

# High Tech Interconnect (HIP)

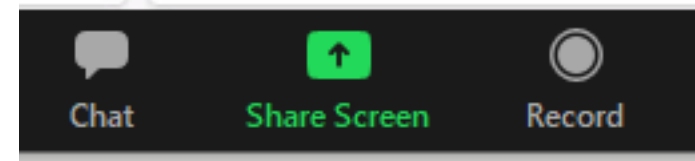
open house

# Agenda

- Presentation
- Question and Answer
  - Pre-submitted through Sign-Up Genius
  - Live Chat Room

## To ask a written question in the Live Chat Room

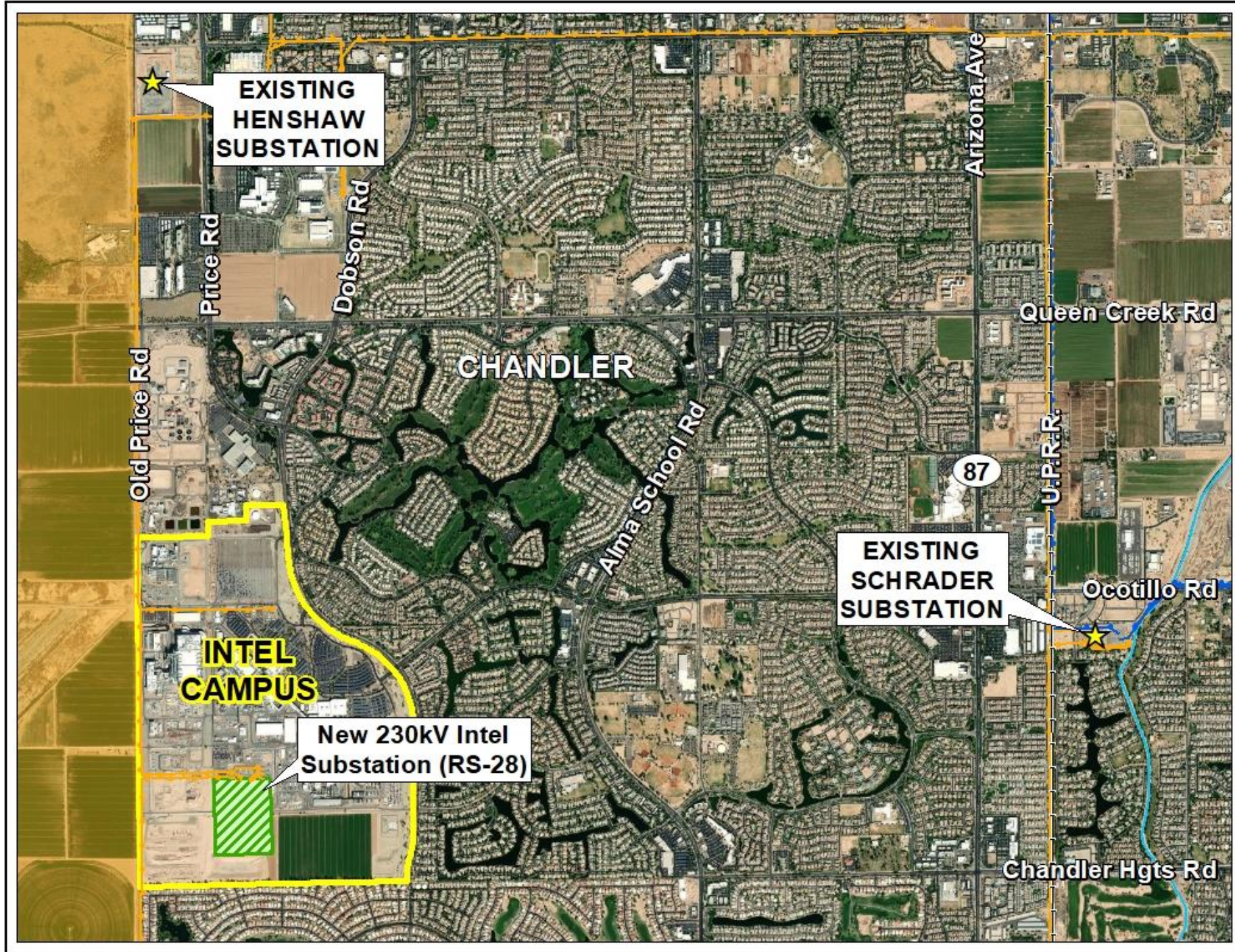
- Select “Chat” at the bottom of your screen
- Chat box should open on right side of screen
- Make sure recipient is set “To: Megan Good”
- Type question and send (“Enter”)



