

Interstate 17 and Indian School Road Traffic Interchange Design Concept Study

Public Information Meeting

April 24, 2019



Phoenix City Councilwoman Laura Pastor | District 4

Agenda

5:00 pm

- Attendee sign in, review materials, ask questions and provide input

5:30 pm

- Presentation and Q&A

6:00 pm

- Review displays and printed materials, ask questions and provide input

6:30 pm

- Open House concludes

Project Area



What is a DCR, other terms

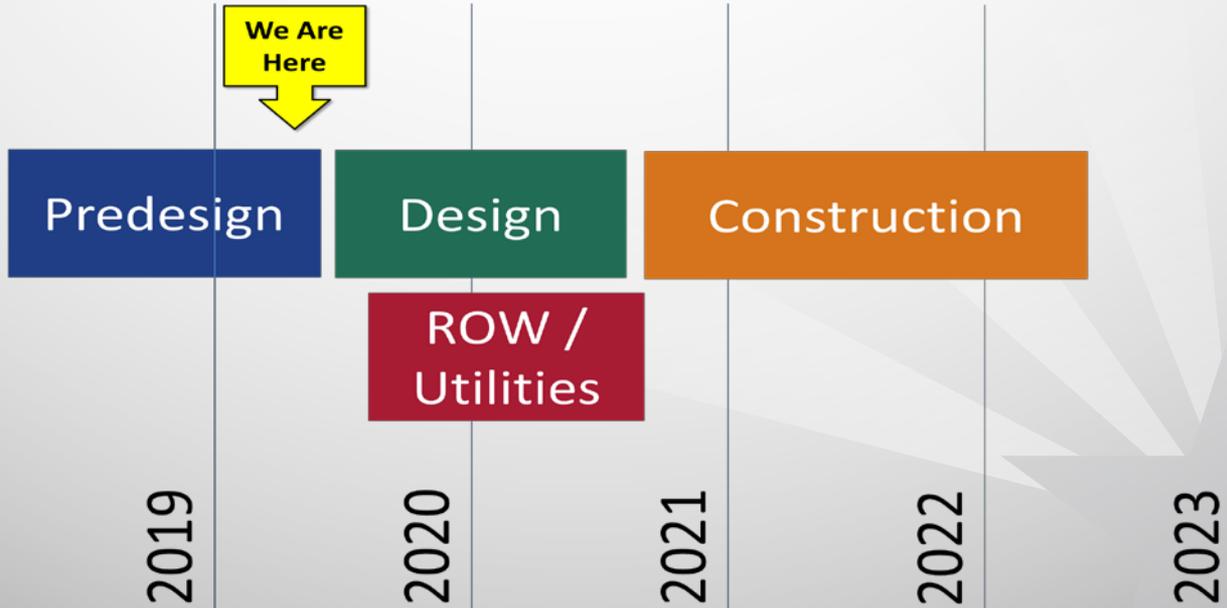
- DCR: Design Concept Report
- FHWA: Federal Highway Administration
- MAG: Maricopa Association of Governments
- ROW: Right-of-Way
- TI: Traffic Interchange

Why Improvements Are Necessary

- MAG Interstate 10/Interstate 17 Corridor Master Plan (Spine Study)
- More than 900 crashes on Indian School Road between 19th Ave. and 31st Ave. in recent 5-year period
- Higher existing traffic volumes than Thomas Road and Camelback Road at I-17: approximately 50,000 vehicles per day
- Predicted increase in volumes to approx. 65,000 vehicles per day by 2040 with unacceptable traffic congestion



