

**THREE RIVERS 230kV POWER LINE PROJECT
APPLICATION FOR CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY
DOCKET NO. L-00000D-21-0292-00193**

EXHIBIT LIST

EXHIBIT NO.	DESCRIPTION
APS-1	Application For Certificate of Environmental Compatibility (CEC) (filed August 24, 2021)
APS-2	Witness Summary of David Wiley (filed September 24, 2021)
APS-3	Witness Summary of Stephen Eich (filed September 24, 2021)
APS-4	Witness Summary of Paul Trenter (filed September 24, 2021)
APS-5	Witness Summary of Teresa O’Neil (filed September 24, 2021)
APS-6	Witness Summary of Chris Curtis (filed September 24, 2021)
APS-7	Witness Presentation Slides
APS-8	Corridor Map and Narrative – Preferred Route
APS-9	Affidavit of Publication of Notice of Hearing
APS-10	Proof of Delivery of Application for Certificate of Environmental Compatibility and Transcripts to Public Locations
APS-11	Proof of Website Posting

**THREE RIVERS 230kV POWER LINE PROJECT
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EXHIBIT LIST

EXHIBIT NO.	DESCRIPTION
APS-12	Proof of Service to Affected Jurisdictions
APS-13	Proof of Posting: Photos of Notice of Hearing signs posted at site and map
APS-14	Postcard announcing Notice of Hearing
APS-15	Compass Letter of Support – dated August 31, 2021
APS-16	Summary of Public Outreach Efforts
APS-17	Proposed CEC with Corridor Map and Description
APS-18	Arizona Game & Fish Department Letter dated September 17, 2021
APS-19	Arizona State History Preservation Office representative David Jacob’s email to Teresa O’Neil dated September 8, 2021
APS-20	City of Goodyear e-mail to APS dated August 26, 2021
APS-21	Commission Staff Letter dated September 27, 2021
APS-22	Combined Alternative Routes Map

**THREE RIVERS 230kV POWER LINE PROJECT
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EXHIBIT LIST

EXHIBIT NO.	DESCRIPTION
APS-23	ADOT Letter to Line Siting Committee dated September 21, 2021 and ADOT email to APS dated September 30, 2021
APS-24	
APS-25	
APS-26	
APS-27	

Application

for a

Certificate of Environmental Compatibility

**THREE RIVERS
230kV POWER LINE PROJECT**

Prepared for:

State of Arizona

Power Plant and Transmission Line Siting Committee

Submitted by:

Arizona Public Service Company

**THREE RIVERS 230kV TRANSMISSION LINE PROJECT
DOCKET NO. L-00000D-21-0292-00193**

WITNESS SUMMARY
of
David Wiley

September 24, 2021

Mr. Wiley is the Supervisor of Transmission Planning & Engineering at APS. He will provide testimony regarding his educational and professional background and his role in the Three Rivers 230kV Transmission Line Project (Project).

At the hearing, Mr. Wiley will provide an overview of the APS service territory and electric facilities in the area surrounding the proposed Project site located in Goodyear and Avondale, Arizona. He will also describe the Project's purpose and needs for serving a new data center, including an overview of the substation. Mr. Wiley will also provide an overview of APS's noise and electric and magnetic fields (EMF) analysis for the Project.

Mr. Wiley may provide background on data centers and their electric service requirements.

**THREE RIVERS 230kV TRANSMISSION LINE PROJECT
DOCKET NO. L-00000D-21-0292-00193**

WITNESS SUMMARY
of
Stephen Eich

September 24, 2021

Mr. Eich is the Project Manager for the Three Rivers 230kV Transmission Line Project (Project). He will provide testimony regarding his professional background and his role in the Project.

At the hearing, Mr. Eich's testimony will include a description of the Project, including its general characteristics, proposed location, transmission facilities and structures, and the anticipated cost. Mr. Eich will also discuss the Project's origination and development, including the public engagement process. Mr. Eich will outline APS's Certificate of Environmental Compatibility Application, including a description of how it was prepared and what it contains. Mr. Eich will present testimony regarding compliance with notice requirements.

**THREE RIVERS 230kV TRANSMISSION LINE PROJECT
DOCKET NO. L-00000D-21-0292-00193**

WITNESS SUMMARY
of
Paul Trenter

September 24, 2021

Mr. Trenter is the Principal at Environmental Planning Group (EPG) the environmental consulting firm retained by APS for the Three Rivers 230kV Transmission Line Project (Project). He will provide testimony regarding his educational and professional background and his role in the Project.

Mr. Trenter served as one of the Environmental Managers for this Project. His testimony will include a discussion of the environmental studies conducted by EPG and the results of those analyses. He will also provide testimony regarding the compatibility of the Project with biological resources and cultural resources in the area, as well as the existing plans for other developments in the Project area vicinity.

Mr. Trenter will also guide the virtual flyover of the Project. The virtual tour will provide an overview of the Project site, a view of the surrounding area, and simulations of the transmission lines and structures.

**THREE RIVERS 230kV TRANSMISSION LINE PROJECT
DOCKET NO. L-00000D-21-0292-00193**

WITNESS SUMMARY
of
Teresa O'Neil

September 24, 2021

Ms. O'Neil is an Environmental Planner at Environmental Planning Group (EPG), the environmental consulting firm retained by APS for the Three Rivers 230kV Transmission Line Project (Project). She will provide testimony regarding her educational and professional background and her role in the Project.

Ms. O'Neil served as one of the Environmental Managers for this Project. Ms. O'Neil will provide testimony regarding the compatibility of the Project with the surrounding land uses and visual resources in the area.

**THREE RIVERS 230kV TRANSMISSION LINE PROJECT
DOCKET NO. L-00000D-21-0292-00193**

WITNESS SUMMARY
of
Chris Curtis

September 24, 2021

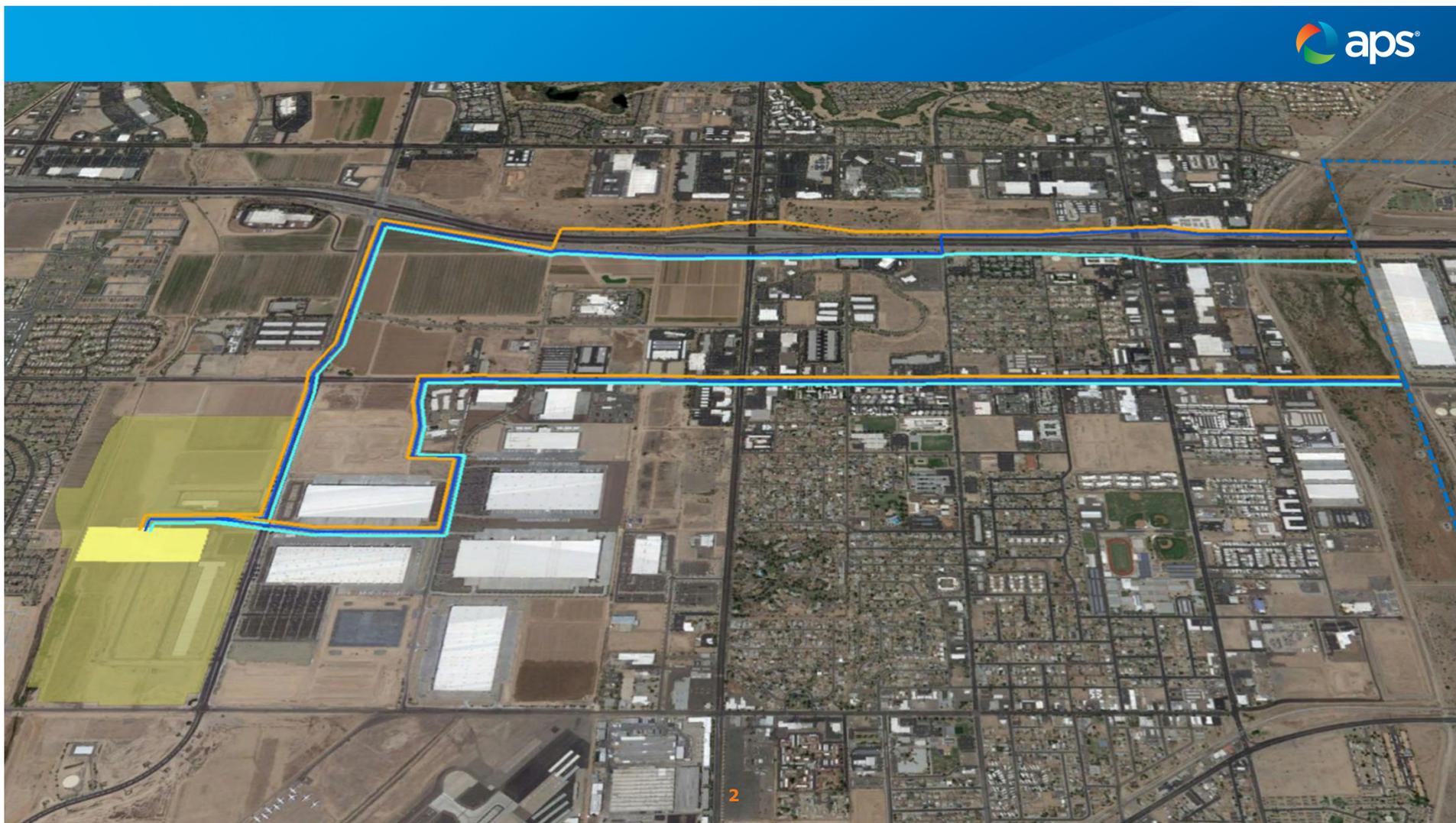
Mr. Curtis is Sr. Vice President, Development & Acquisitions, Compass Datacenters (Compass). Mr. Curtis' testimony will cover Compass's operations, the data center's system reliability requirements and anticipated load. Mr. Curtis may also provide information about data centers generally, and in particular Compass Datacenters, as well as the economic benefits for the state of Arizona anticipated from Compass's operations in the state.

Three Rivers 230kV Transmission Line Project

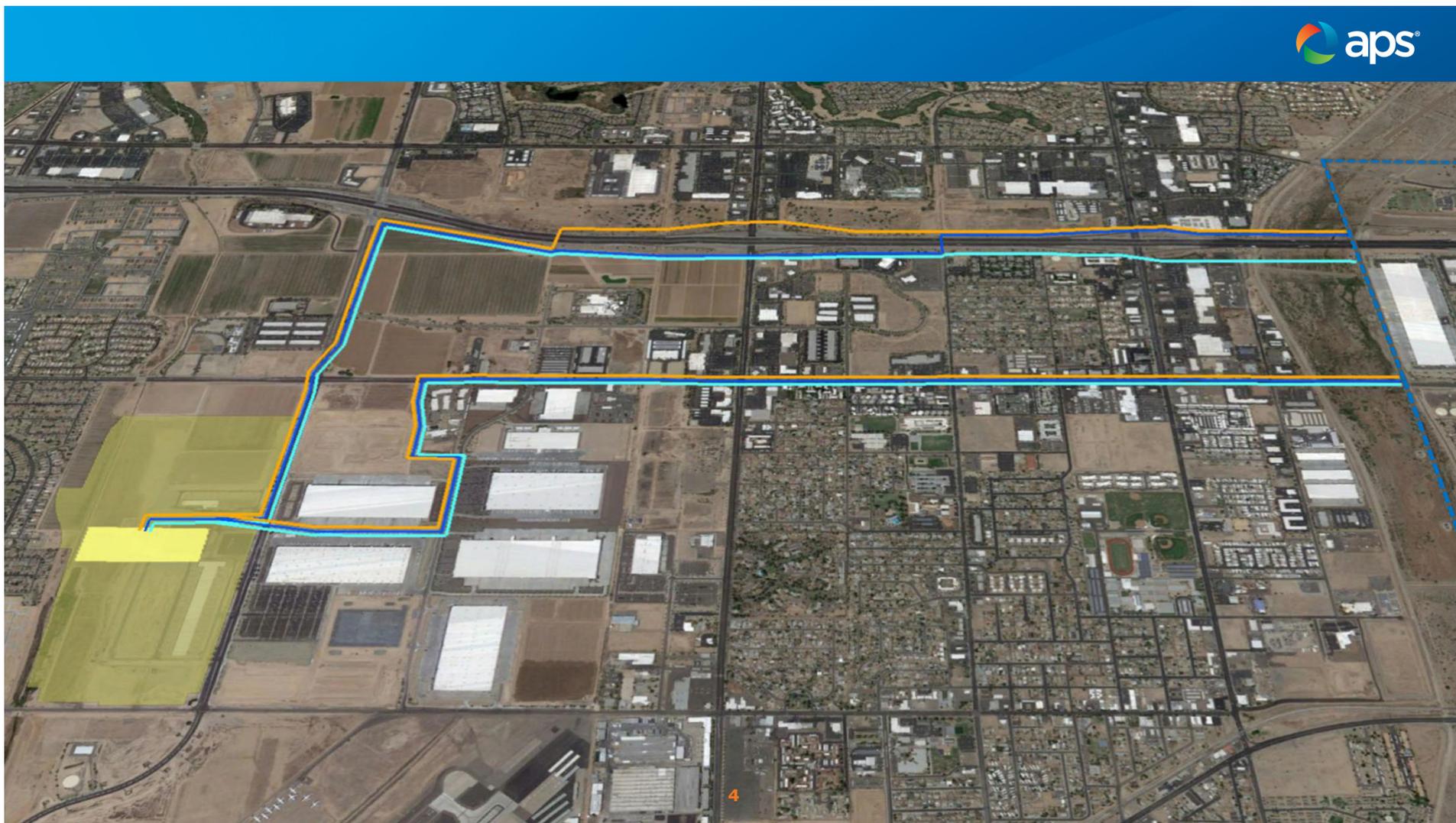
**Application for a Certificate of
Environmental Compatibility
Case No. 193**

Prepared for
Arizona Power Plant and Transmission Line Siting Committee





Introduction of Witness Panel

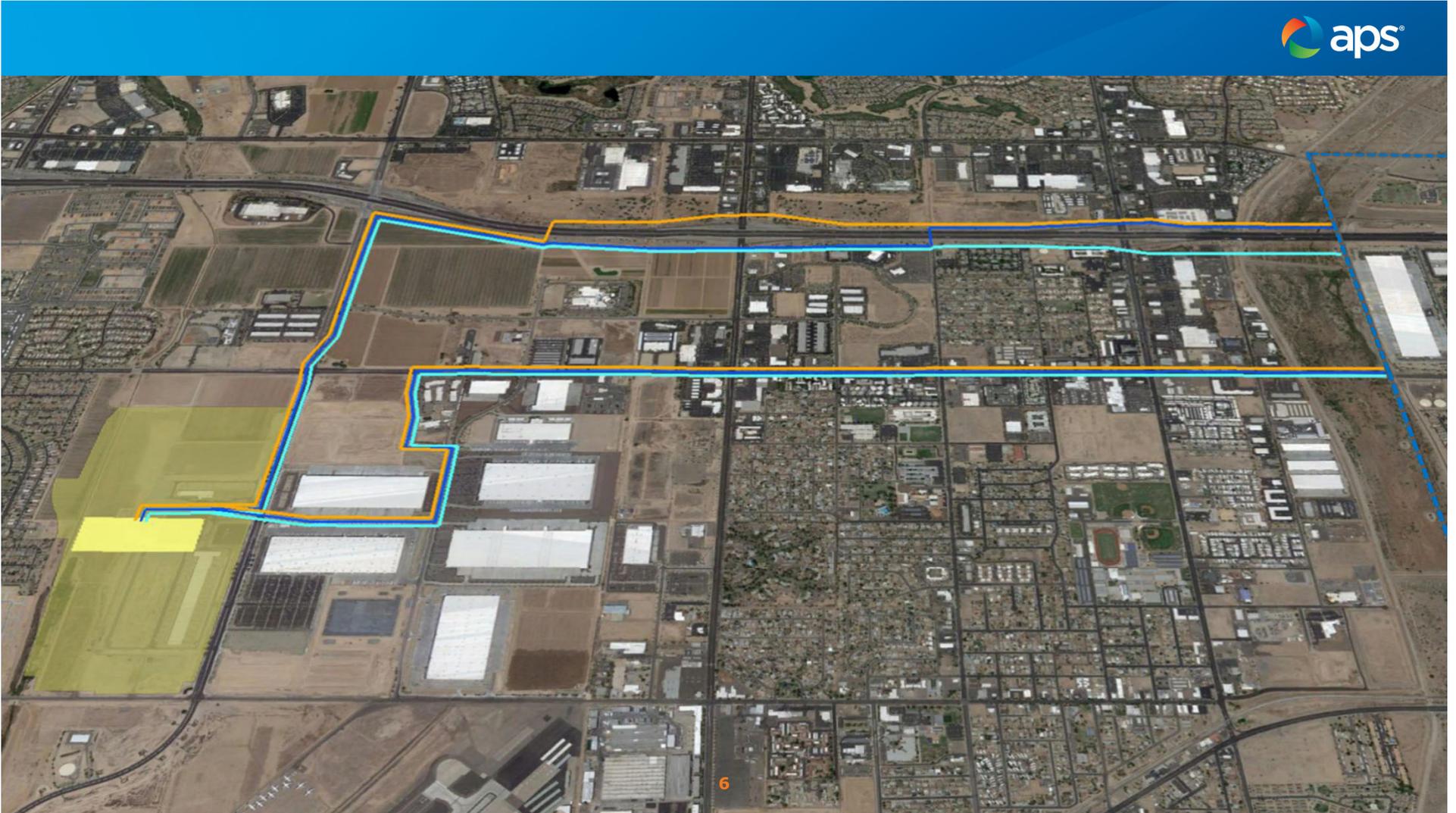




David Wiley, P.E.