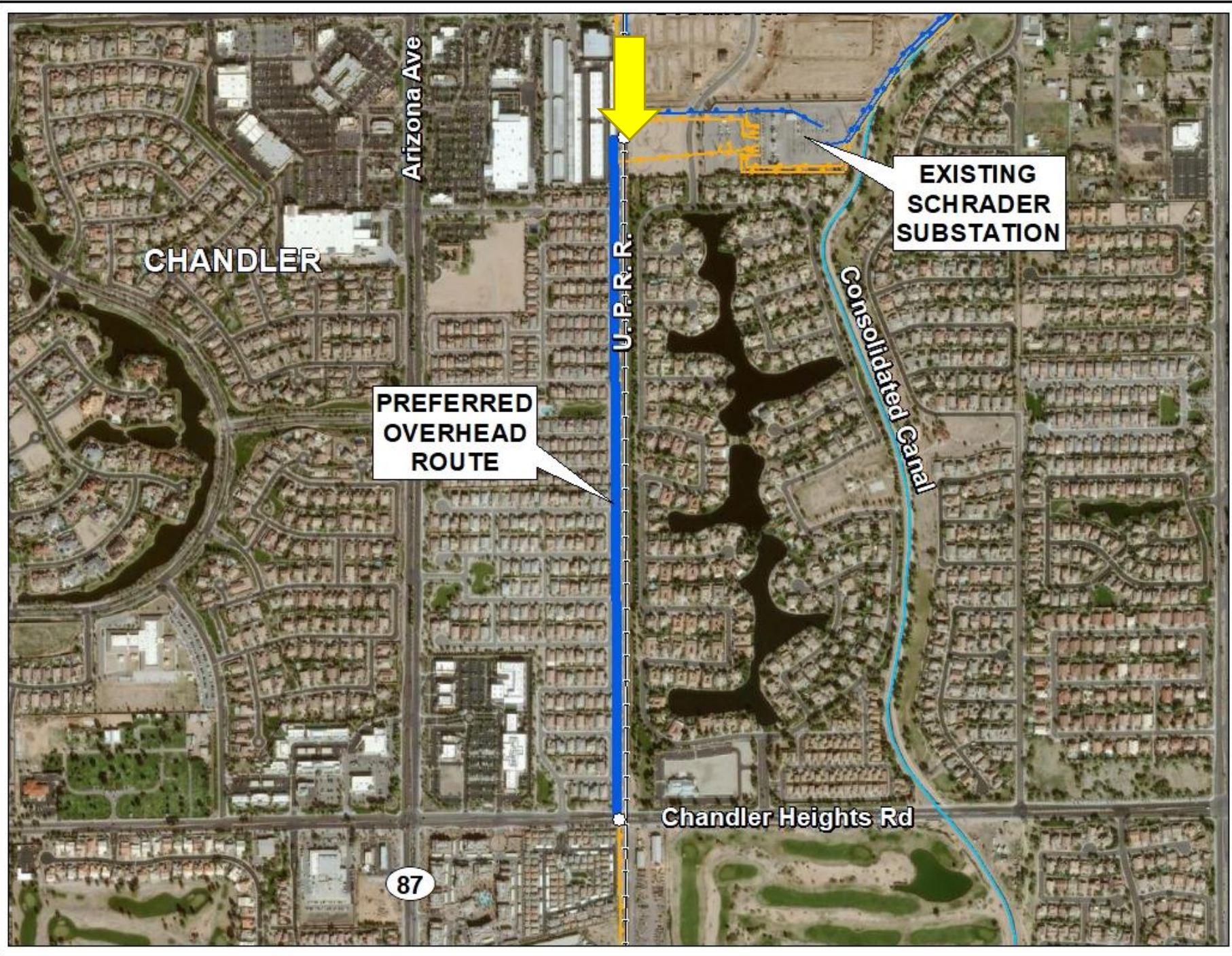
# Project Need

- Intel announced a \$20 billion dollar expansion plan:
  - Two new fabrication facilities, or fabs, which will produce advanced semiconductor chips used in modern electronics.
  - Reported to be the single largest investment ever made in the State of Arizona.
    - 3,000 new high-tech, high-wage jobs
    - 3,000 construction jobs
    - 15,000 additional indirect jobs in our community
- SRP is working with the City of Chandler on this proposed transmission project that is required to provide reliable power to the Intel Ocotillo campus.
- Intel needs to have the new facilities operational by Q3 2023