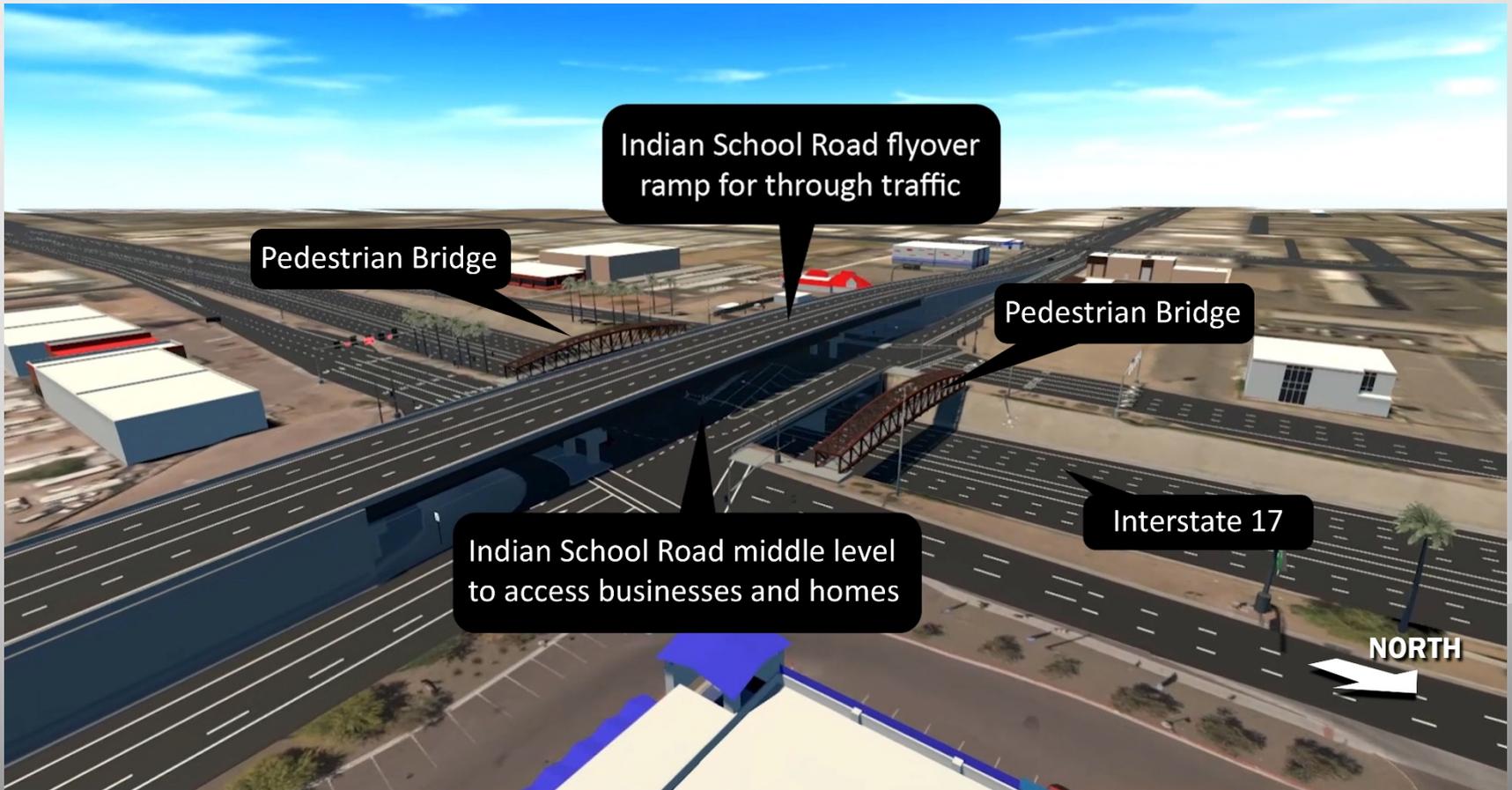
Proposed Timeline*



*Schedules are subject to change.