Supervisor
Transmission Planning & Engineering

Arizona Public Service Company





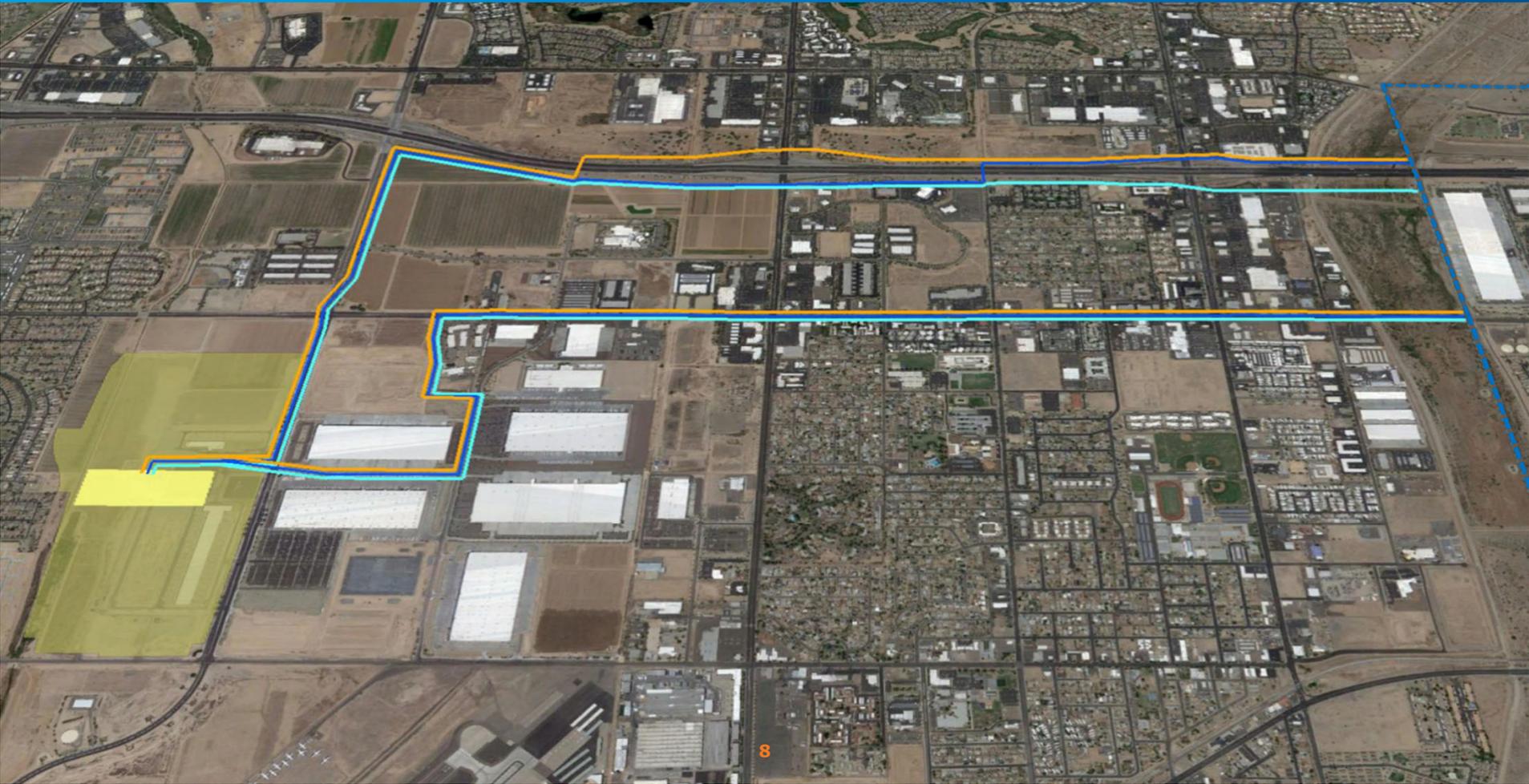
Witness Background

➤ Education

- Arizona State University
 - Bachelor of Science in Electrical Engineering (2013)
 - Master of Science in Electrical Engineering (2014)

➤ Professional Experience

- Seven years with APS
 - Transmission Planning Engineer
 - Currently Supervisor of Transmission Planning & Engineering
- Licensed Professional Engineer in Arizona





Witness Background

- Industry Experience
 - Member of various WECC committees
 - Member of WestConnect's Planning Management Committee
 - APS subject matter expert for 11th BTA
 - Phoenix Chapter Chair of IEEE Power and Energy Society (2017-2018)

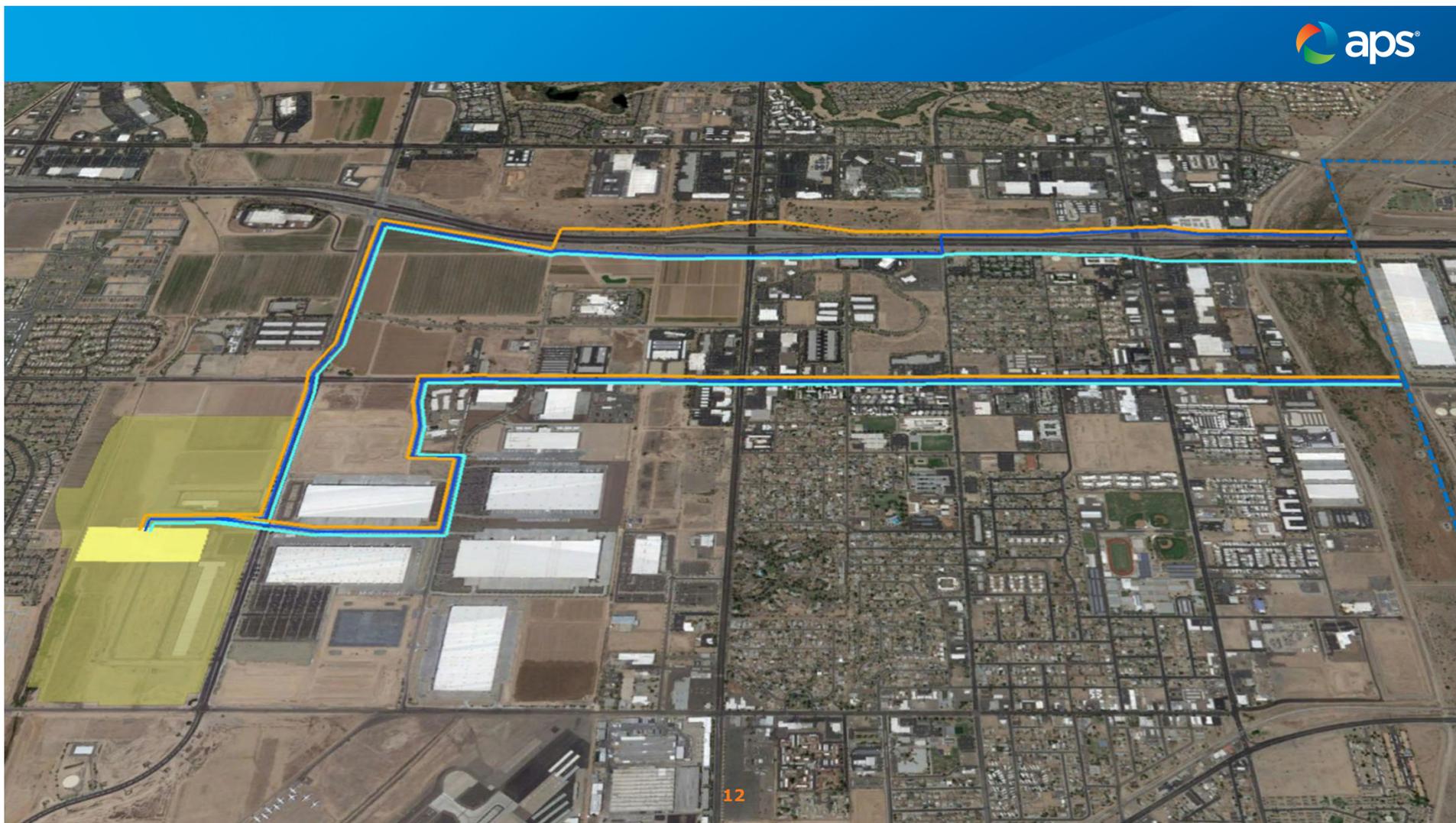




Stephen Eich, SR/WA

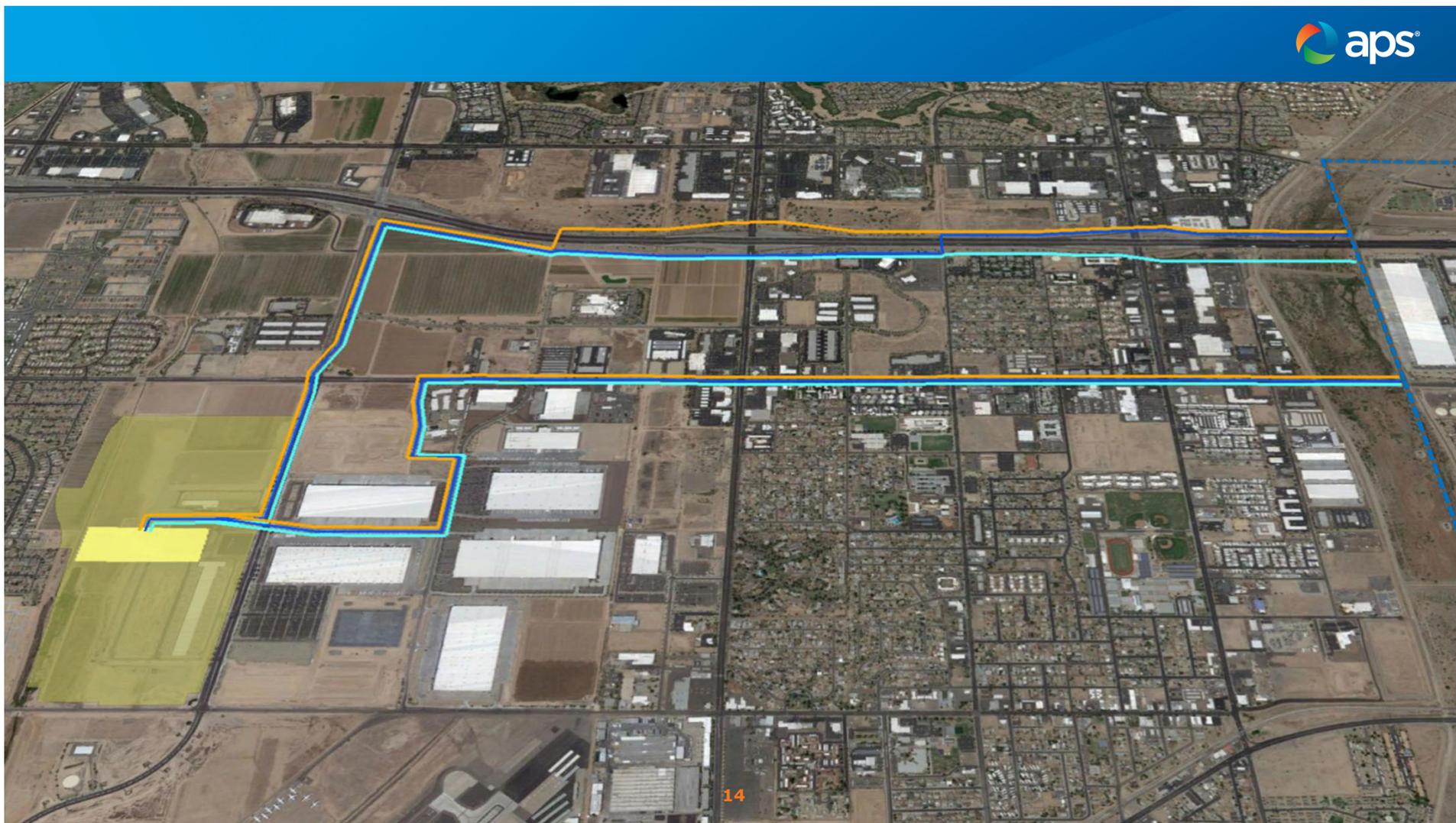
Project Manager
Transmission and Facility Siting





Witness Background

- Professional Experience
 - 15 years of experience at APS
 - Survey Instrument Operator (Customer Construction)
 - Service Coordinator (Customer Construction)
 - Right of Way Agent
 - Land/Easement acquisition
 - Government permitting (Federal/NEPA, State & Local)
 - Transmission and Facility Siting Consultant
 - International Right of Way Association (IRWA)
 - Senior Right of Way Professional





Paul Trenter

Principal

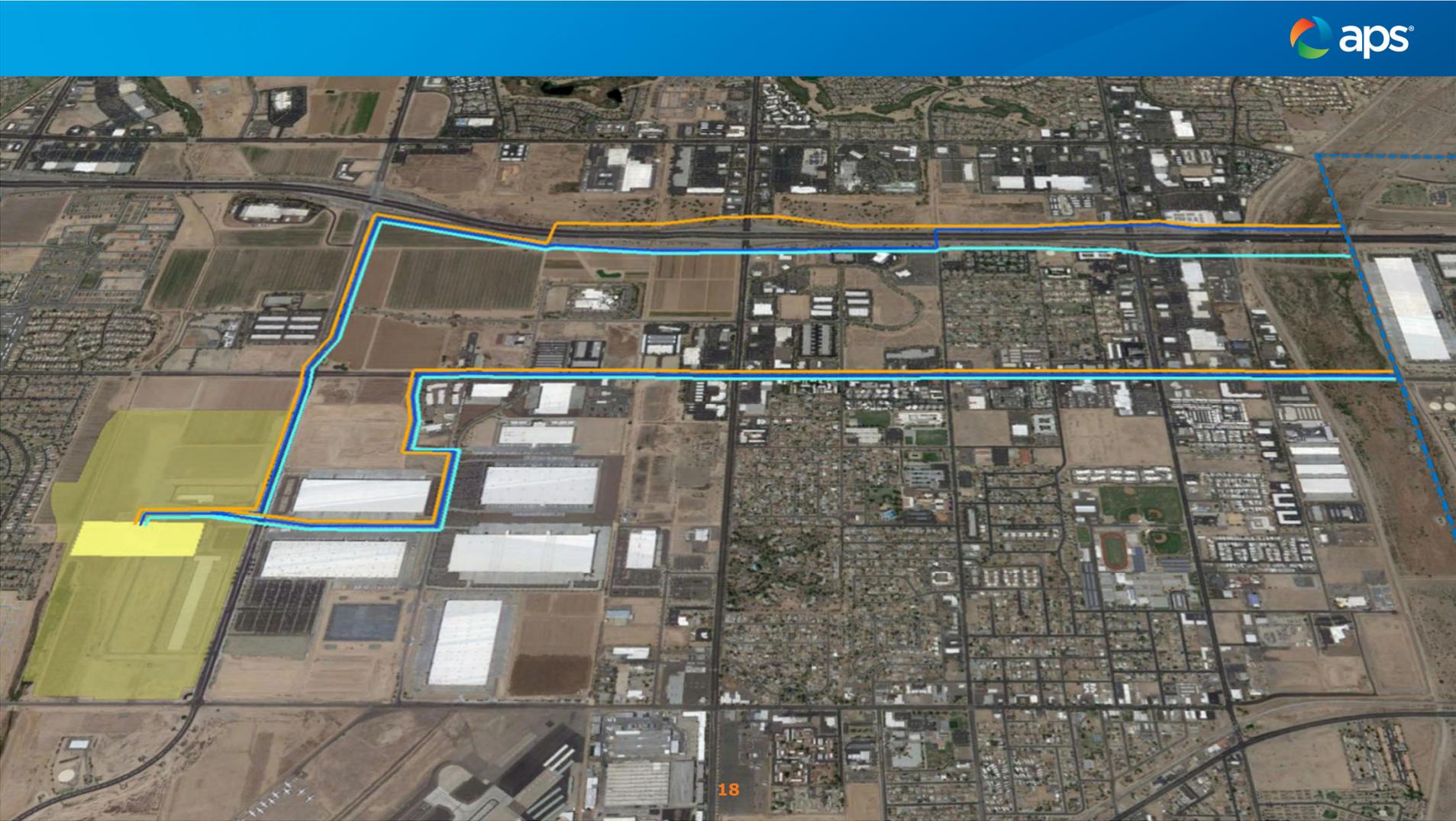






Witness Background

- Education
 - University of Wisconsin
 - Bachelor of Science, Landscape Architecture
- Professional Experience
 - CEO and Principal
 - More than 30 years of experience in utility planning and permitting
 - Provided testimony and/or supervision on more than 20 siting cases before the Arizona Power Plant and Transmission Line Siting Committee