## UNION PACIFIC RAILROAD NEAR SHRADER SUBSTATION- LOOKING SOUTH

### Existing Conditions



## UNION PACIFIC RAILROAD NEAR SHRADER SUBSTATION- LOOKING SOUTH

### Proposed Project





# UNION PACIFIC RAILROAD NEAR SHRADER SUBSTATION LOOKING SOUTH

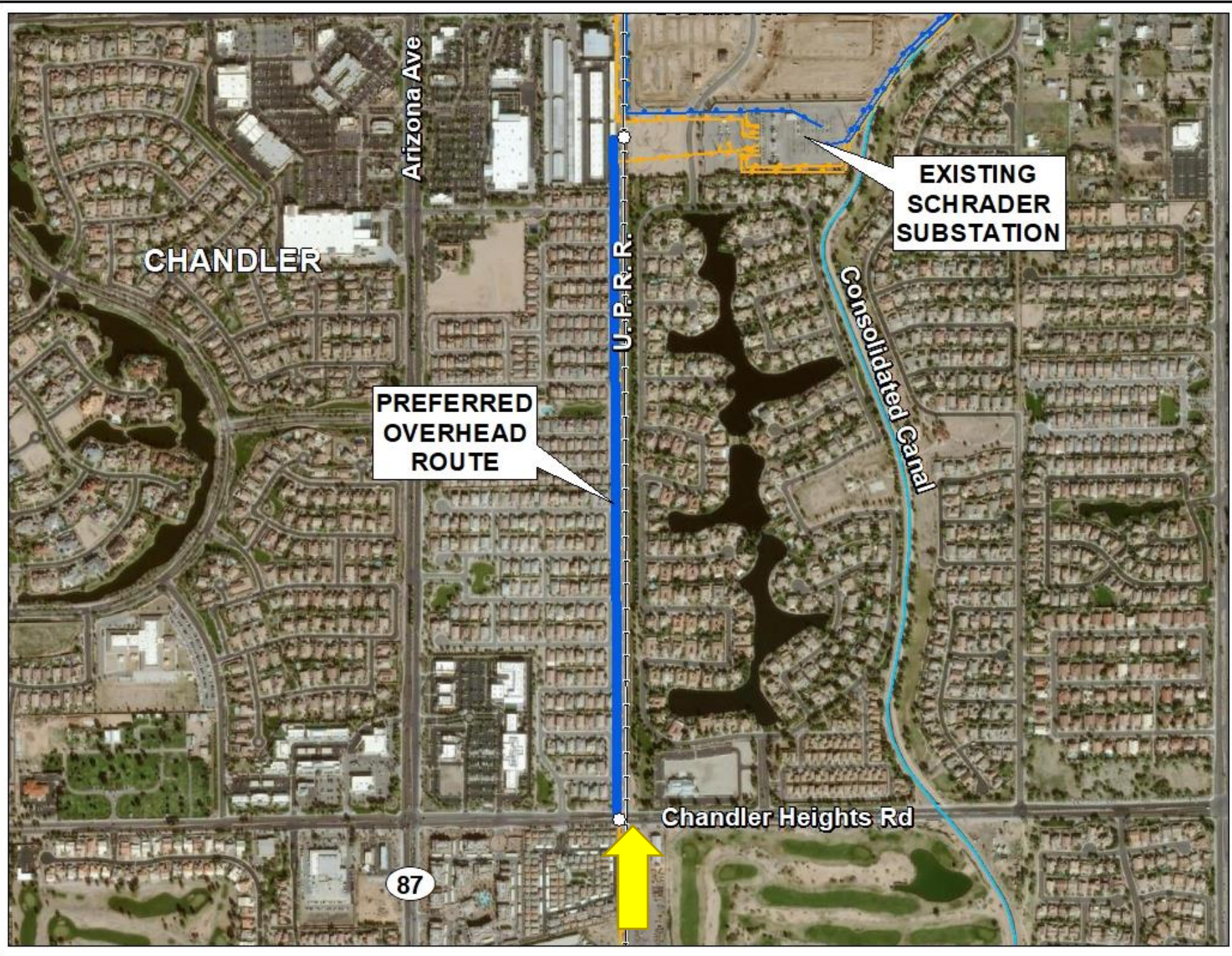
## Existing Conditions



## Proposed Project









## EAST CHANDLER HEIGHTS ROAD & UNION PACIFIC RAILROAD- LOOKING NORTH

### Existing Conditions





## EAST CHANDLER HEIGHTS ROAD & UNION PACIFIC RAILROAD- LOOKING NORTH

### Proposed Project



# EAST CHANDLER HEIGHTS ROAD & UNION PACIFIC RAILROAD LOOKING NORTH

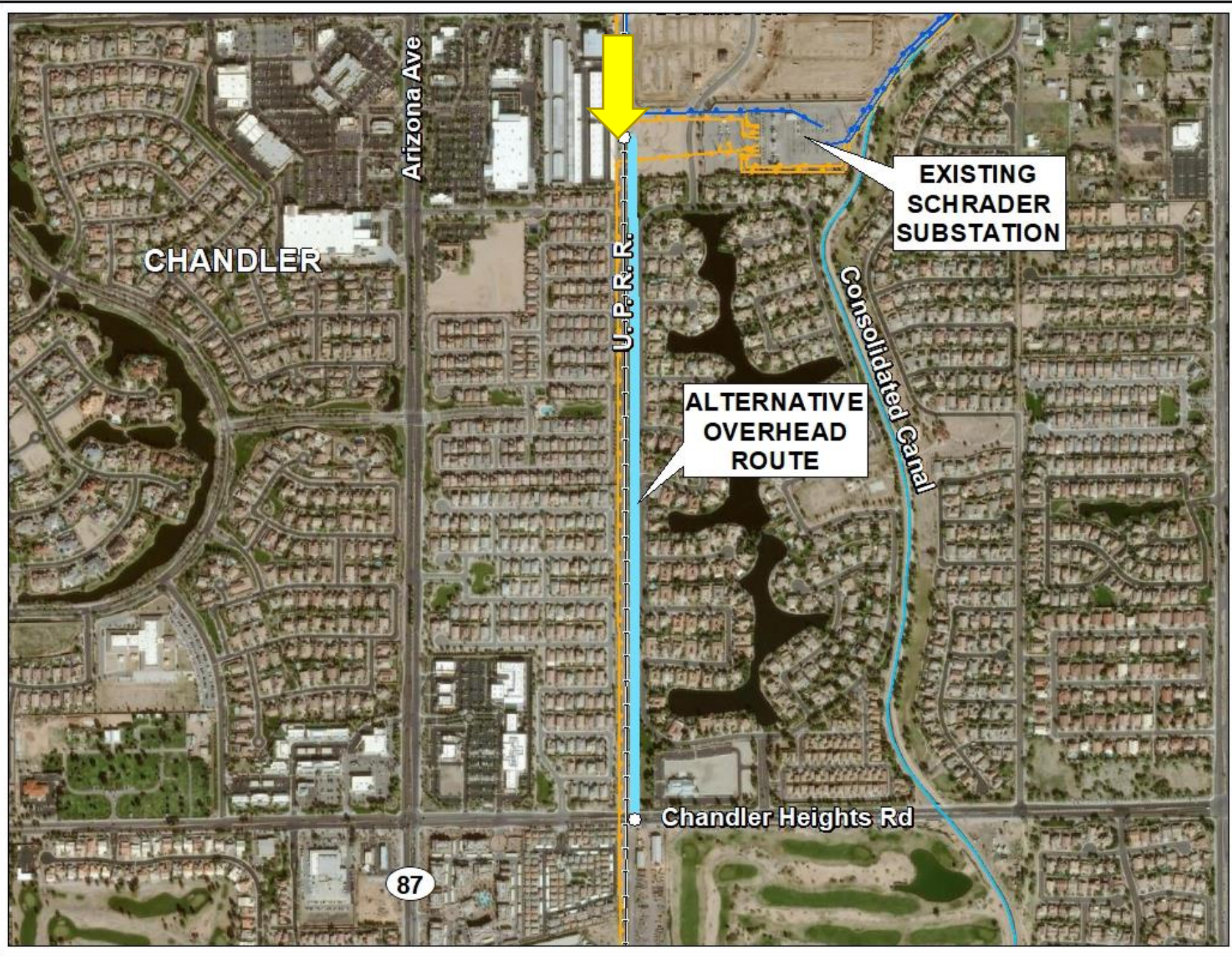
## Existing Conditions



## Proposed Project







CHANDLER

Arizona Ave

U.P. R.R.

