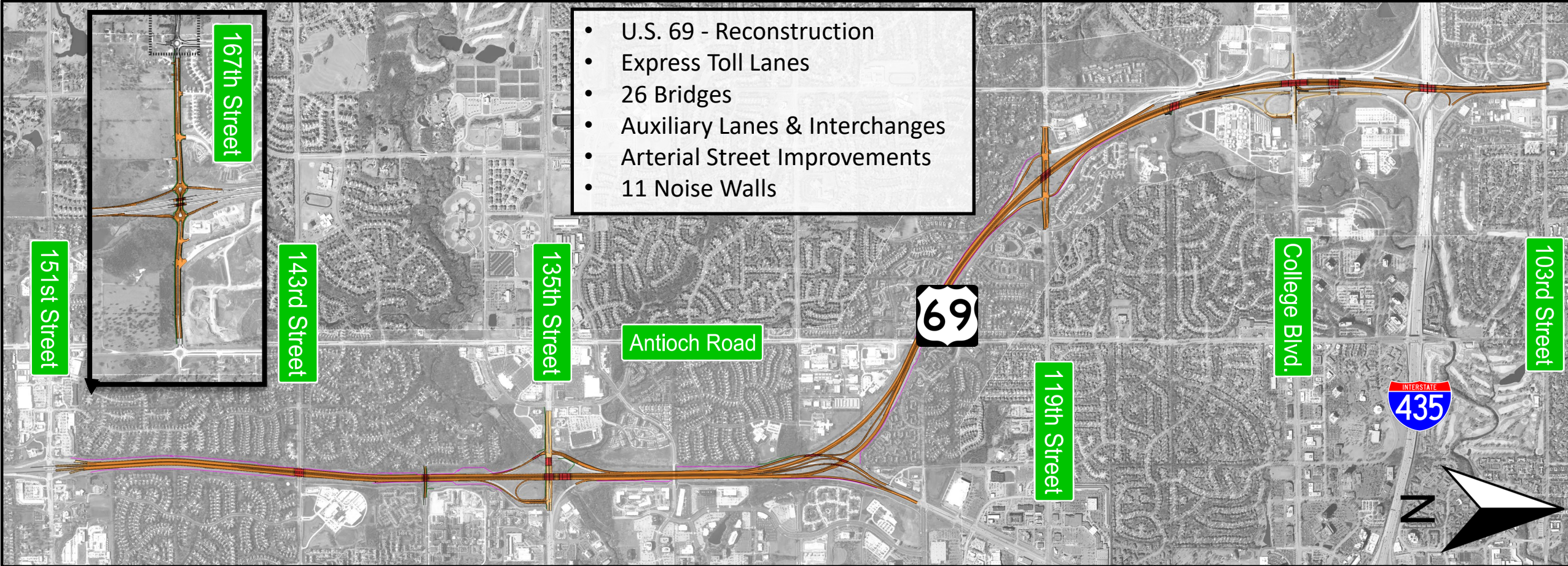


PROJECT TEAM

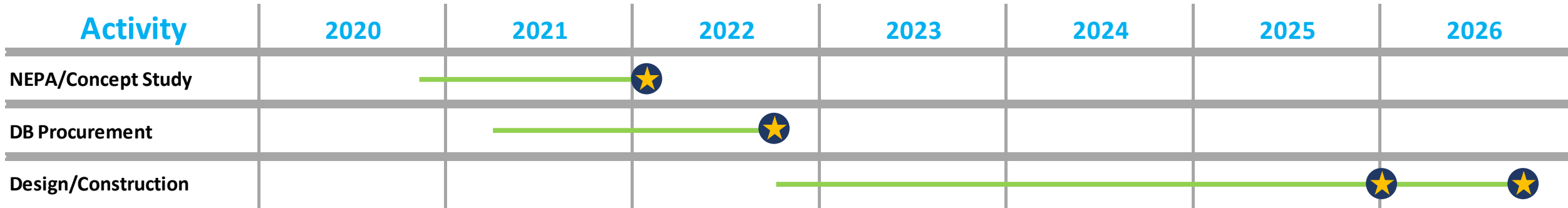
OWNER TEAM



69EXPRESS PROJECT IMPROVEMENTS



PROJECT TIMELINE



PROJECT CHALLENGES

▶ NEPA

PROCUREMENT