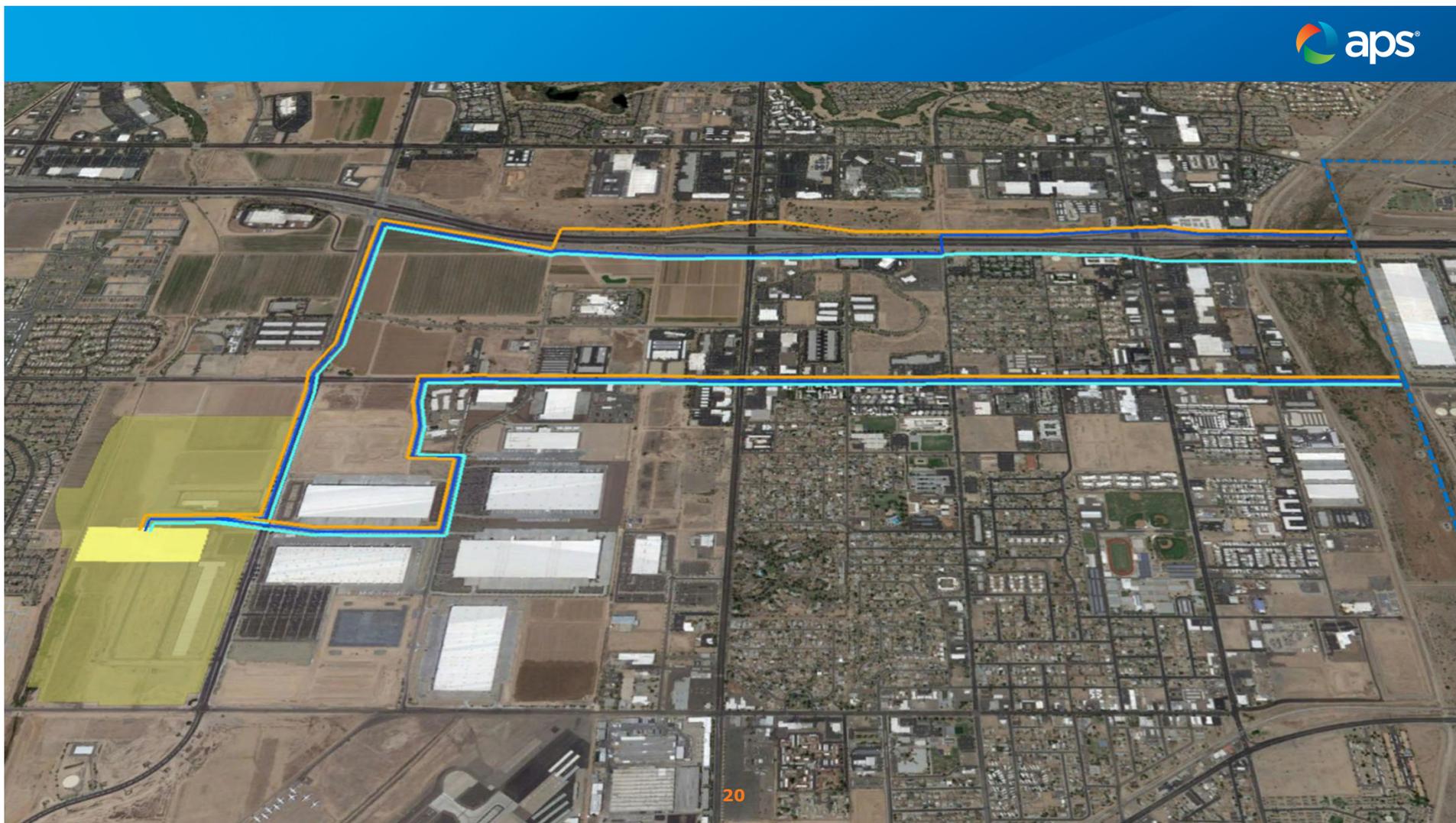




Teresa O'Neil

Environmental Planner





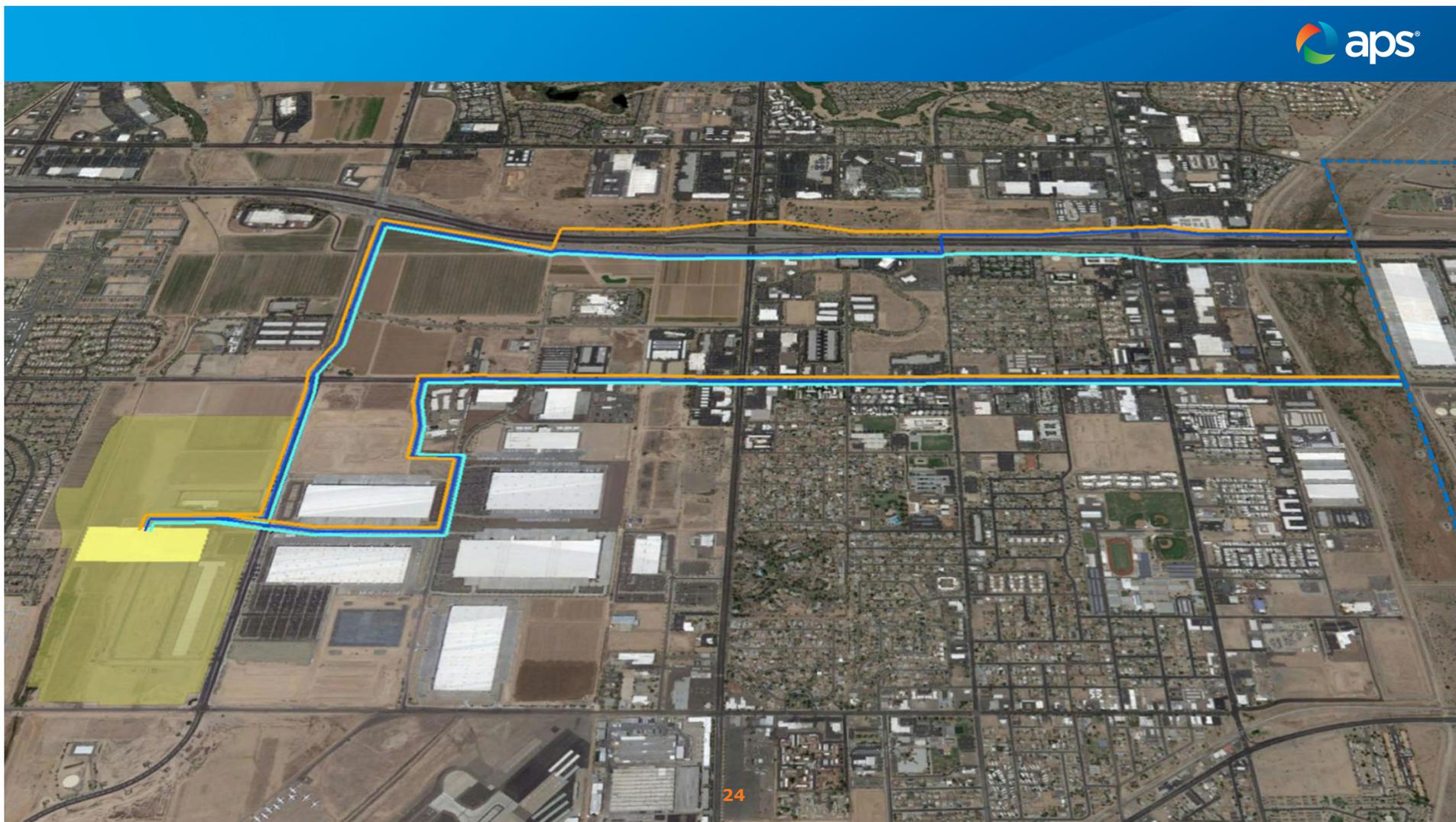
Witness Background

- Education
 - University of Illinois
 - Bachelor of Science, Landscape Architecture
- Professional Experience
 - Project manager and environmental planner
 - 15 years experience with utility, transportation, and planning studies
 - Managed or participated in more than 40 environmental planning projects





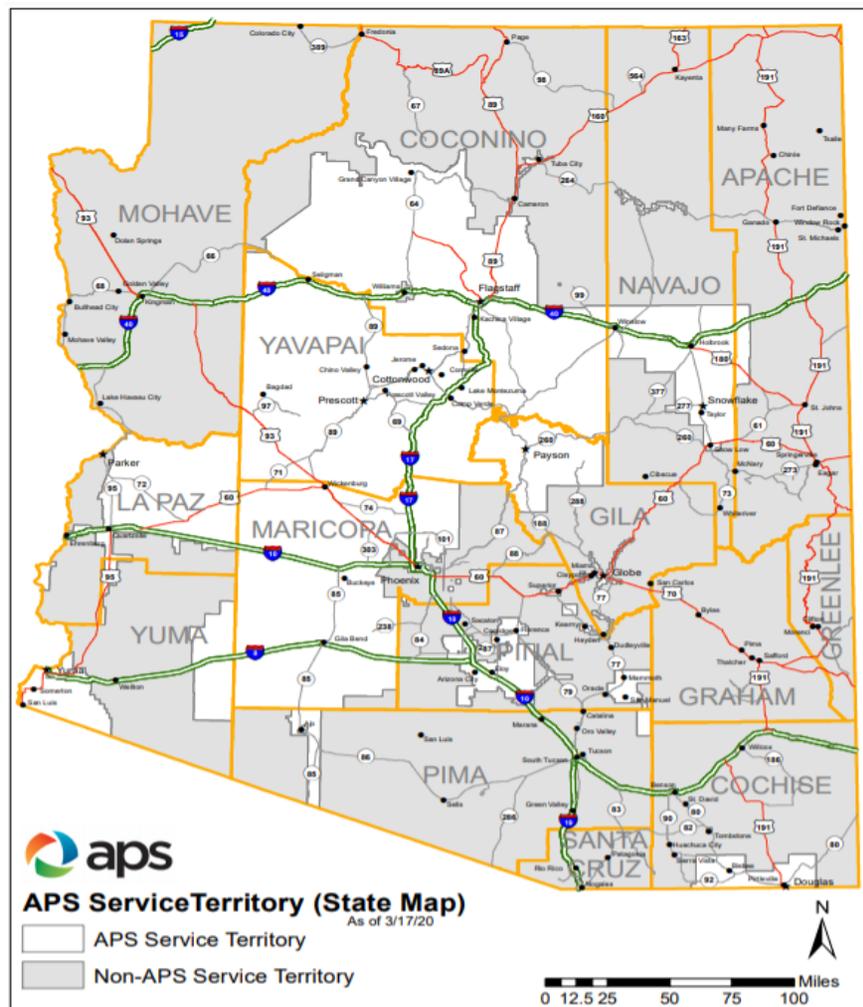
APS Service Territory and Transmission System





APS Service Territory

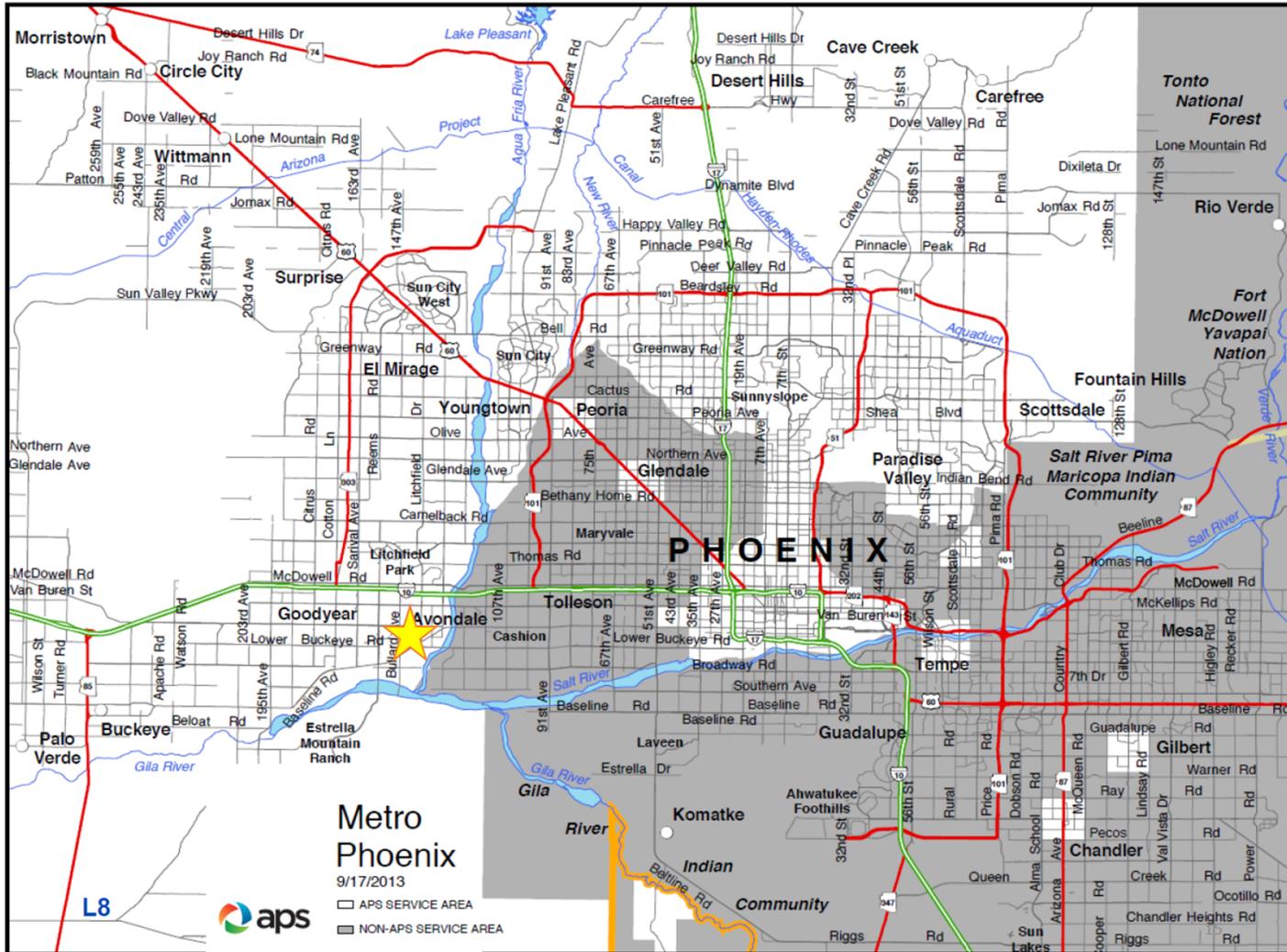
- Serving Arizona for over 125 years
- Serving about 1.3 million customers
- Peak demand of 7,700MW (7/30/2020)
- Nearly 500 substations, roughly 300,000 transformers, and more than 550,000 poles and structures
- Approximately 6,000 miles of transmission lines, 11,000 miles of overhead lines, and 22,000 miles of underground cable
- 11 of Arizona's 15 counties
- 34,646-square-mile service area