EXISTING  
SCHRADER  
SUBSTATION

ALTERNATIVE  
OVERHEAD  
ROUTE

Consolidated Canal

Chandler Heights Rd

87



## UNION PACIFIC RAILROAD NEAR SHRADER SUBSTATION- LOOKING SOUTH

### Existing Conditions





## UNION PACIFIC RAILROAD NEAR SHRADER SUBSTATION- LOOKING SOUTH

### Proposed Project



# UNION PACIFIC RAILROAD NEAR SHRADER SUBSTATION LOOKING SOUTH

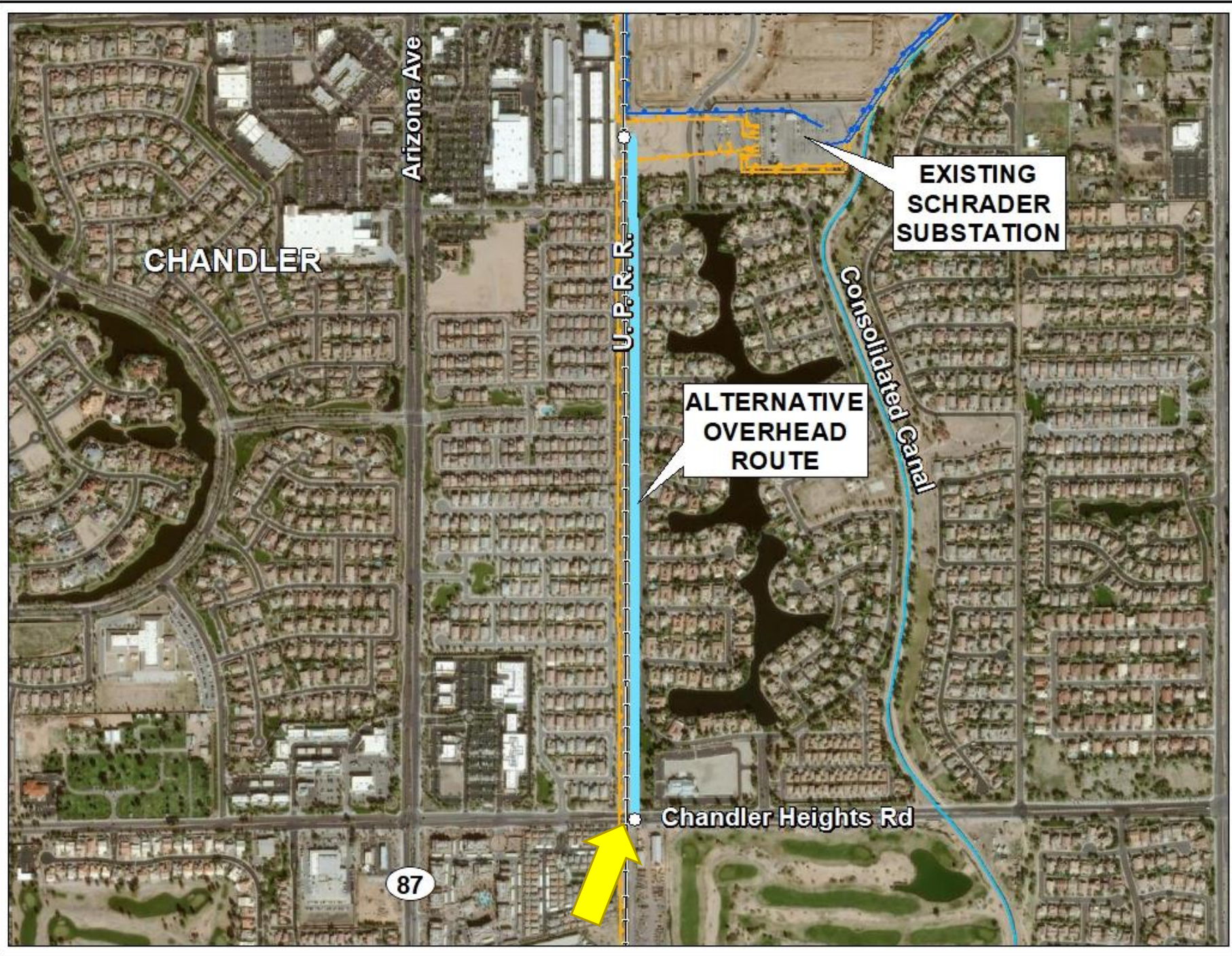
## Existing Conditions



## Proposed Project









## EAST CHANDLER HEIGHTS ROAD & UNION PACIFIC RAILROAD- LOOKING NORTHEAST

### Existing