Recommended Build Alternative

- Three-level diamond traffic interchange
- Flyover bridge along Indian School Road to allow east-west through traffic to bypass freeway intersections
- New roadway approaching flyover bridge with embankment and retaining walls
- Widened Indian School Road to accommodate flyover bridge and approaches
- Two new pedestrian bridges – one north and one south of Indian School Road
- ADOT also considering No Build (“do-nothing”) Alternative



Indian School Road flyover ramp for through traffic

Pedestrian Bridge

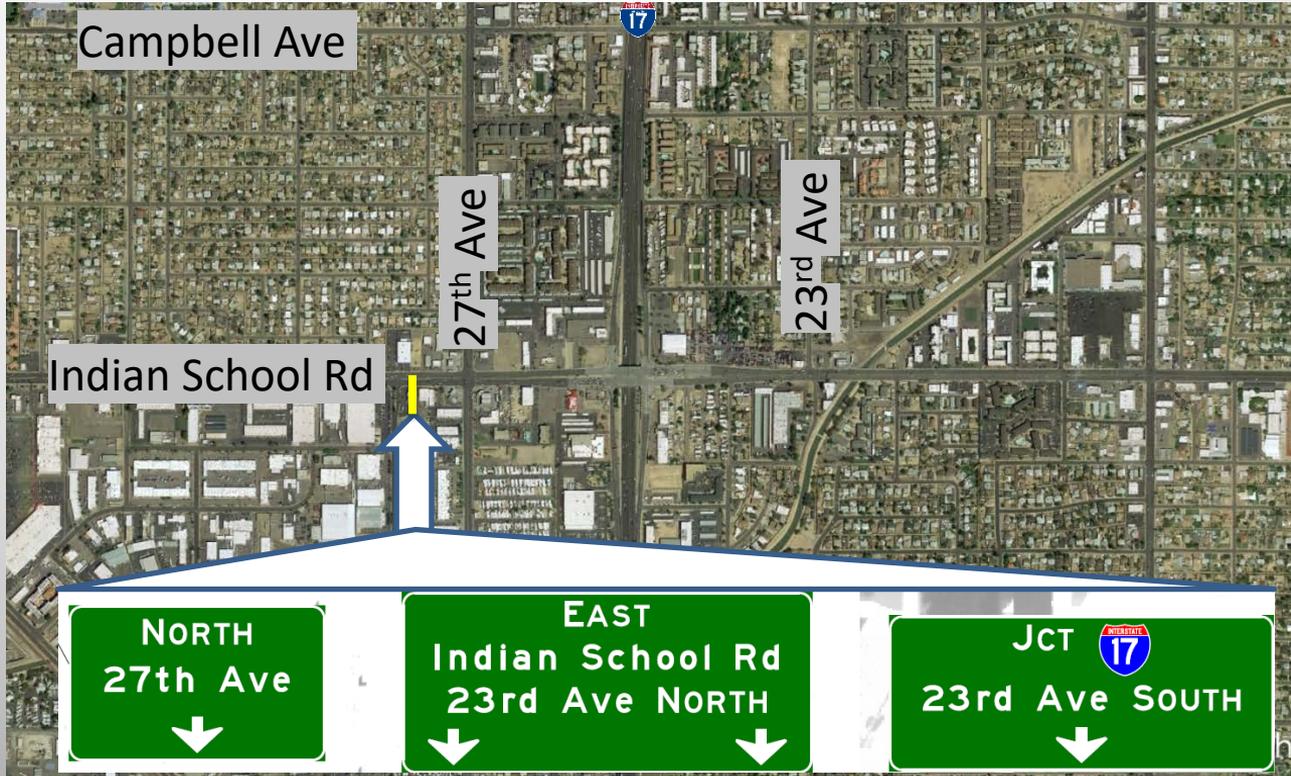
Pedestrian Bridge

Indian School Road middle level to access businesses and homes

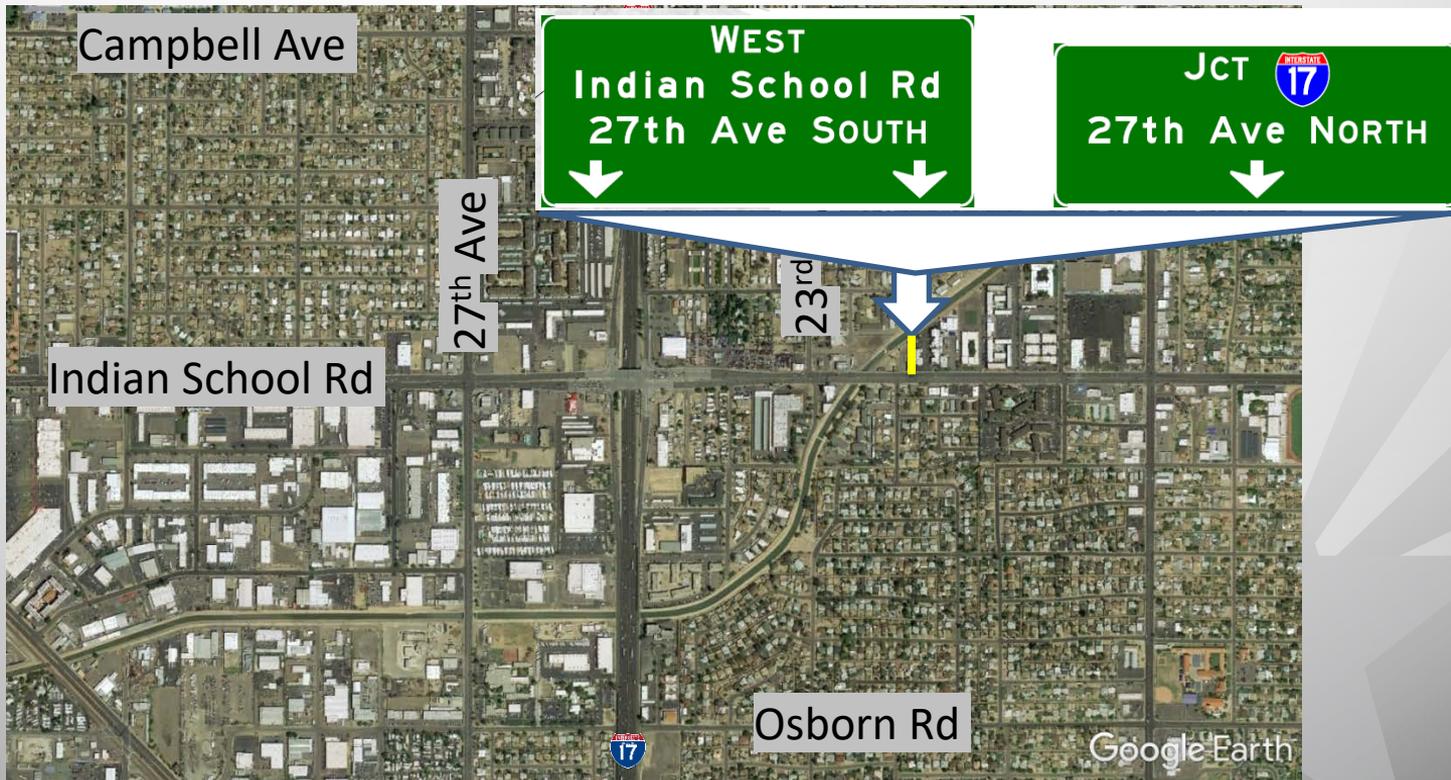
Interstate 17

NORTH

Signing - Eastbound



Signing - Westbound



Business Access



Why Select a Three-Level Diamond?

- Functions better than other alternatives considered
- Improves east-west movements
- Improves safety by reducing crashes
- Accommodates frontage road through movements
- Improves pedestrian/bicycle connectivity

Other Three-Level Diamonds

Other locations:

- Iowa
- Michigan
- Missouri
- North Carolina
- Oklahoma
- Pennsylvania
- Texas
- Virginia
- West Virginia
- Wisconsin



Funding Source

- Prop 400 passed by Maricopa County voters in November 2004 – half-cent sales tax for transportation projects
- Design, construction and administration by ADOT
- Coordination and support from FHWA

Stay Informed and Involved

- **Website:** azdot.gov/i17indianschoolti - Get information and subscribe to receive updates by email
- **Telephone:** 855.712.8530
- **Submit a question or comment online:** azdot.gov/contact - Select *Projects* from the drop-down menu
- **Mail:** ADOT Communications, 1655 W. Jackson Street, MD 126F, Phoenix, AZ 85007

Questions and comments must be submitted by May 10, 2019, to be included in the study record.

Thank you

OPEN HOUSE