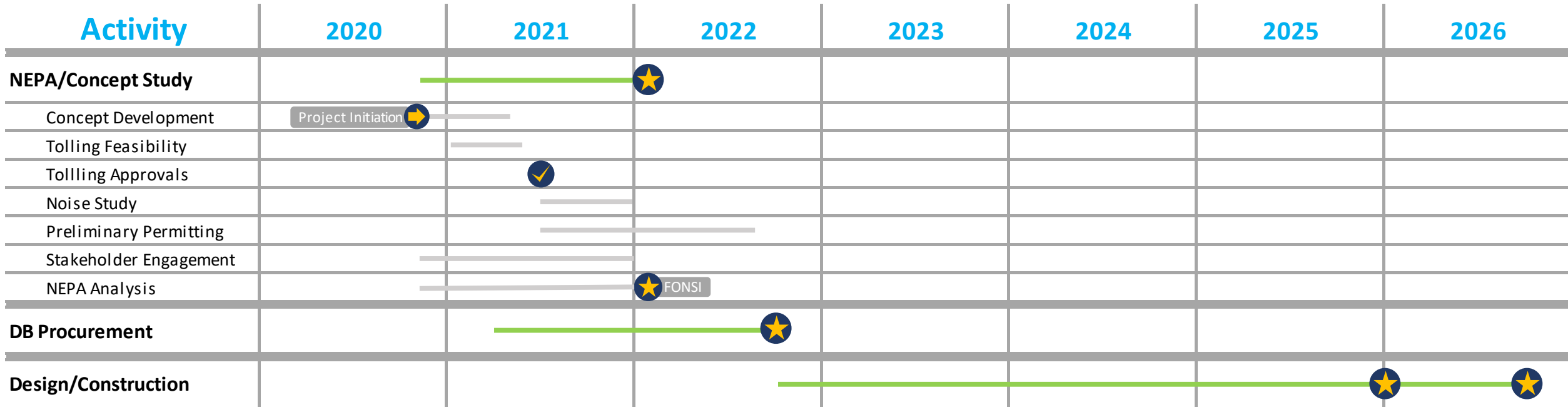
DELIVERY



NEPA CHALLENGES

- Speed
- Pandemic
- Kansas 1st Express Lane

NEPA SCHEDULE





NEPA KEYS TO SUCCESS

- **Clear Goals**
- **Alignment among Partner Agencies**
- **Focused Project Team**