APS Service Territory

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- 11 of Arizona's 15 counties
- 34,646-square-mile service area
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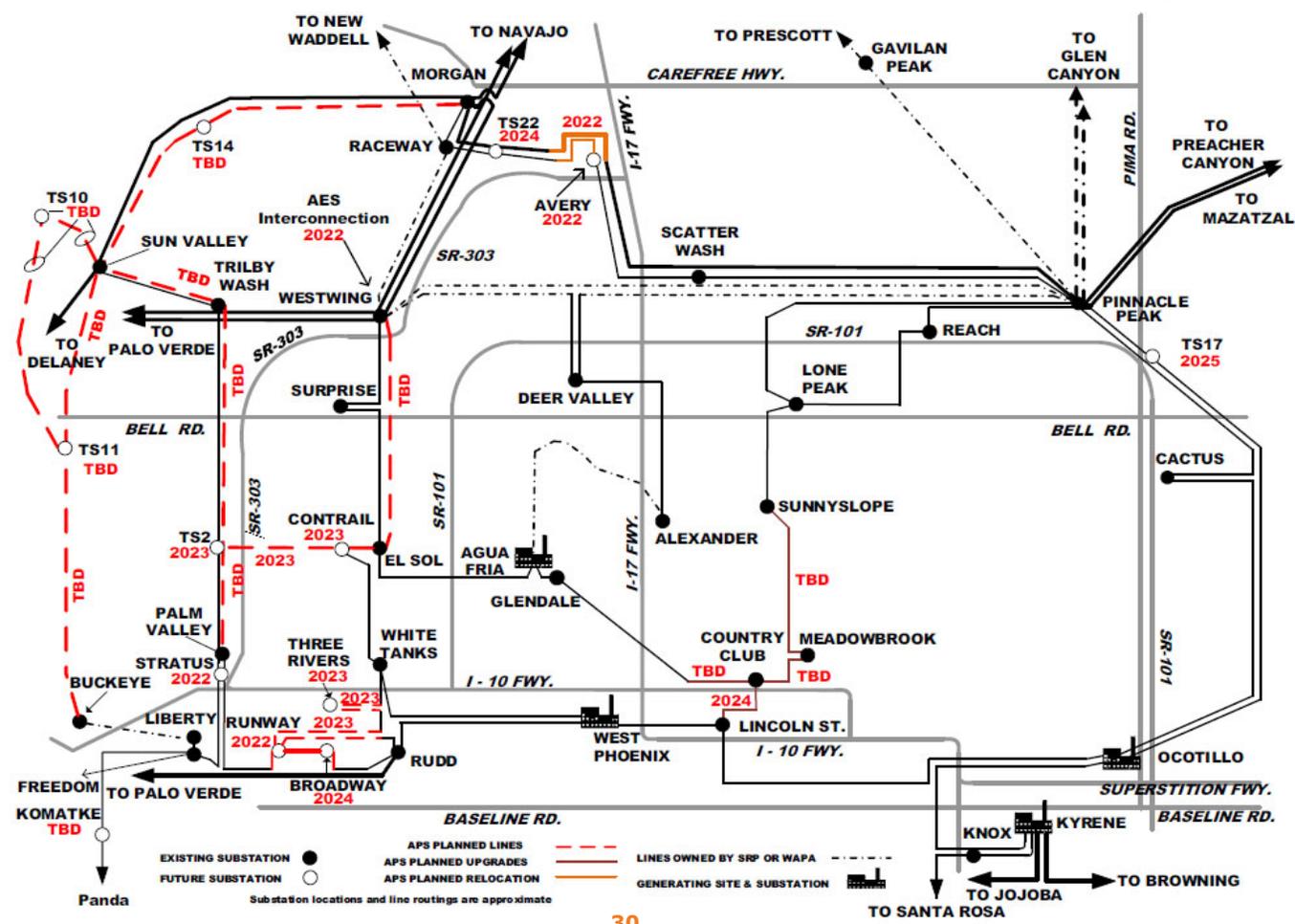




Existing Facilities Near Project Area

- One 500/230kV substation
- Three 230/69/12kV substations
- 10 additional 69/12kV substations serving the greater area
- Five 230kV substations under development to support data centers

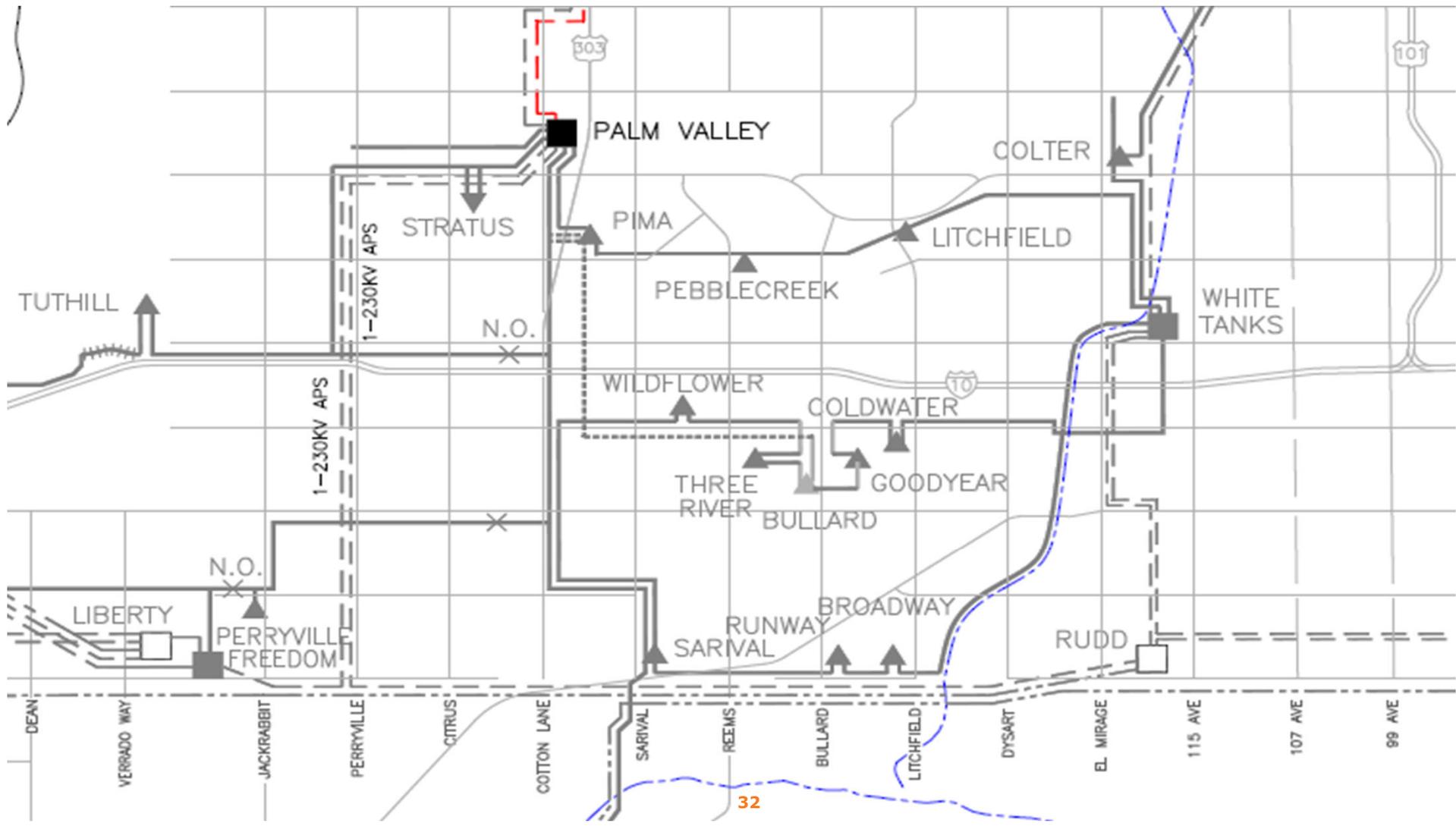
PHOENIX METROPOLITAN AREA TRANSMISSION PLANS





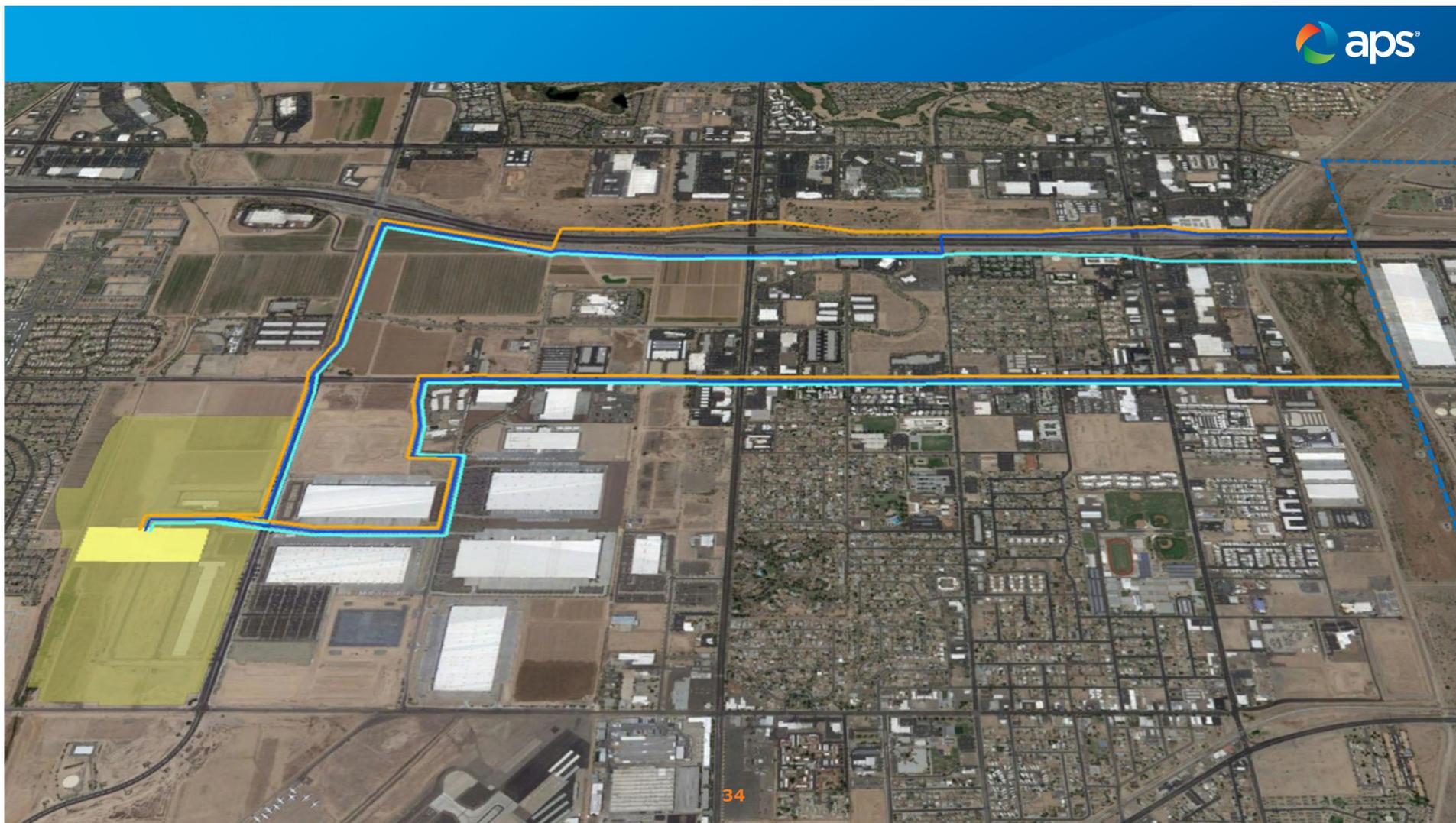
Existing Facilities Near Project Area

- One 500/230kV substation
- Three 230/69/12kV substations
- 10 additional 69/12kV substations serving the southwest valley
- Five 230kV substations under development to support data centers





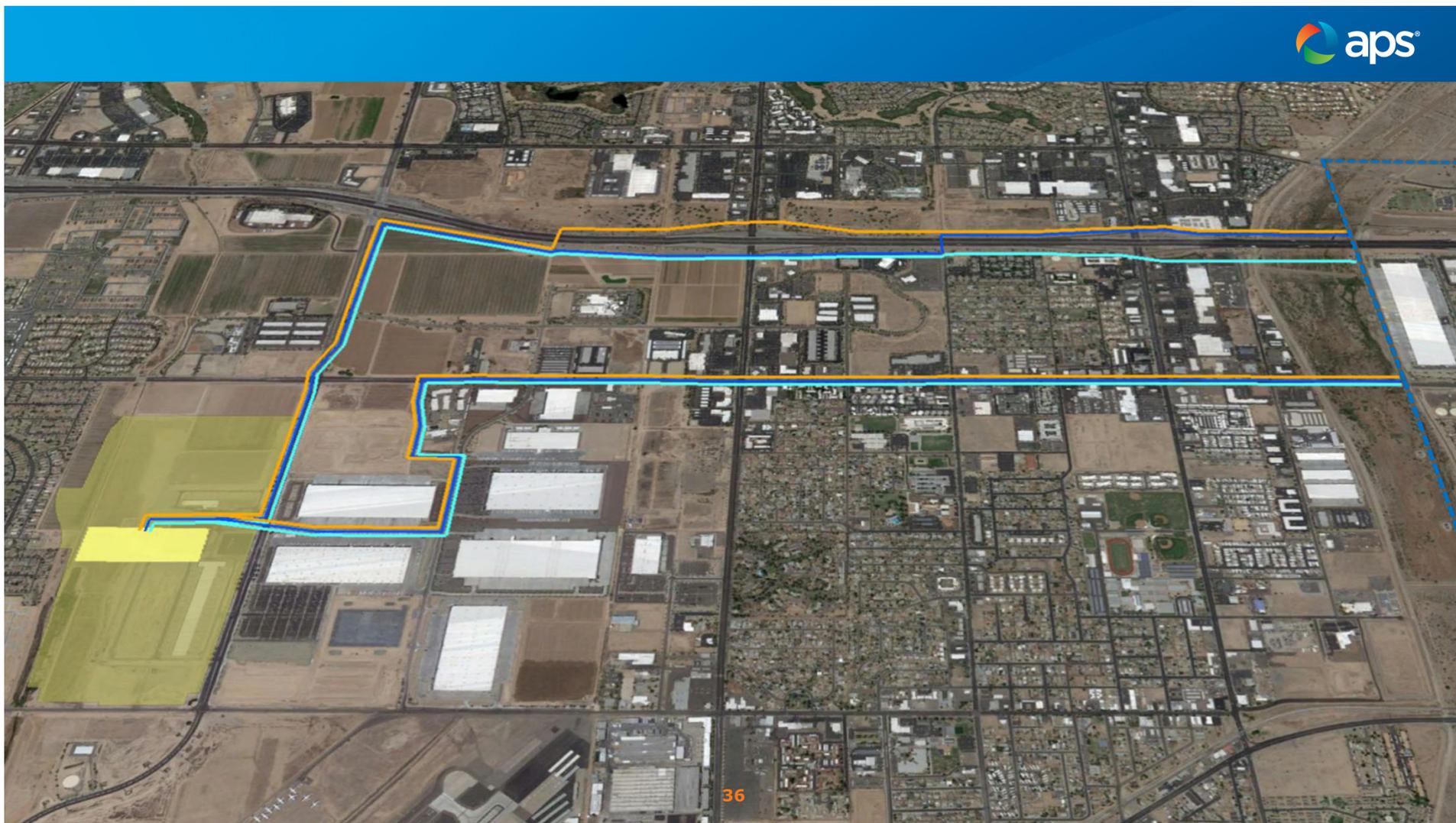
Compass Datacenters



Chris Curtis

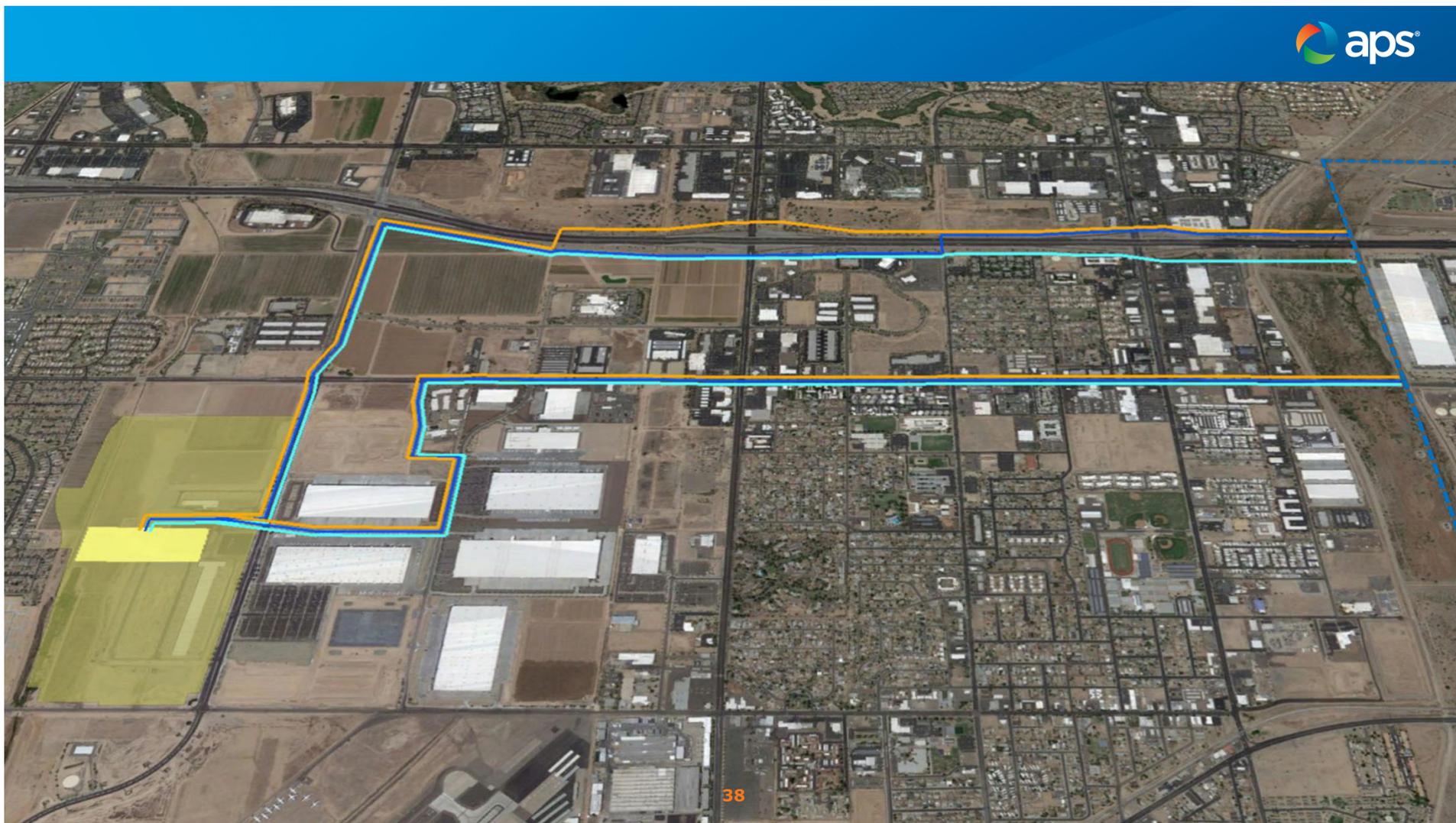
Senior Vice President
Development & Acquisitions