Conditions





## EAST CHANDLER HEIGHTS ROAD & UNION PACIFIC RAILROAD- LOOKING NORTHEAST

### Proposed Project



# EAST CHANDLER HEIGHTS ROAD & UNION PACIFIC RAILROAD LOOKING NORTHEAST

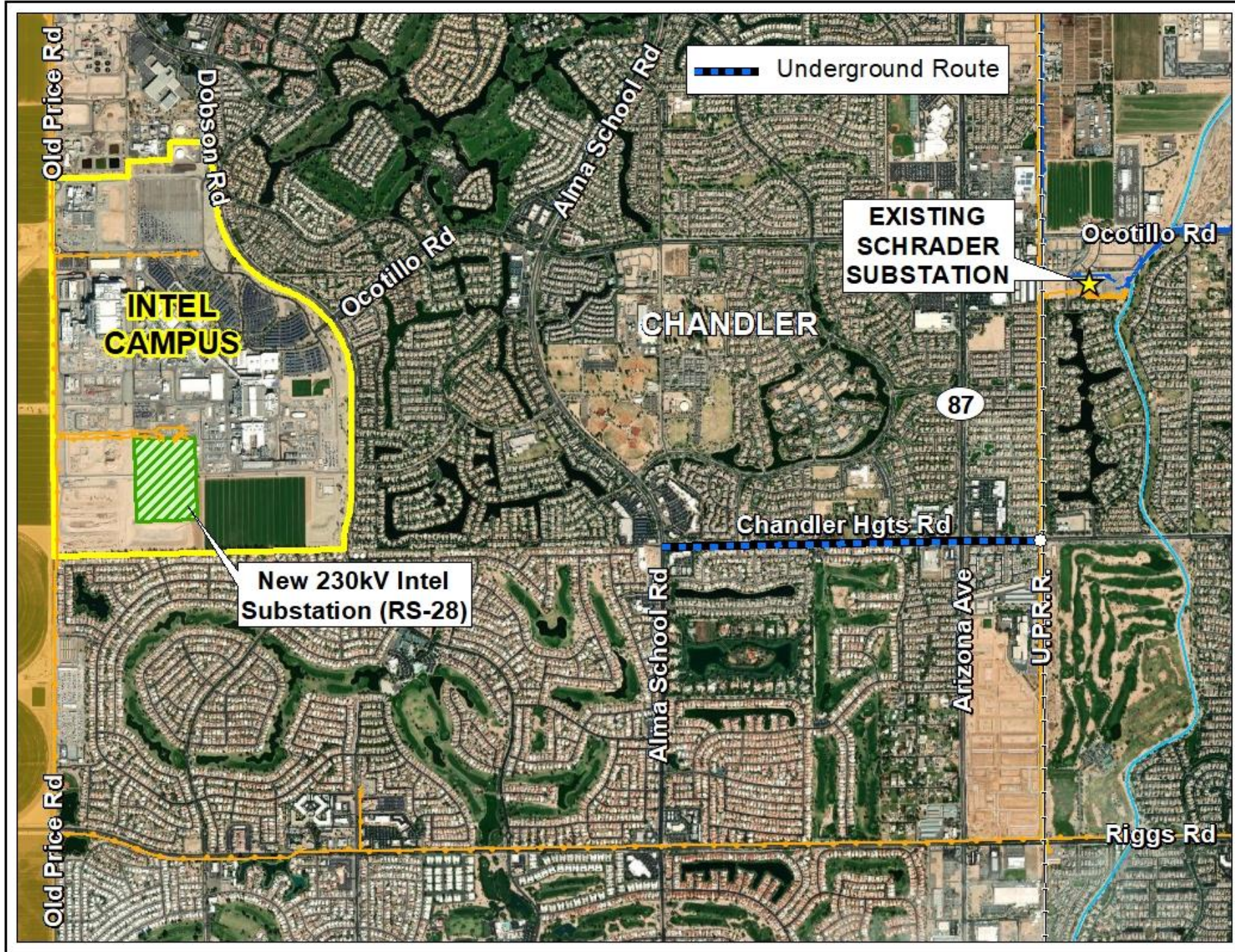
## Existing Conditions



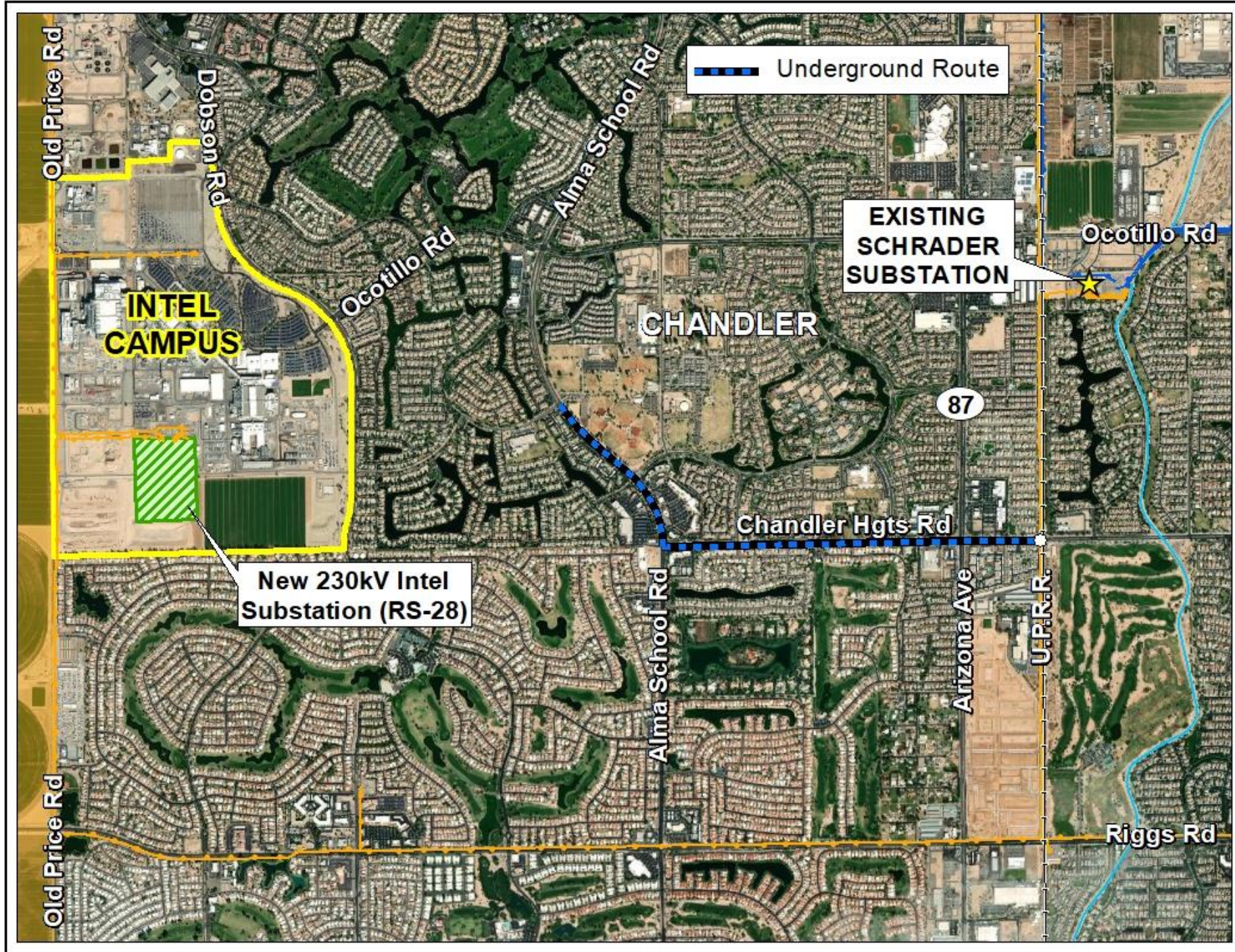
## Proposed Project



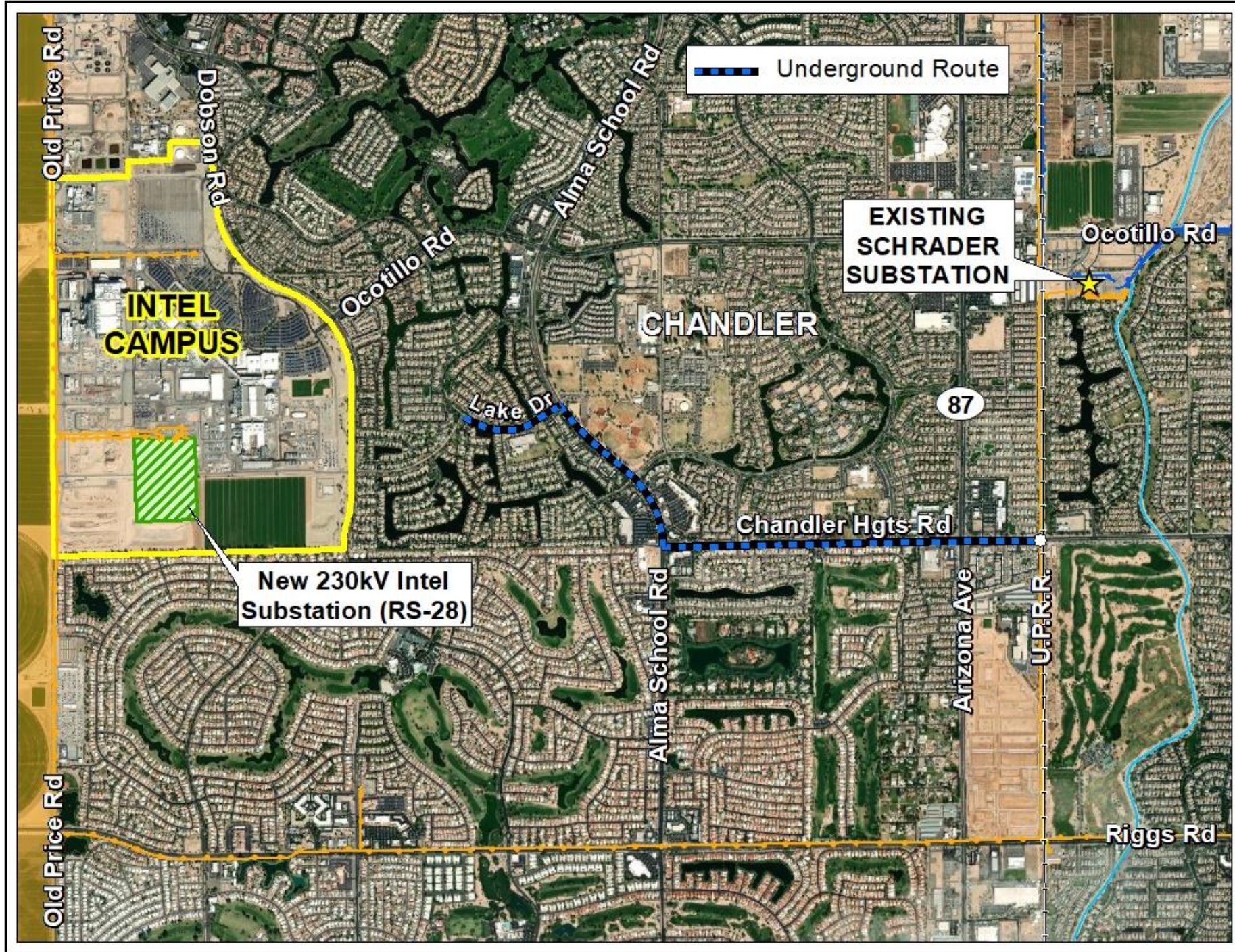




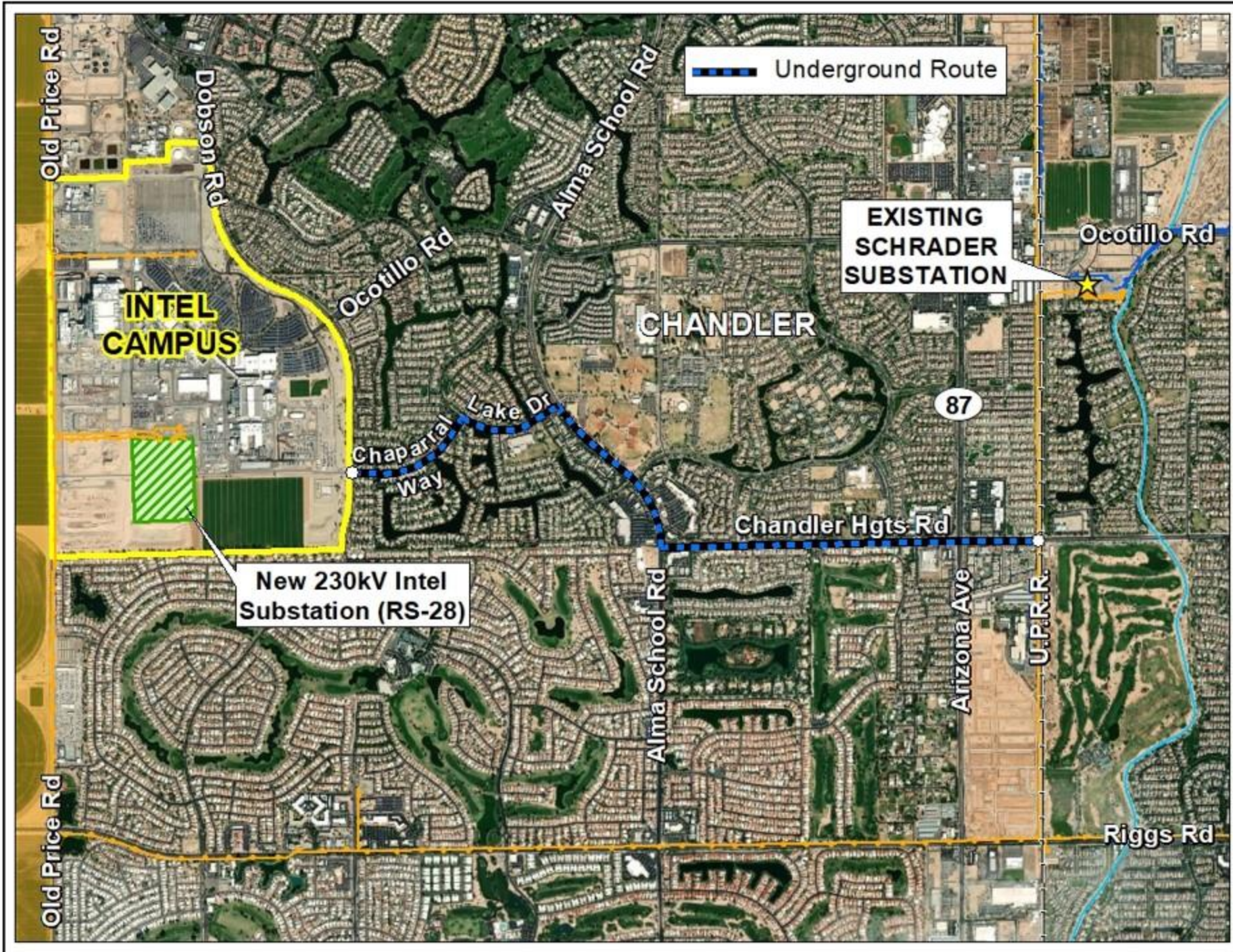




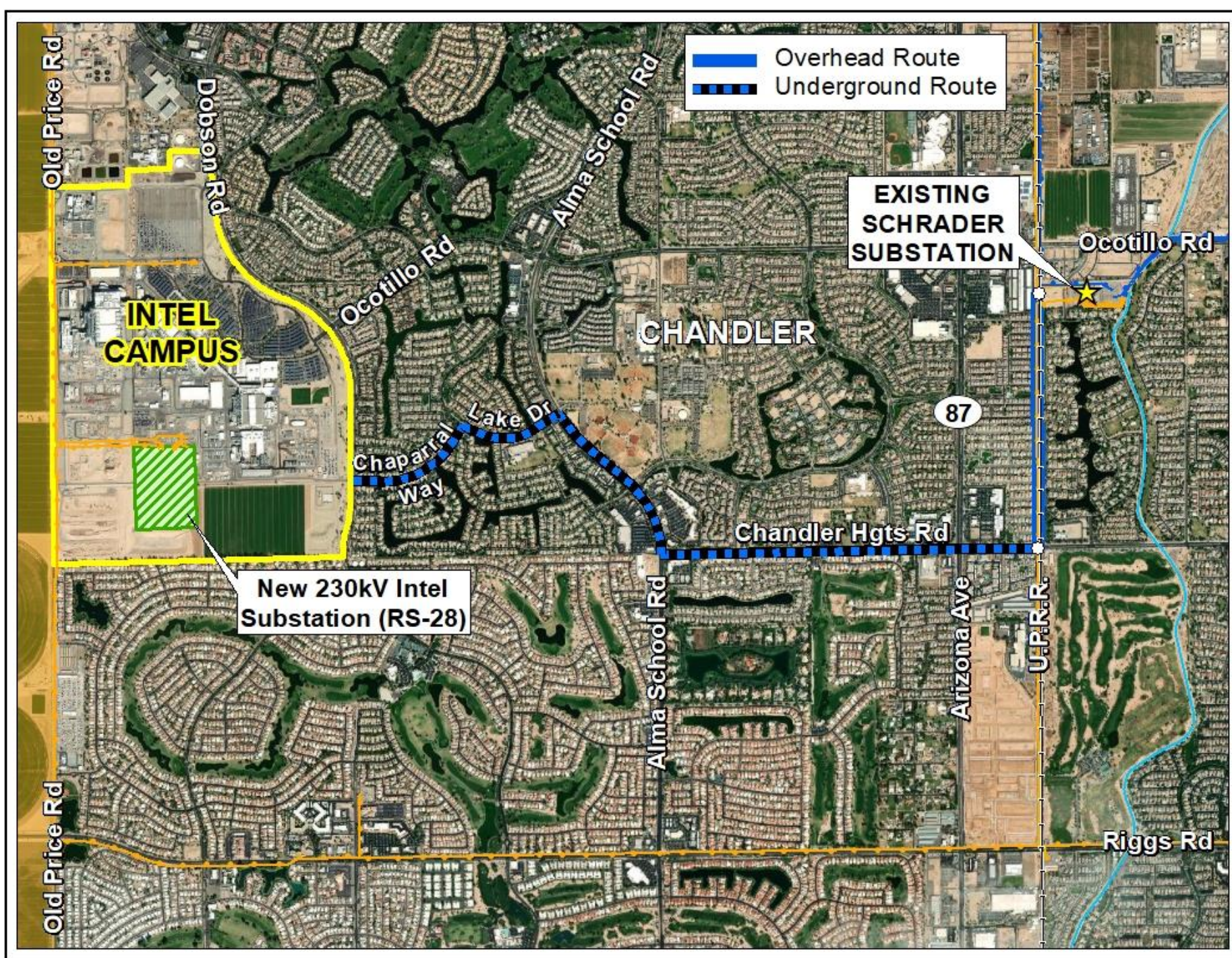




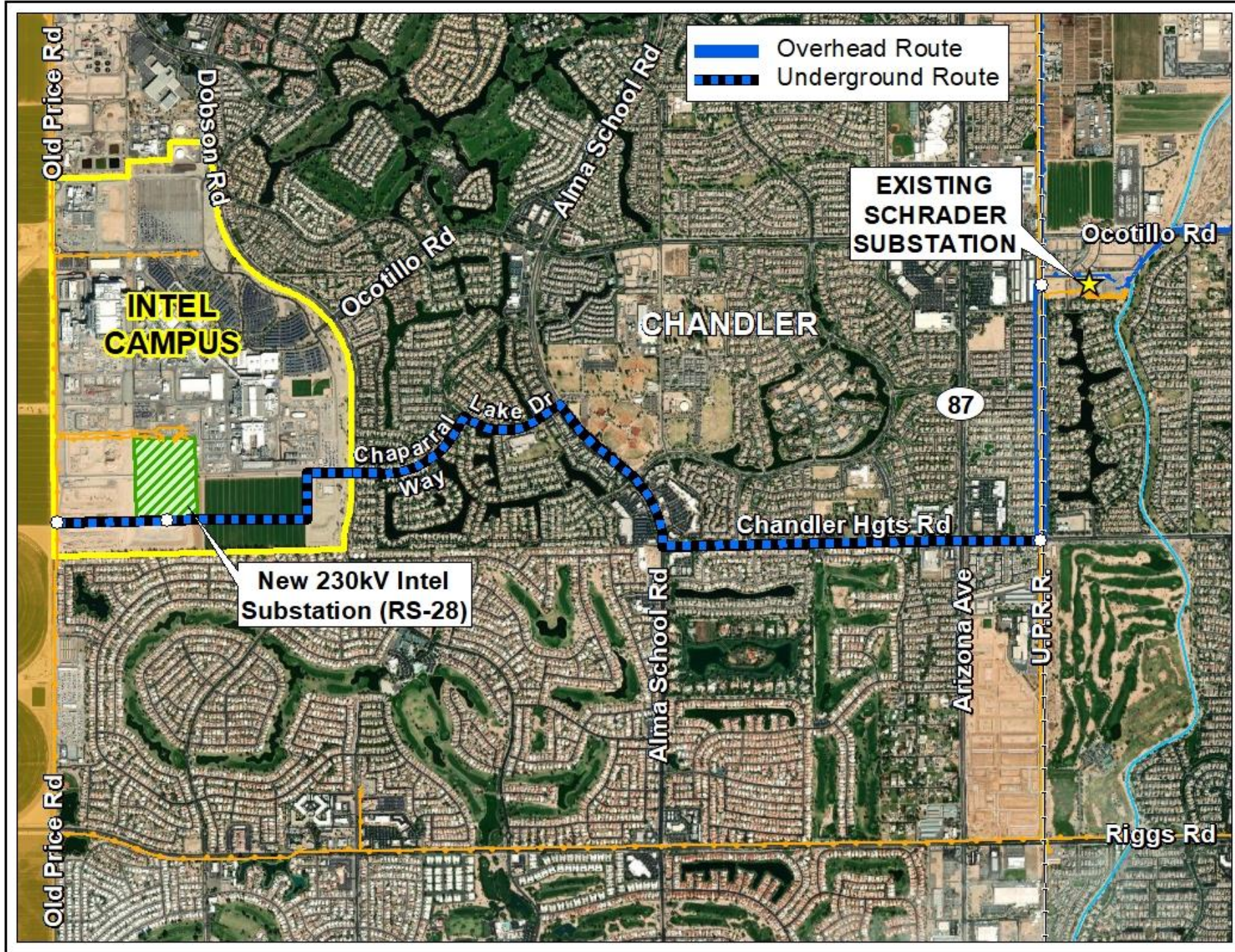
















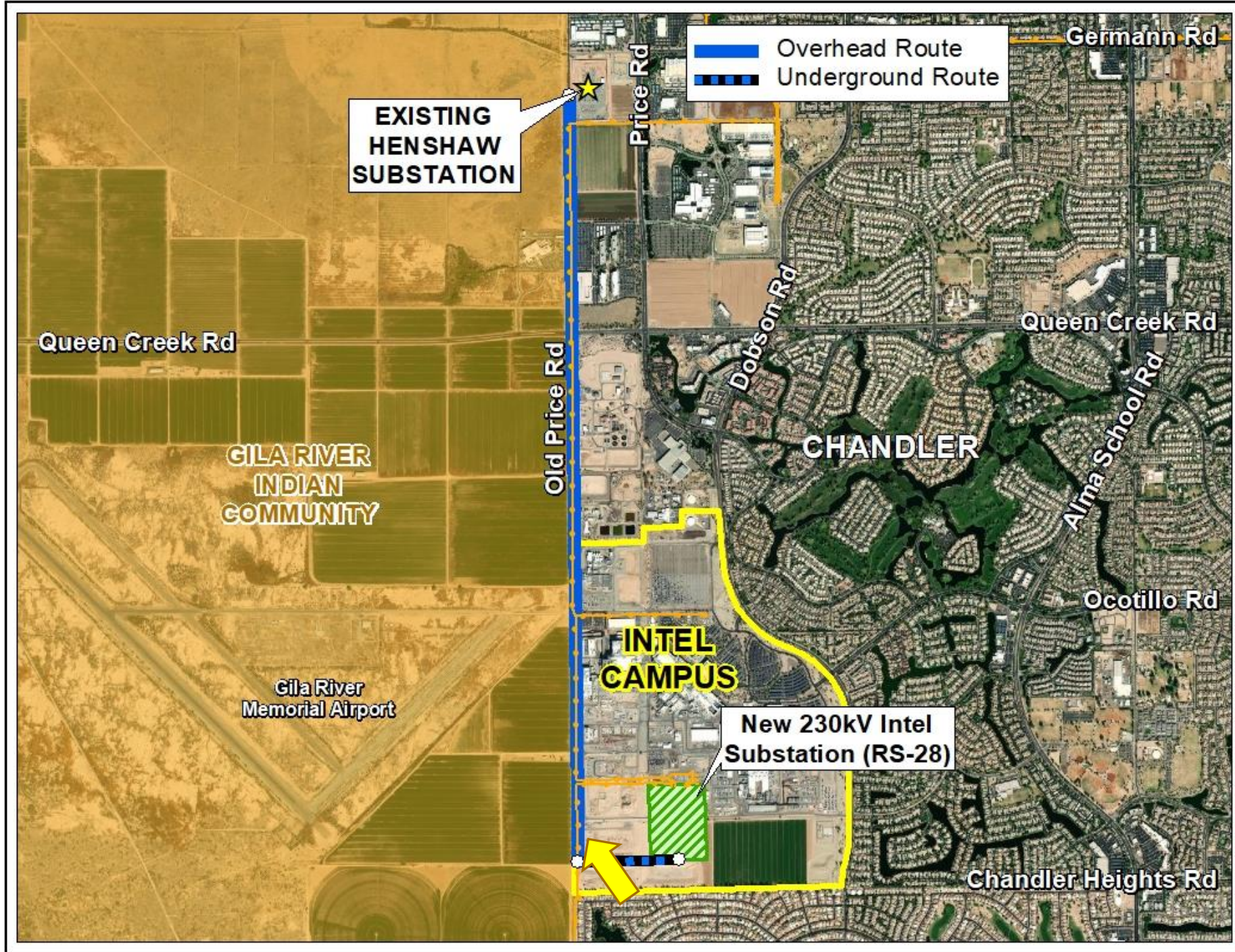