PROJECT CHALLENGES

NEPA

► PROCUREMENT

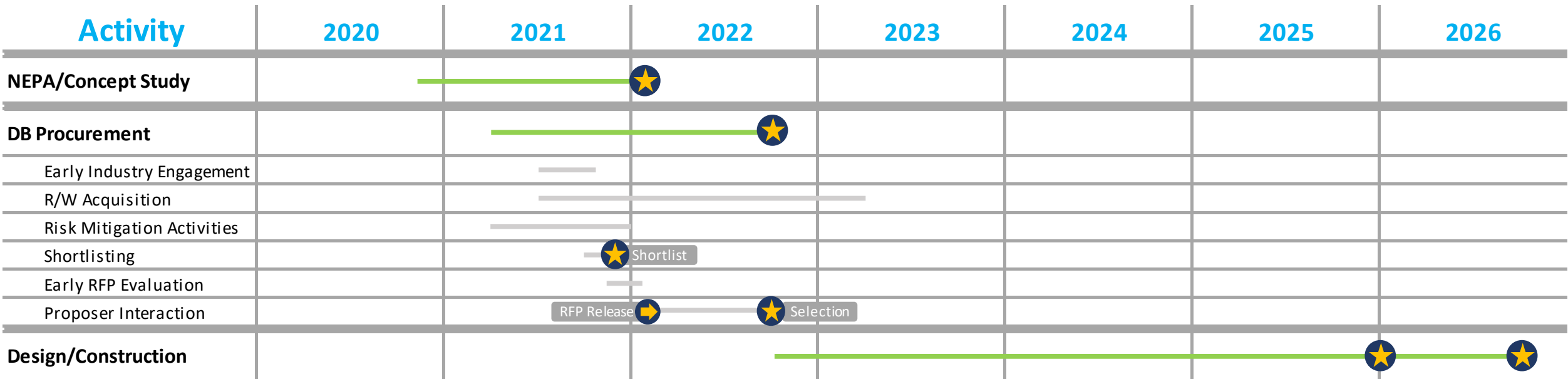
DELIVERY



PROCUREMENT CHALLENGES

- **Flush Construction Market**
- **Speed**
- **Challenging Scope**

PROCUREMENT SCHEDULE



PROCUREMENT RISK MITIGATION

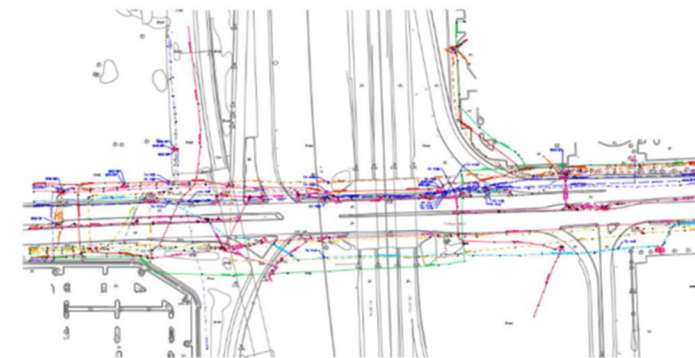
- **Survey**
 - Mobile LIDAR
 - Full Storm/Sanitary Survey
- **Geotech Investigations**
- **Advanced Permitting - (FEMA, DWR, USACE)**
- **Utility Coord.**
 - Targeted SUE Level B
 - Every Pre-Relocation
 - Master Utility Agreements & UIS



Technical Memorandum
US 69 Modernization and Expansion Project

3.0 Summary of Findings

Area 1 - College Blvd. at US 69



T2 investigated 30,397 ft. of buried utilities, performed 19 test holes and detailed 8 manhole structures.

The utilities investigated in this area as part of the CI/ASCE Quality Level B investigation are, AT&T, Atmos, Avon Partners, Evergy, KC Scout, KDOT, KFM, Lumen, Overland Park, Spectrum.





PROCUREMENT KEYS TO SUCCESS

- **Early Industry Engagement**
- **Balance Risks**
- **Give Sufficient Time to Procurement**

PROJECT CHALLENGES

NEPA

PROCUREMENT

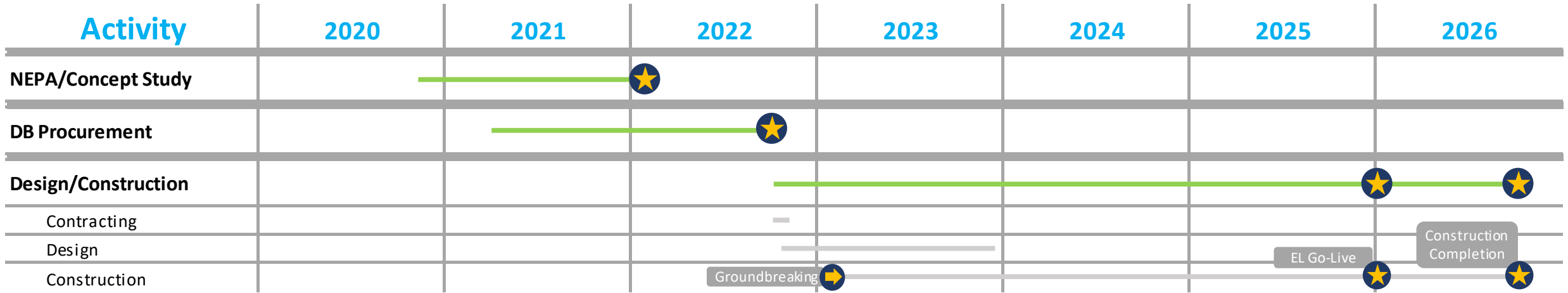
▶ DELIVERY



DELIVERY CHALLENGES

- **Significant Scope**
- **Fast Start & Aggressive Schedule**
- **Congested Corridor**