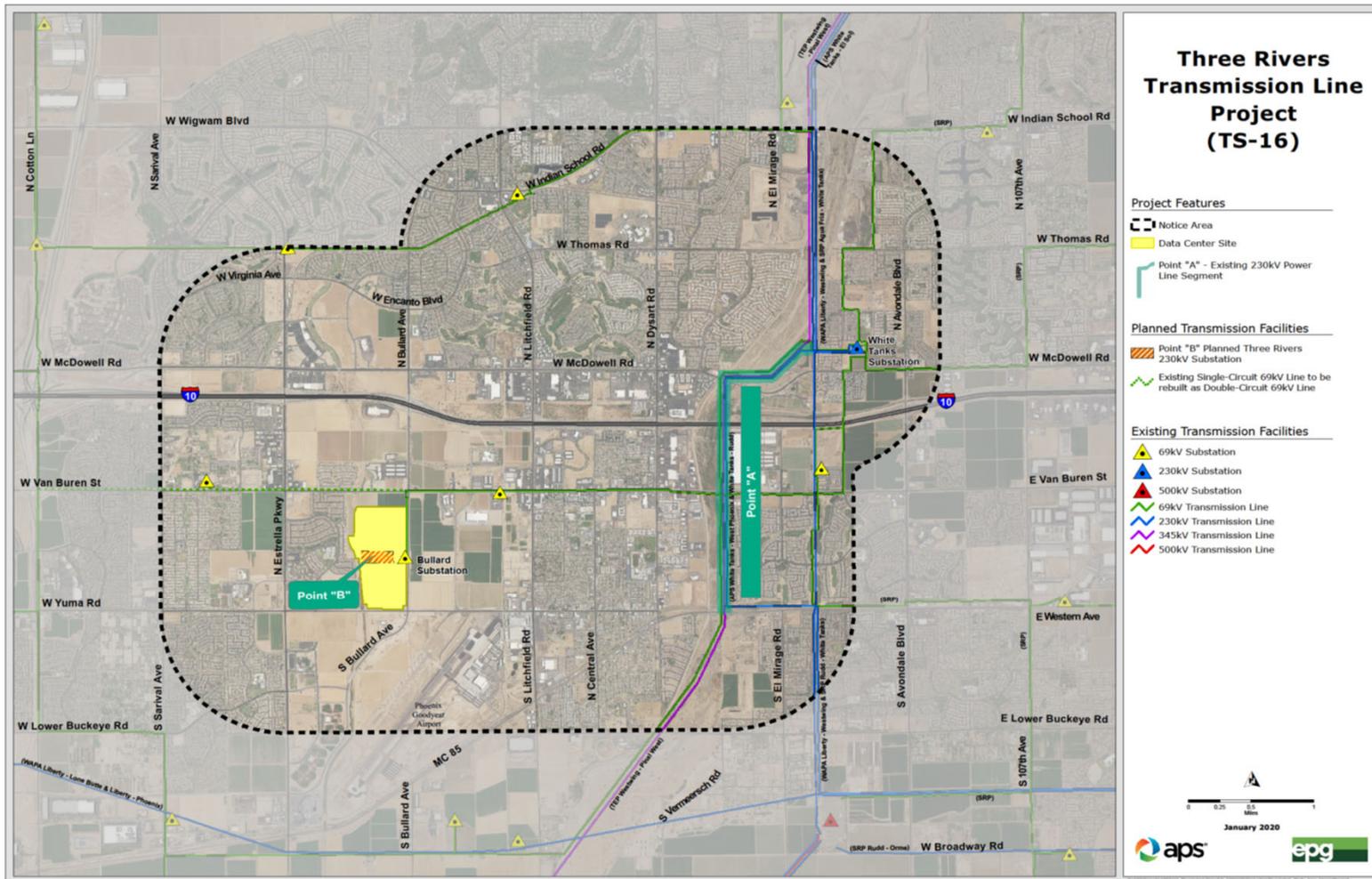
Purpose and Need



Purpose and Need

- Serve new data center load in Goodyear
 - Compass Datacenters (360MW at full build-out)

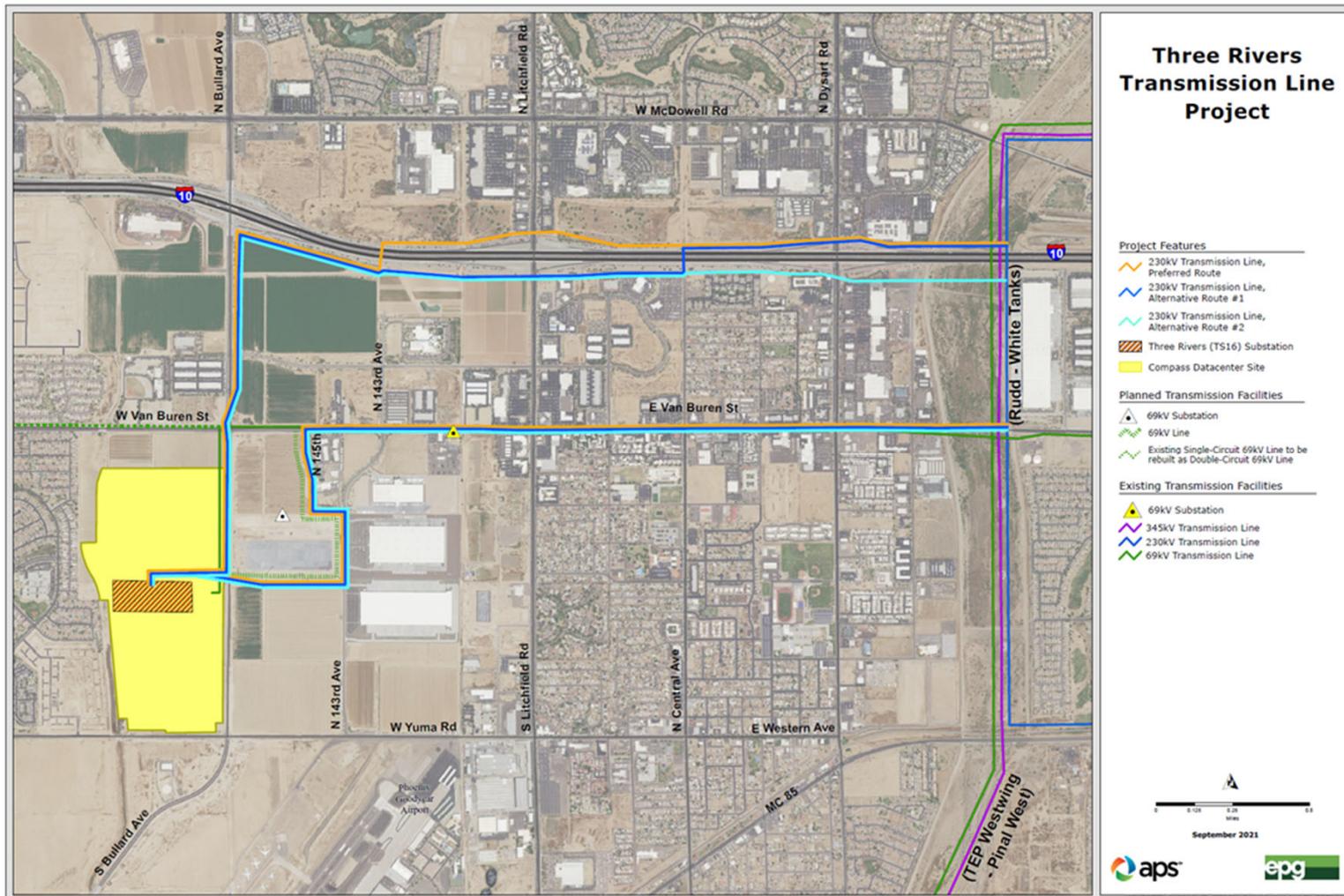
- 230kV facilities needed to serve loads of this size
 - Initial service is being served from the 69kV system
 - Limited load serving ability at 69kV



Purpose and Need

- Service from 230kV system meets long term needs for customer and continuing growth in surrounding area
 - Reliability of 69kV and 230kV systems are maintained with service from the 230kV
 - 230kV is designed to handle larger power transfers
 - Minimizes impacts to the 69kV system

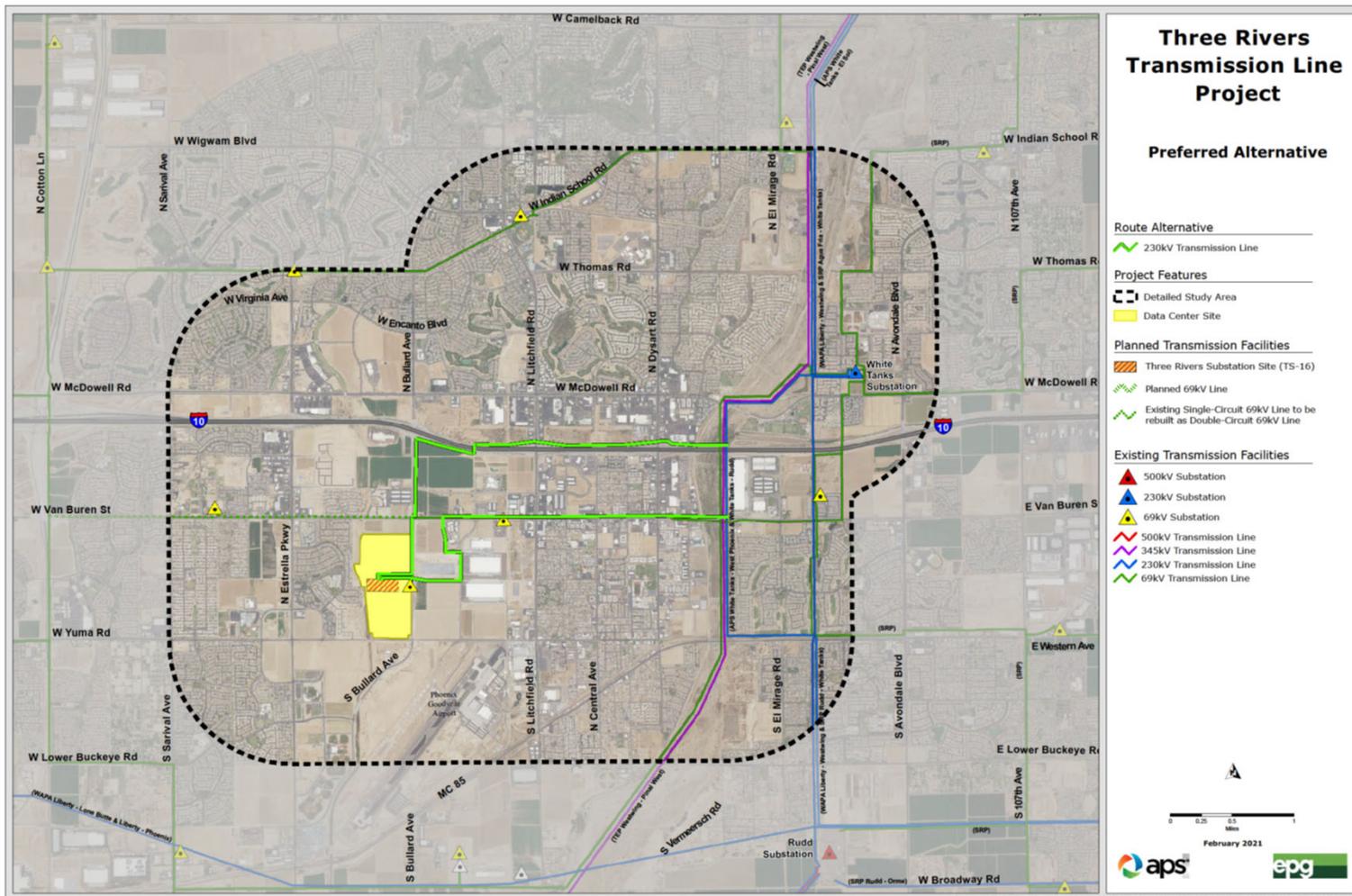
- Preferred route and alternatives meet the need
 - No load loss for single contingencies



Substation Overview

- Three Rivers Substation is centrally located within Compass Datacenters' site

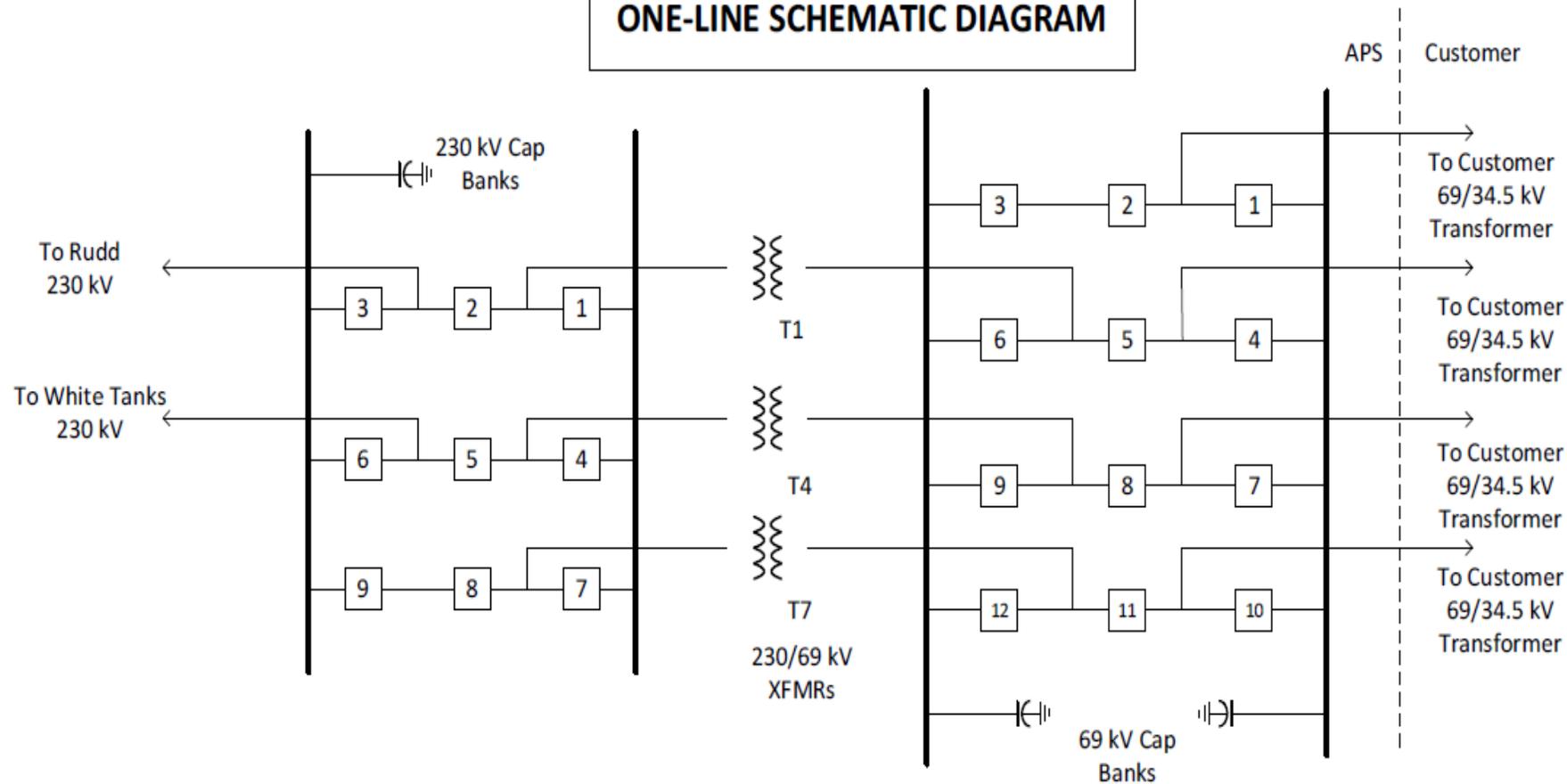
- 230/69kV substation
 - Two 230kV lines
 - Three 230/69kV transformers
 - Four 69kV feeders



Substation Overview

- Three Rivers Substation is centrally located within Compass Datacenters' site
- 230/69kV substation
 - Two 230kV lines
 - Three 230/69kV transformers
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THREE RIVERS SUBSTATION – ONE-LINE SCHEMATIC DIAGRAM