## SOUTHWEST CORNER OF INTEL PROPERTY AT OLD PRICE ROAD- LOOKING NORTHWEST

### Existing Conditions





## SOUTHWEST CORNER OF INTEL PROPERTY AT OLD PRICE ROAD- LOOKING NORTHWEST

### Proposed Project





## SOUTHWEST CORNER OF INTEL PROPERTY AT OLD PRICE ROAD LOOKING NORTHWEST

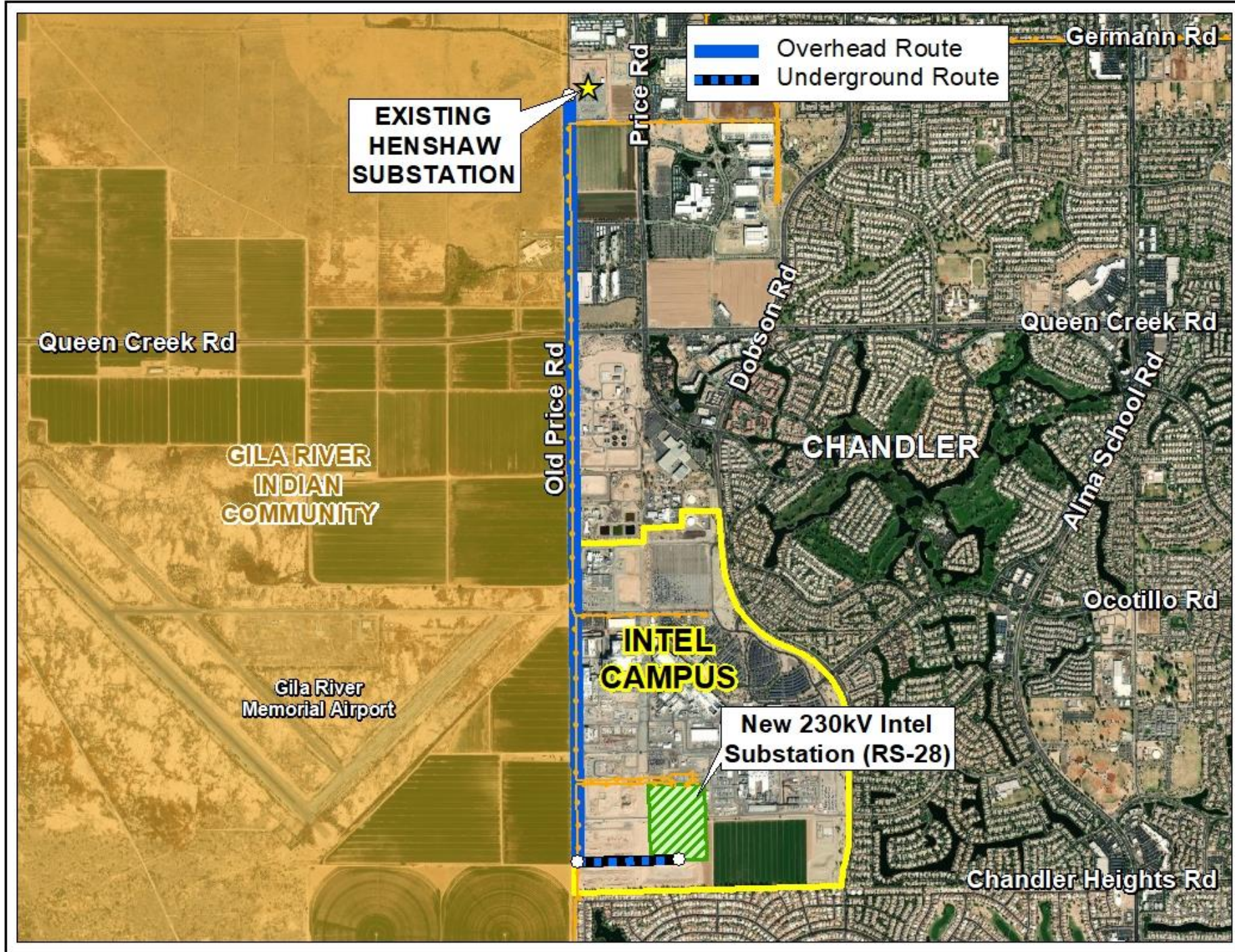
### Existing Conditions



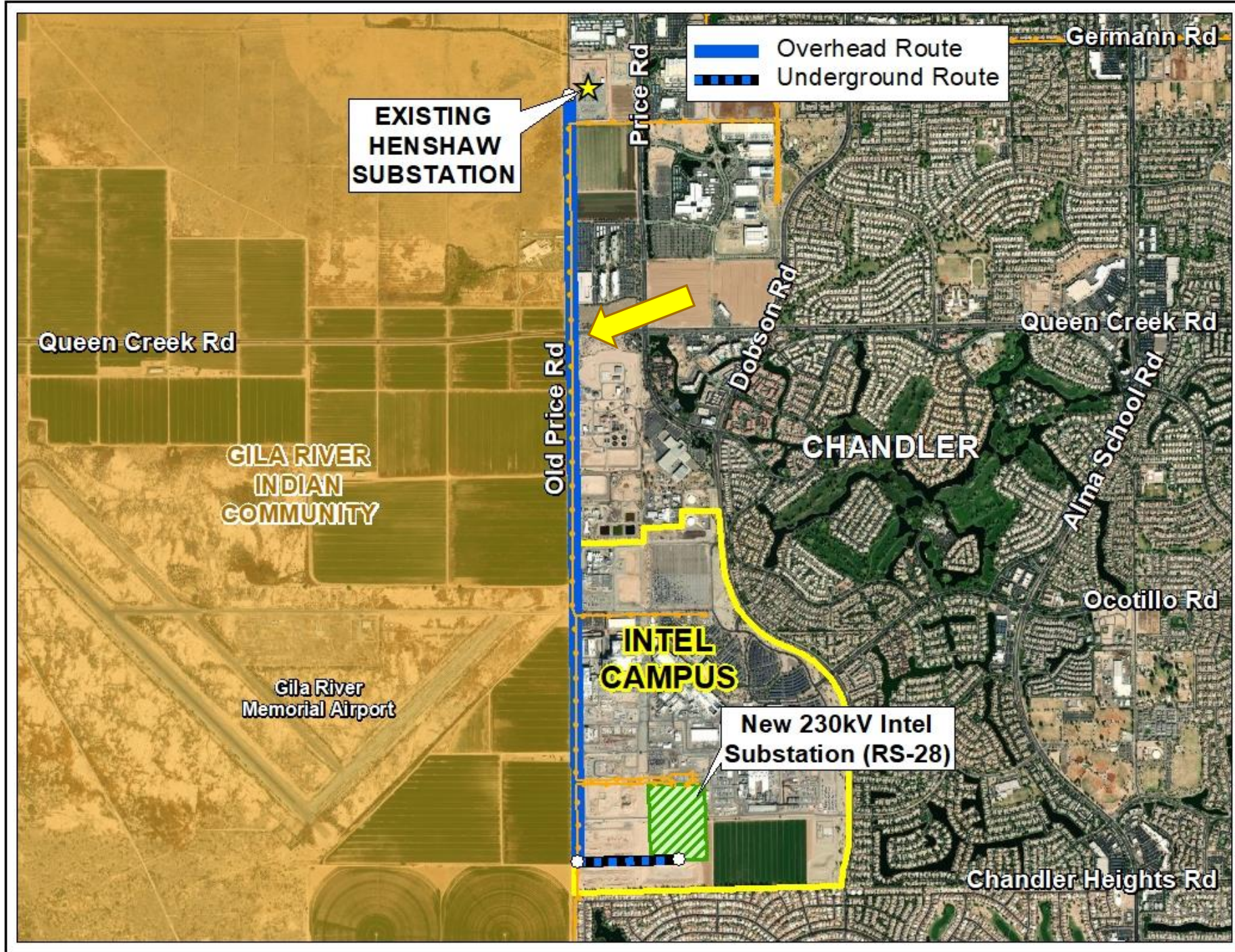
### Proposed Project













## WEST QUEEN CREEK ROAD AND 88TH STREET- LOOKING SOUTHWEST

### Existing Conditions





## WEST QUEEN CREEK ROAD AND 