DELIVERY SCHEDULE





DELIVERY KEYS TO SUCCESS

- **Collaboration in the Project Office**
- **Active Maintenance of Traffic**
- **Correct People/Correct Places/Correct Time**



INTEGRATED PROJECT OFFICE

- **Co-Location**
 - Owner Team
 - Construction Team
 - Design Team
- **Task Force Meetings**
- **Collaborative Problem Solving**
- **Construction Planning**

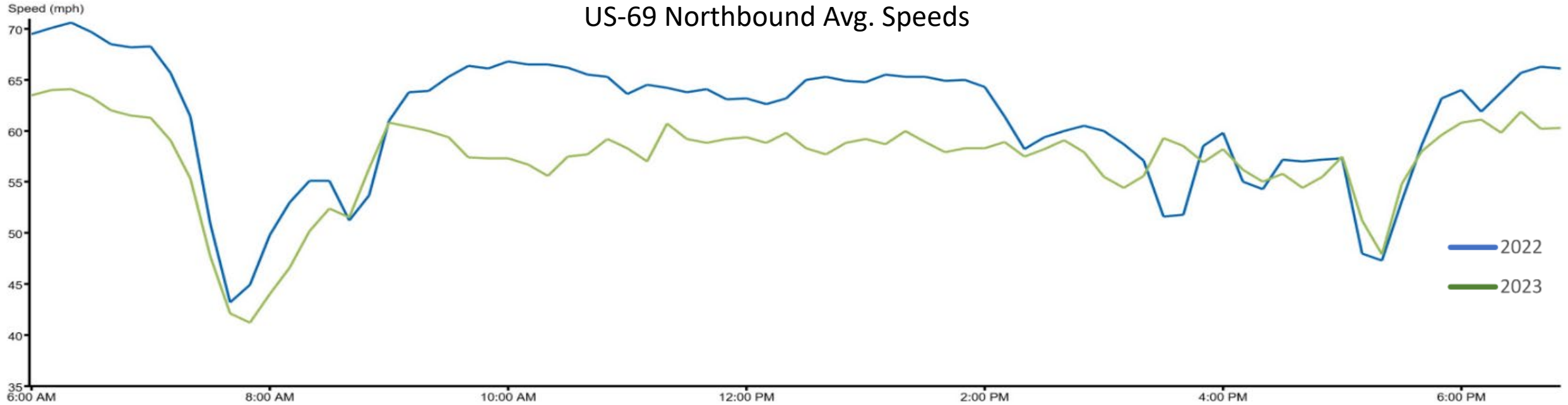




SCHEDULES ARE SUBJECT TO CHANGE.

(1) Partial Closure

US-69 Northbound Avg. Speeds



15 - Friday, Feb. 2: 9 am-4 pm - Alternating lane closure on 143rd Street

CONTINUED OPPORTUNITIES FOR INPUT



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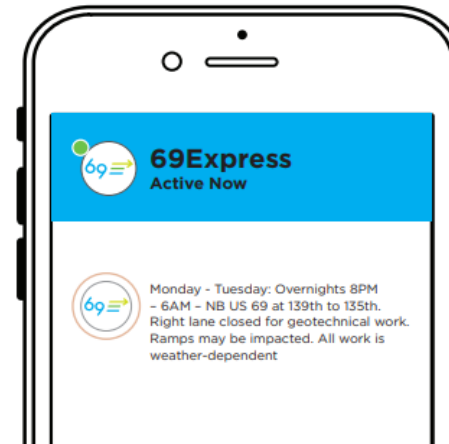


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THANK YOU!