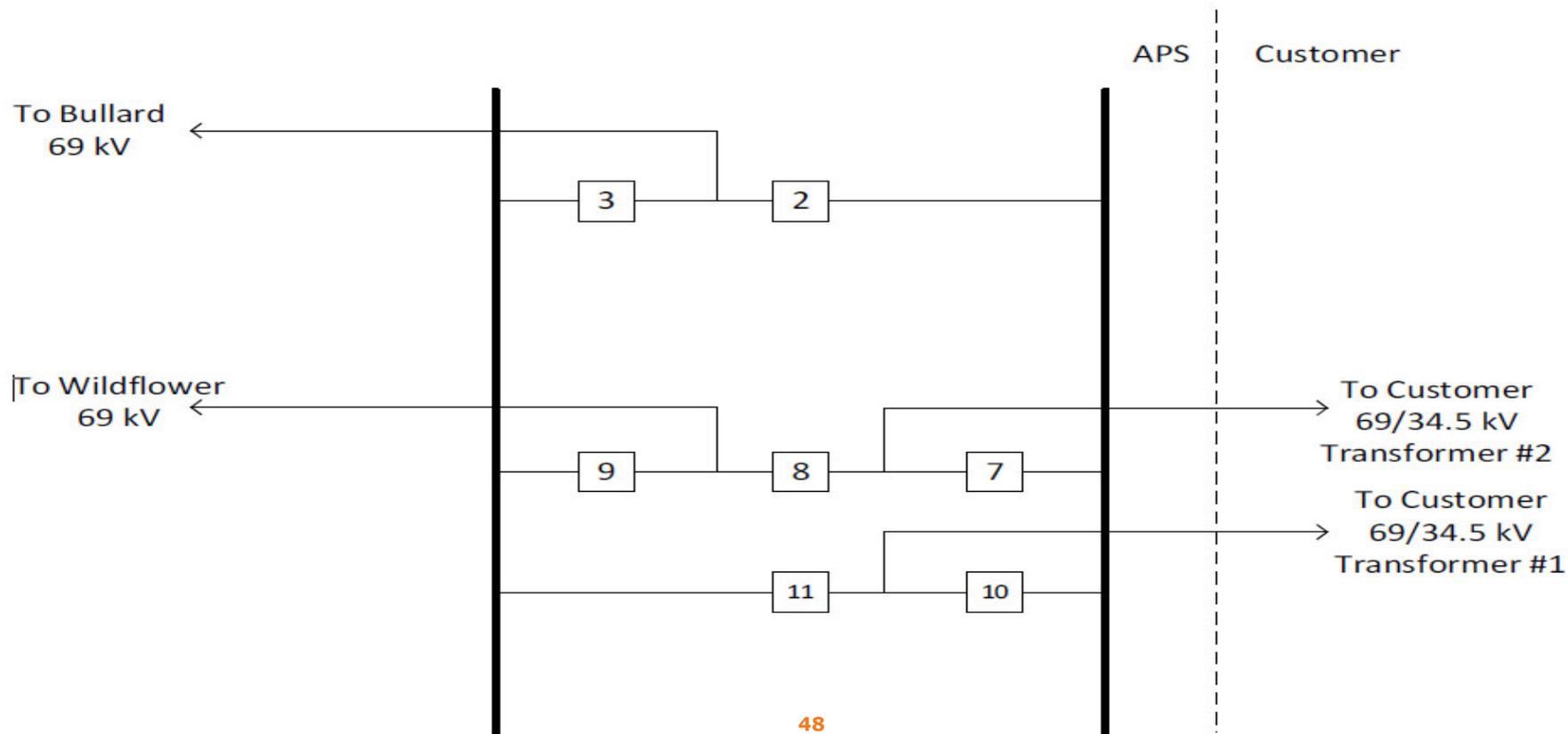




Development Status

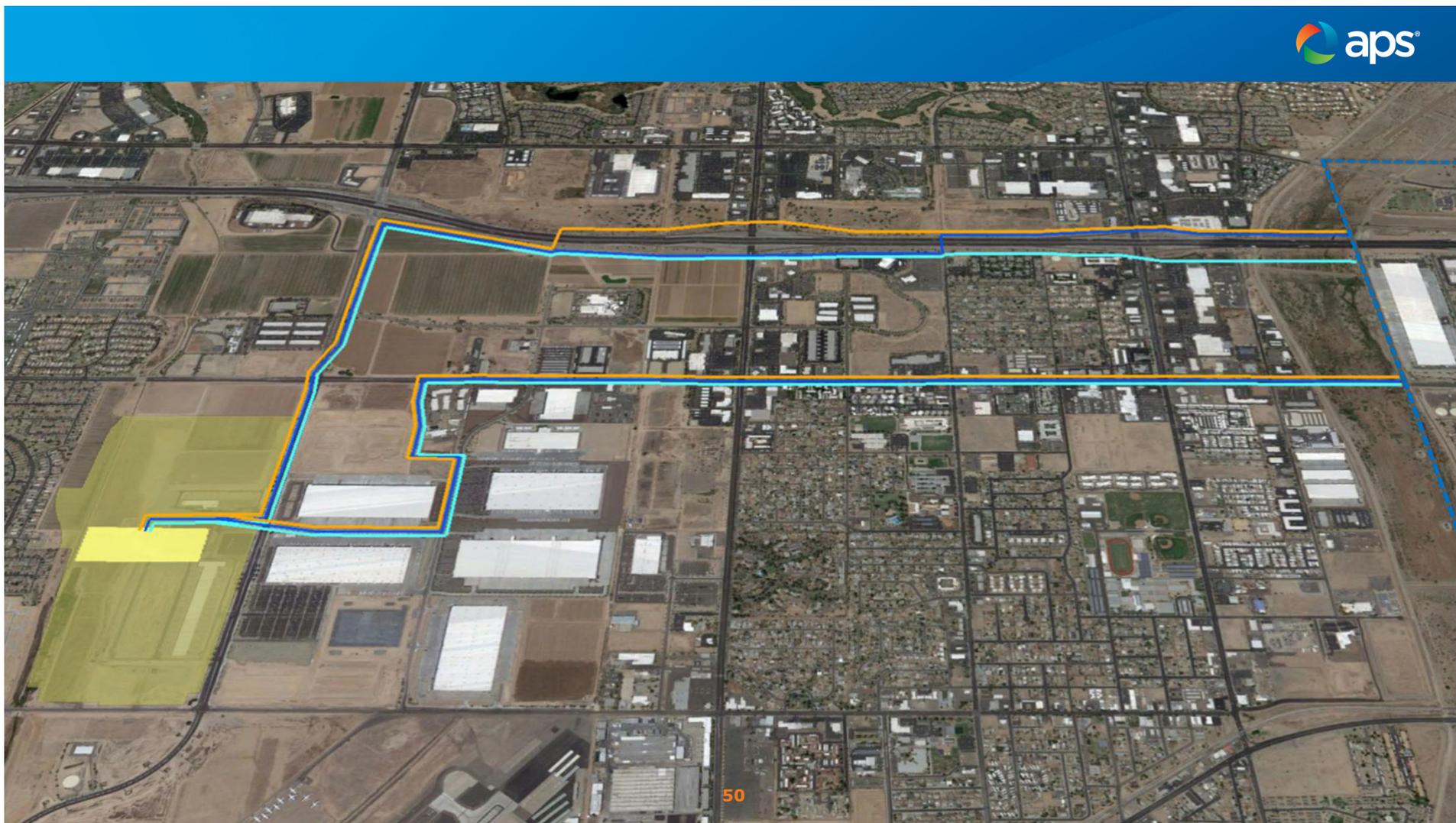
- June 2020, APS energized the 69kV switchyard
- Looped into the Wildflower – Bullard 69kV line
- Two 69kV feeds
- Provides service to the first phase (90 MW)
- 230kV construction planned to begin in 2022

THREE RIVERS SUBSTATION – ONE-LINE SCHEMATIC DIAGRAM





APS Ten-Year Plan

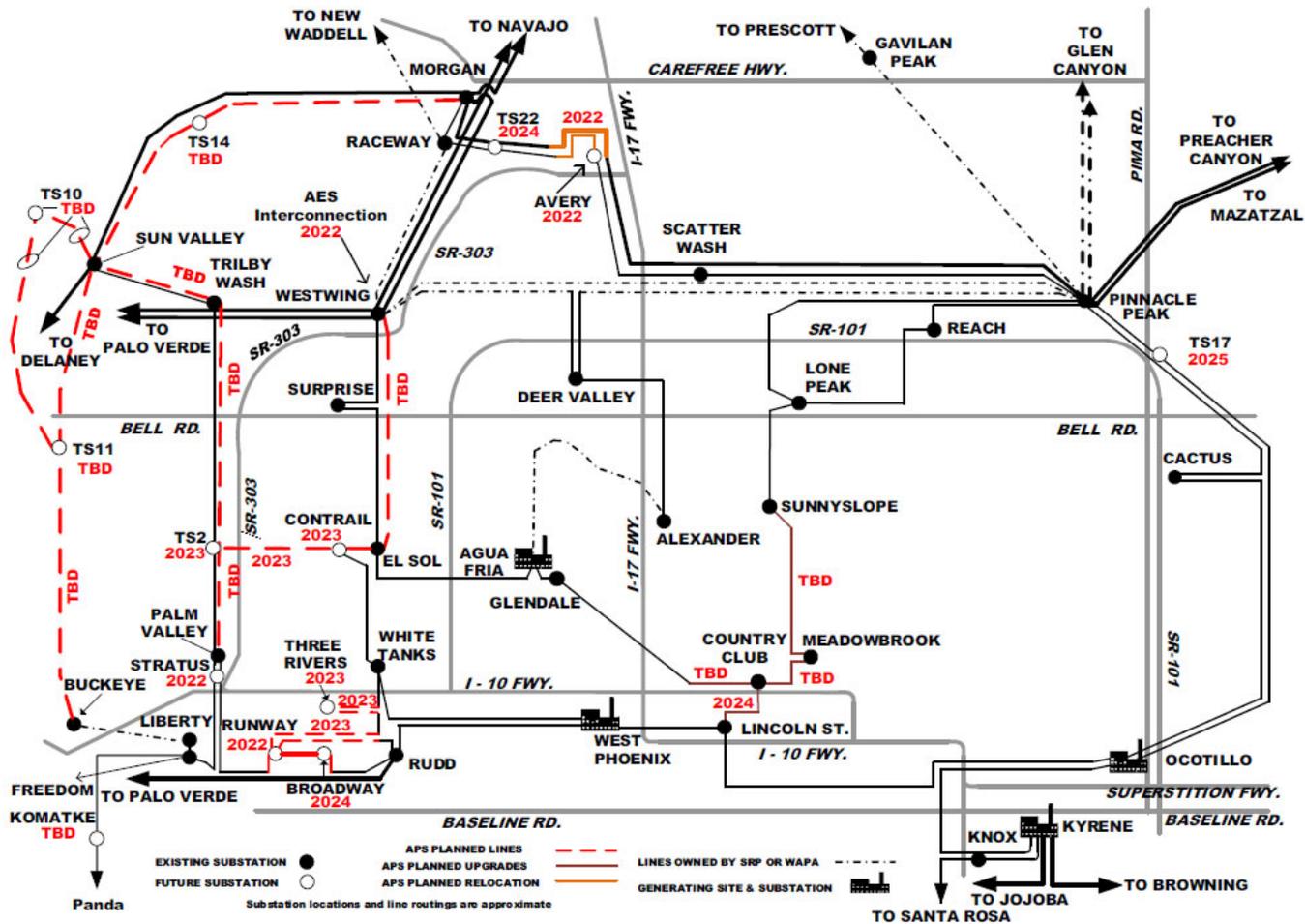




Inclusion in APS Ten-Year Plan

- First filed on June 12, 2019 as a supplement to APS's Ten-Year Plan
 - Included in subsequent filings on January 31, 2020 and January 29, 2021