88TH STREET- LOOKING SOUTHWEST

### Proposed Project





## WEST QUEEN CREEK ROAD AND 88TH STREET LOOKING SOUTHWEST

### Existing Conditions



### Proposed Project





# SITING PROCESS & ENVIRONMENTAL ANALYSIS



# Statutory Requirements Environmental

Air Quality

Biological Resources

Cultural and Historical Resources

Geology and Soils

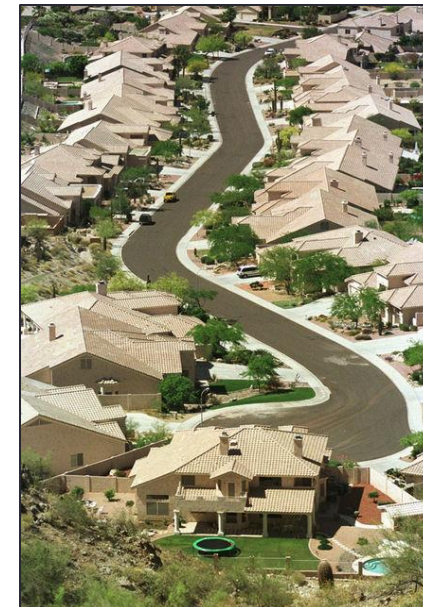
Hydrology

**Land Use**

**Noise**

Recreation

**Visual and Aesthetics**





# SRP Route Feasibility Considerations

Ability to Obtain ROW

Constructability

Cost

Maintenance Access

## Criteria Analyzed to Meet these Considerations

Line Length

Parallel to existing linear features

Number of Poles

Number of Angle Structures



# Siting Process

## Arizona Corporation Commission (ACC) Transmission Line Siting Committee Process

File Certificate of Environmental Compatibility (CEC)

*Anticipated filing Late September 2021*

Siting Committee Public Hearings (30-60 days after filing CEC)

*Starting week of November 8, 2021*

ACC Public Hearings (minimum 30 days after Siting Committee Decision)



thank you!