PHOENIX METROPOLITAN AREA TRANSMISSION PLANS



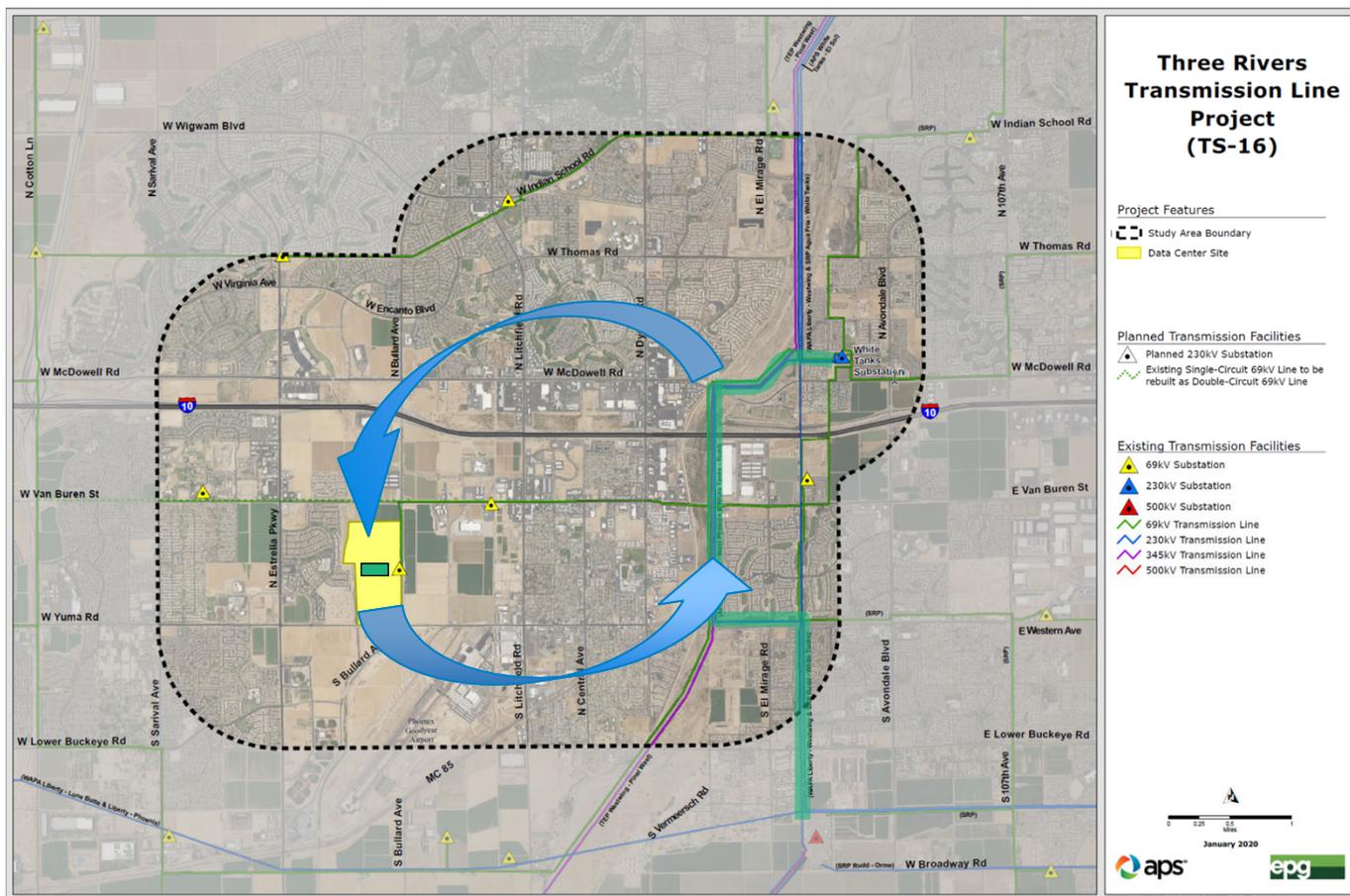


Project Overview



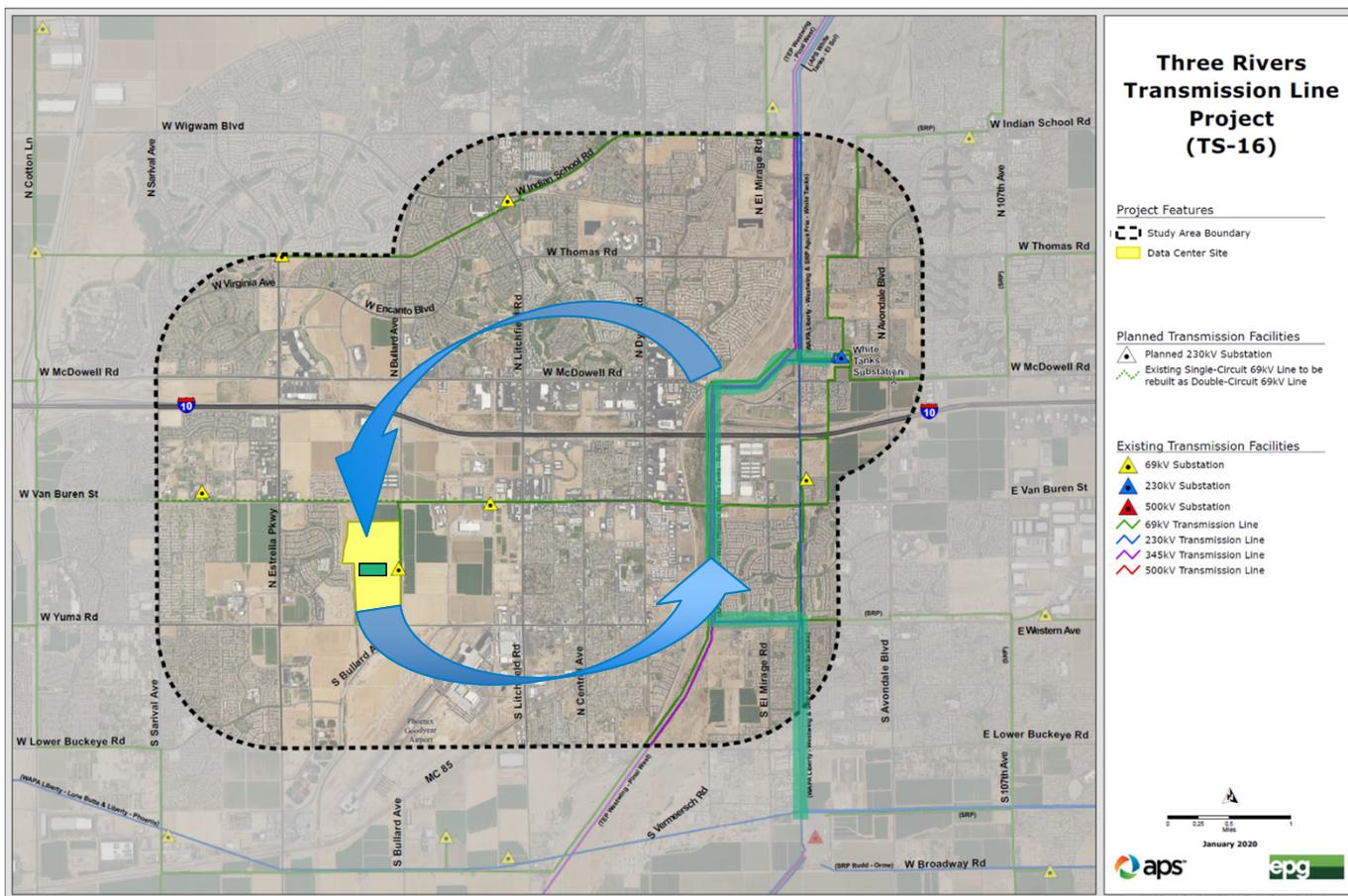
Project Overview

- Two separate single-circuit 230kV lines
- Connecting APS's Rudd-White Tanks 230kV transmission line to the Three Rivers Substation
 - Northern connection
 - Southern connection
 - Both connections form one entire route
- Substation located approximately 3 miles to the west of the existing Rudd-White Tanks 230kV line



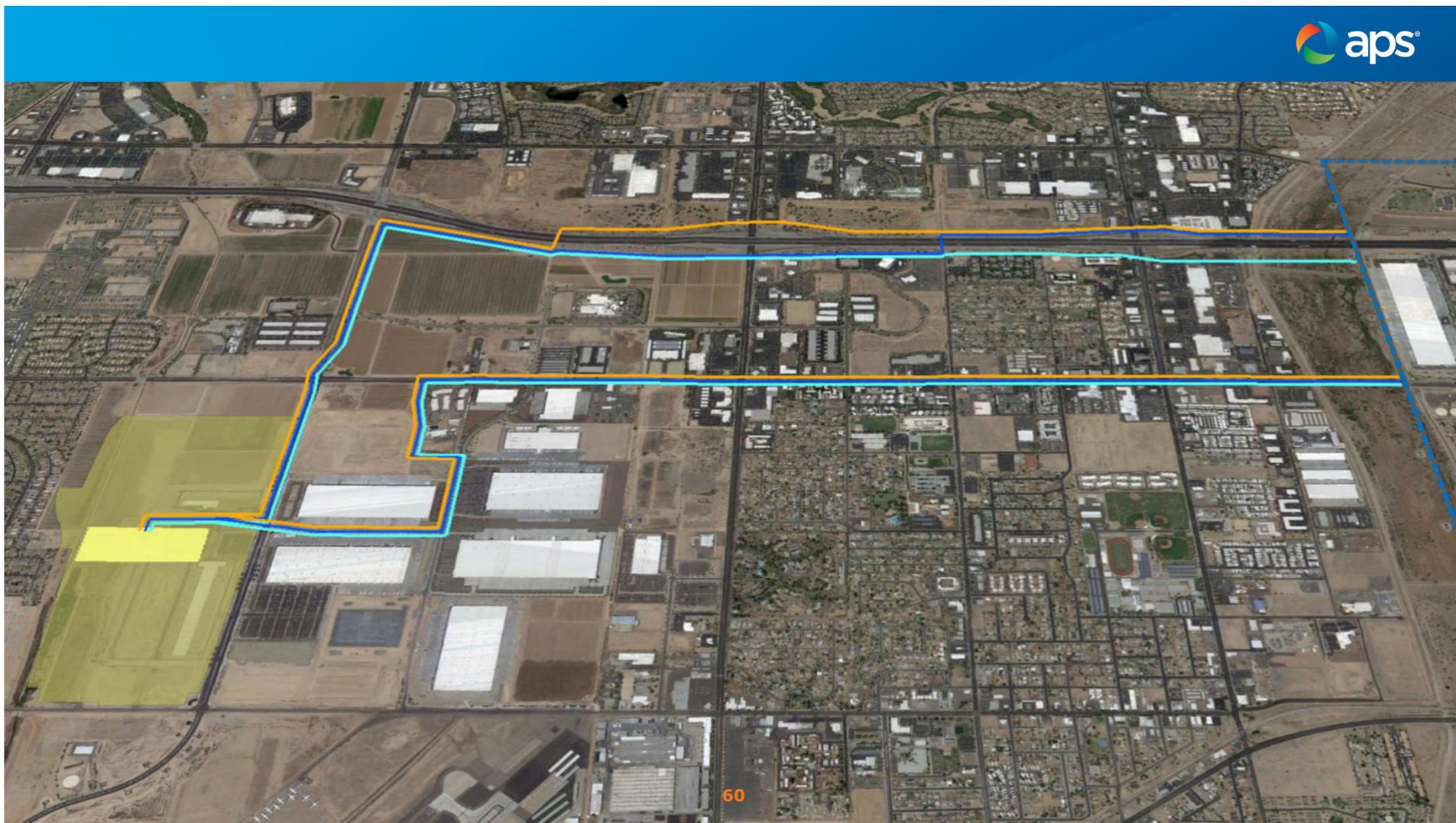
Project Overview

- Two locations planned as double-circuit 230kV
 - Entering and exiting substation
 - Freeway crossing (I-10)
 - Only one circuit to be energized for this project
 - 2nd circuit for future project(s) – not energized





Key Elements



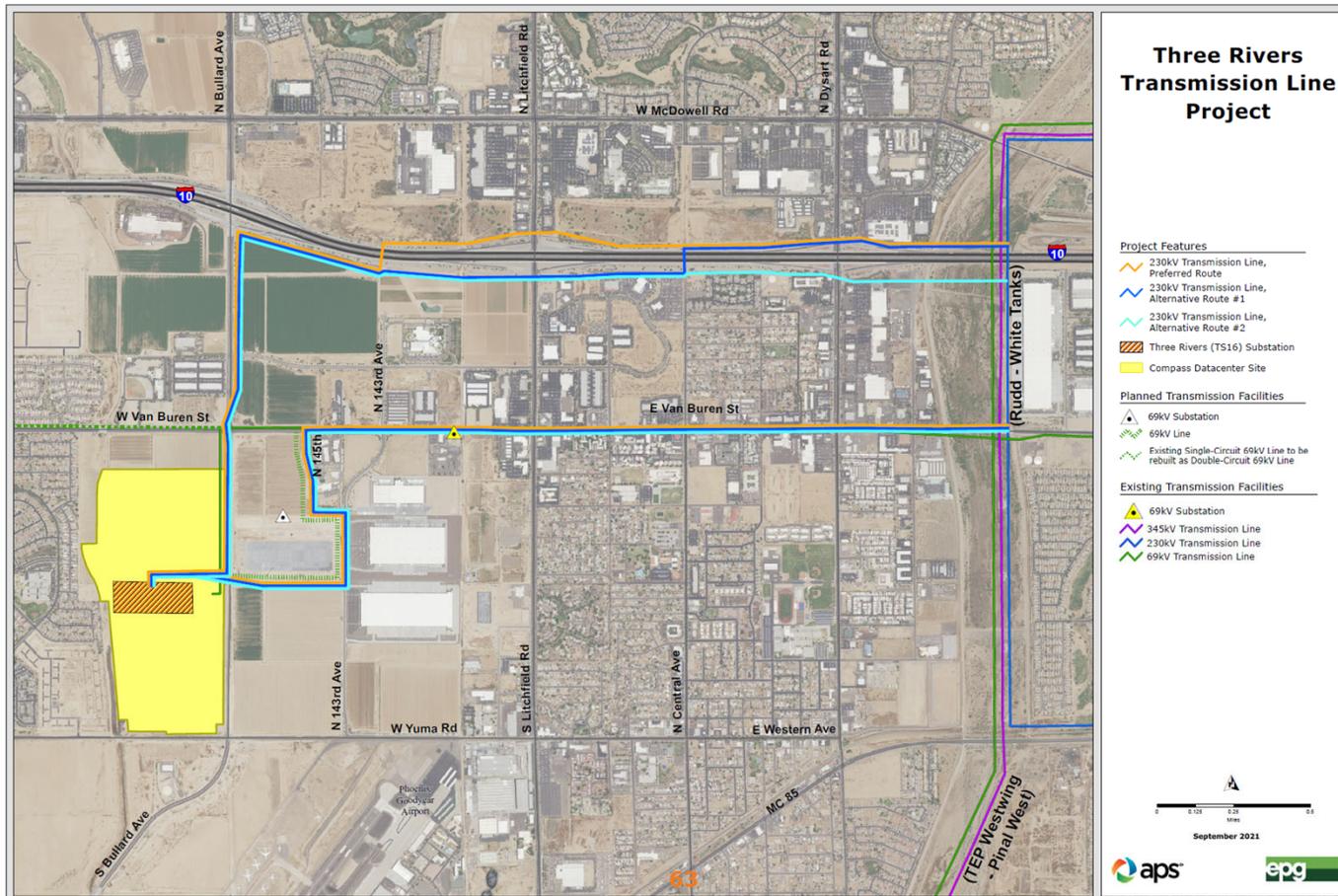
Key Elements

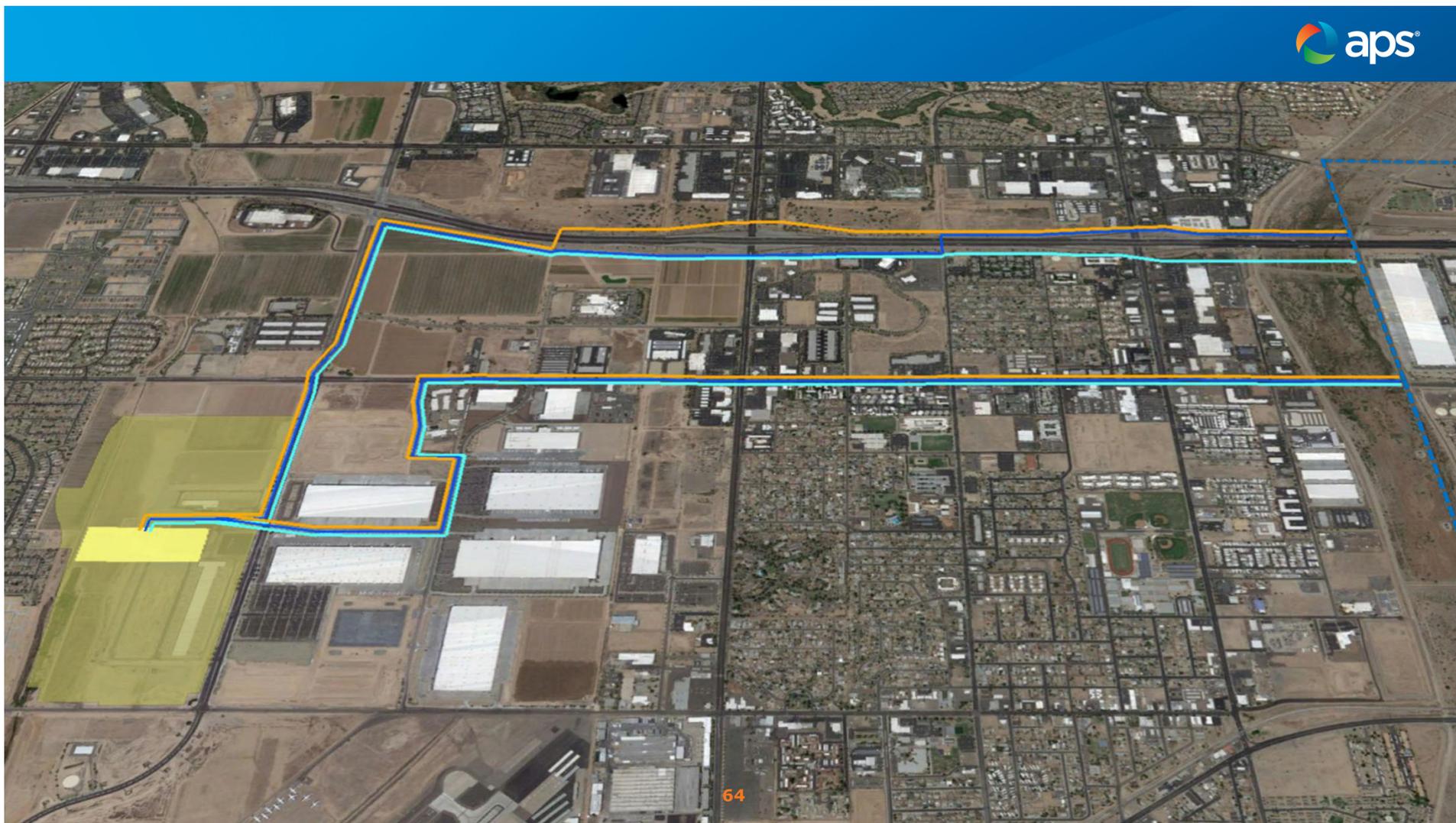
- Three Alternatives
 - Preferred Route (Orange)
 - Alternative Route #1 (Dark Blue)
 - Alternative Route #2 (Cyan)
- Alternatives differ only along I-10
- Approximately 70% of each alternative in common



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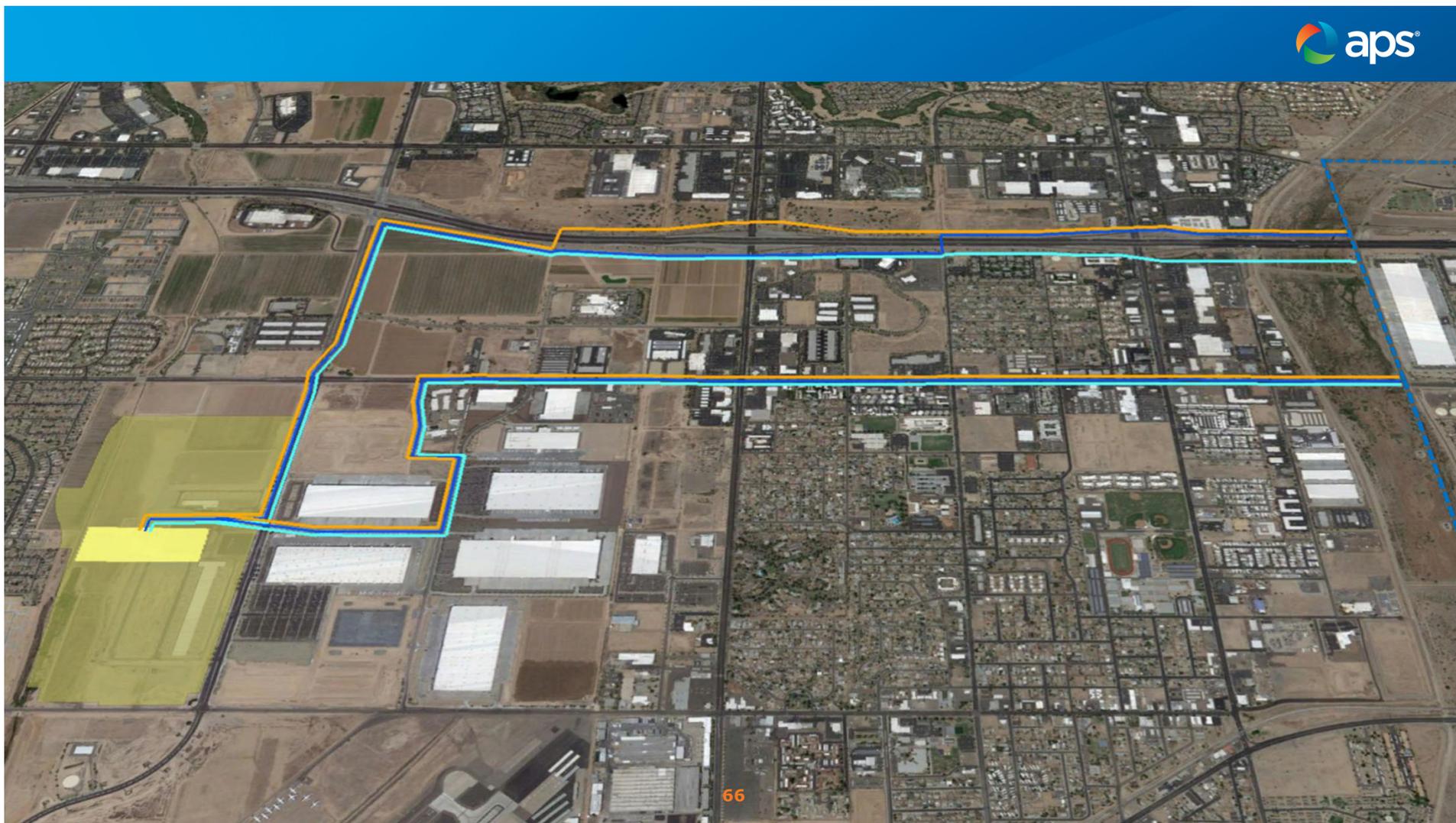
Aerial Overview





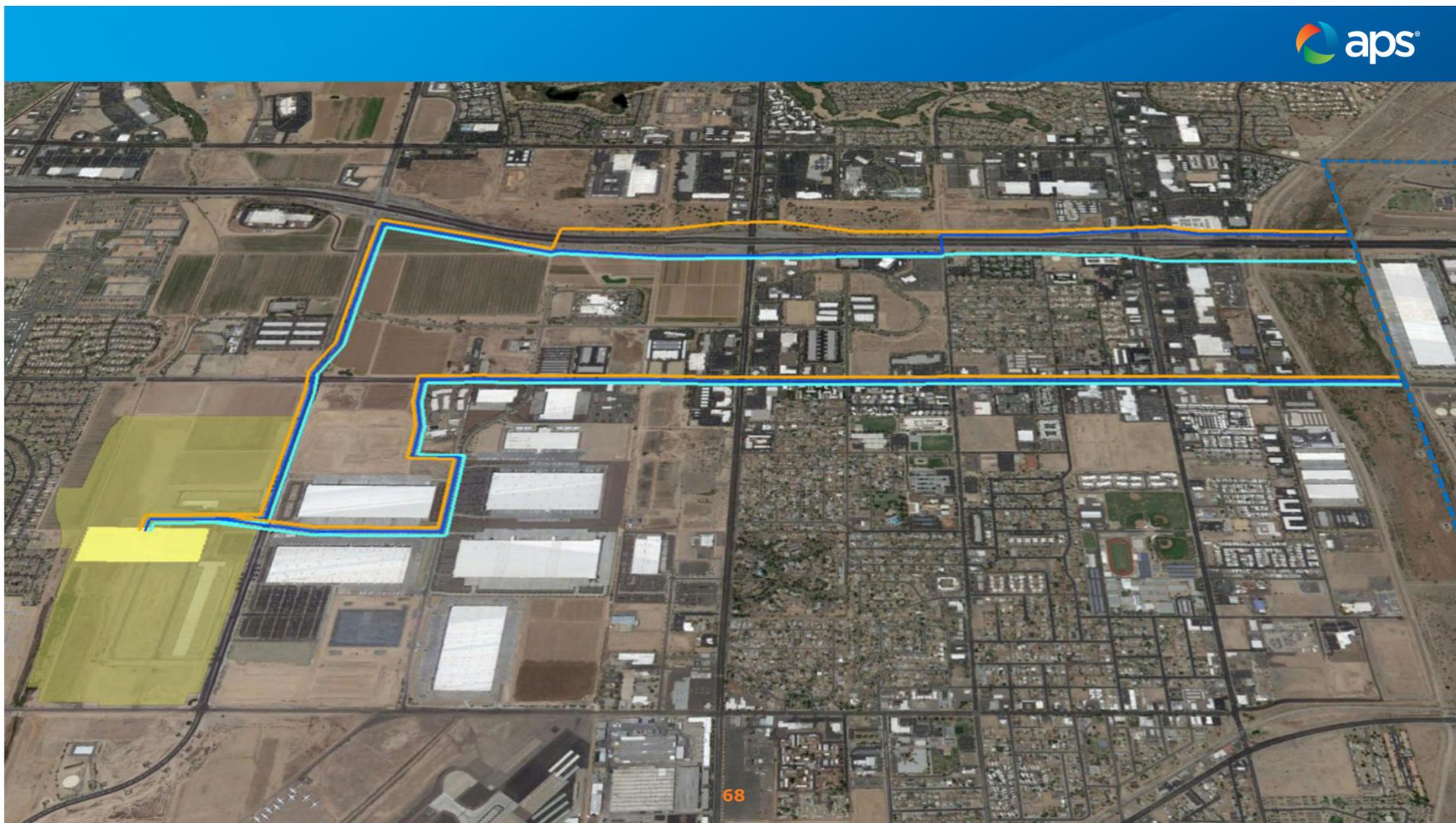
64

Project Planning and Development



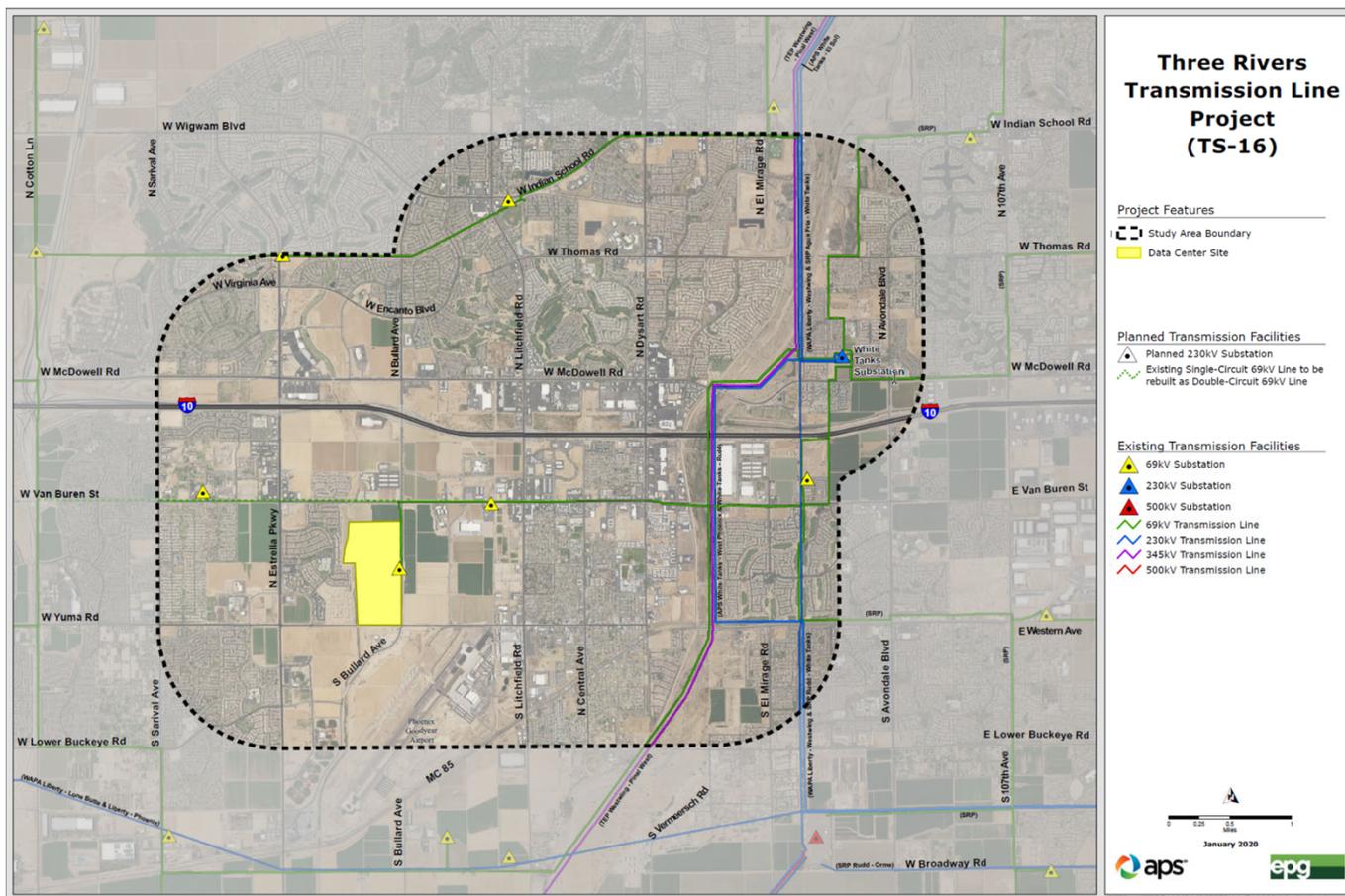
Planning and Development

- Preliminary Links and Study Area
- Feasible Links and Refined Study Area
- Preliminary Alternative Route Development
- Refined Alternative Routes





Preliminary Links and Study Area



Preliminary Links

- Identify preliminary links

Preliminary Links

- Identify preliminary links
- Preliminary environmental study and engineering constructability and design review
 - Phoenix/Goodyear Airport
 - Residential Communities

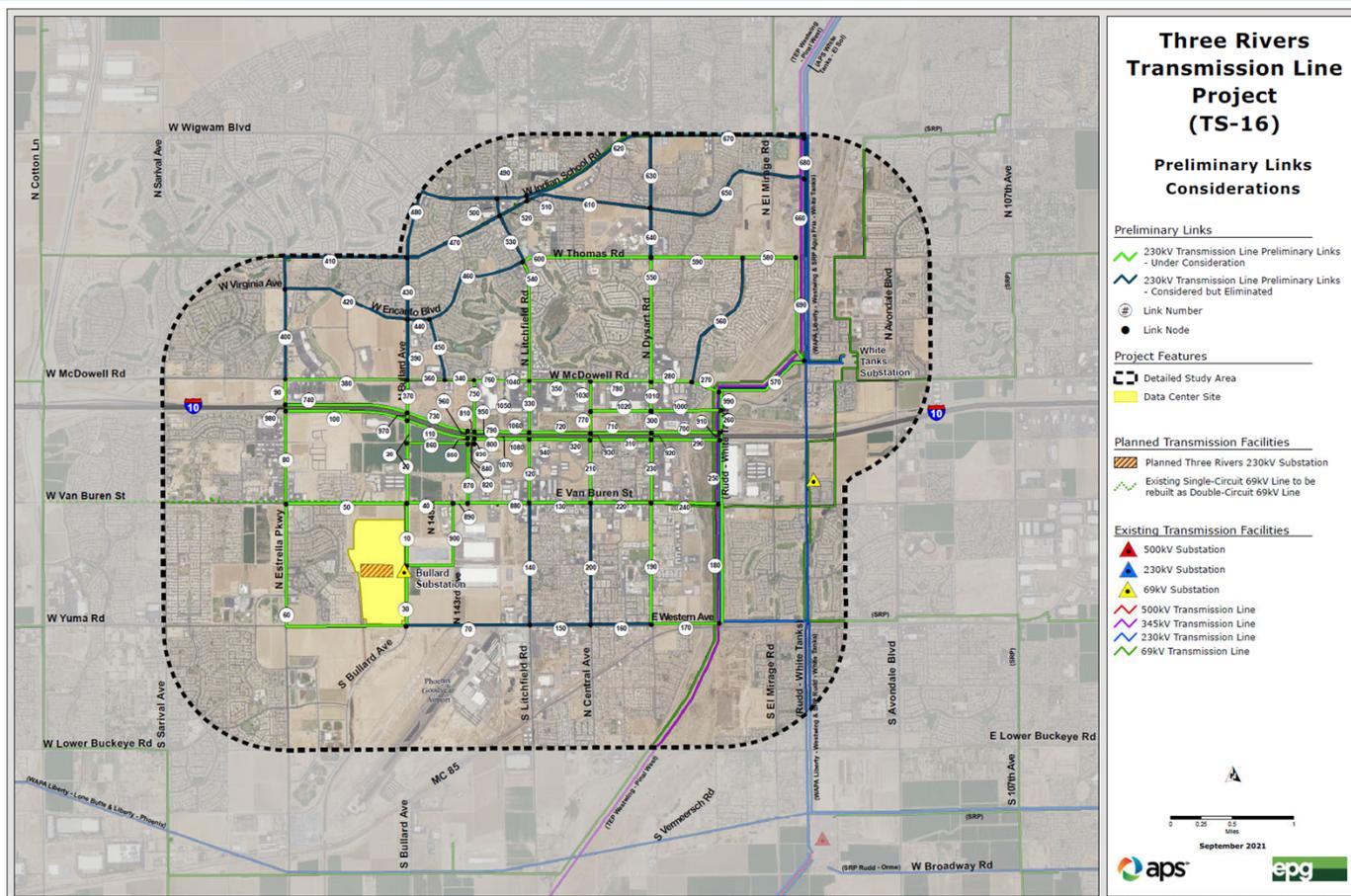
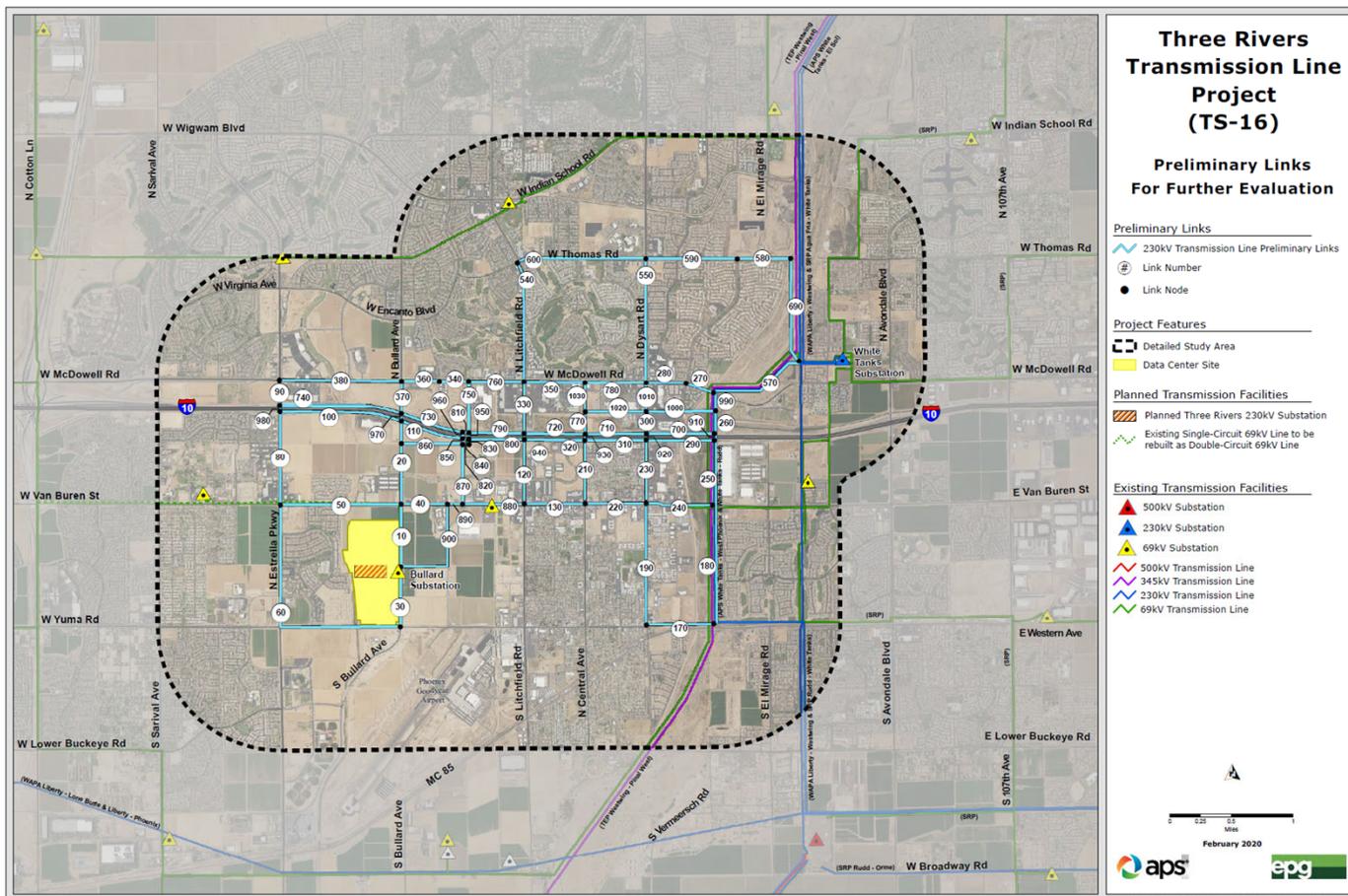


Figure 4. Preliminary Links Considered (link colors modified)

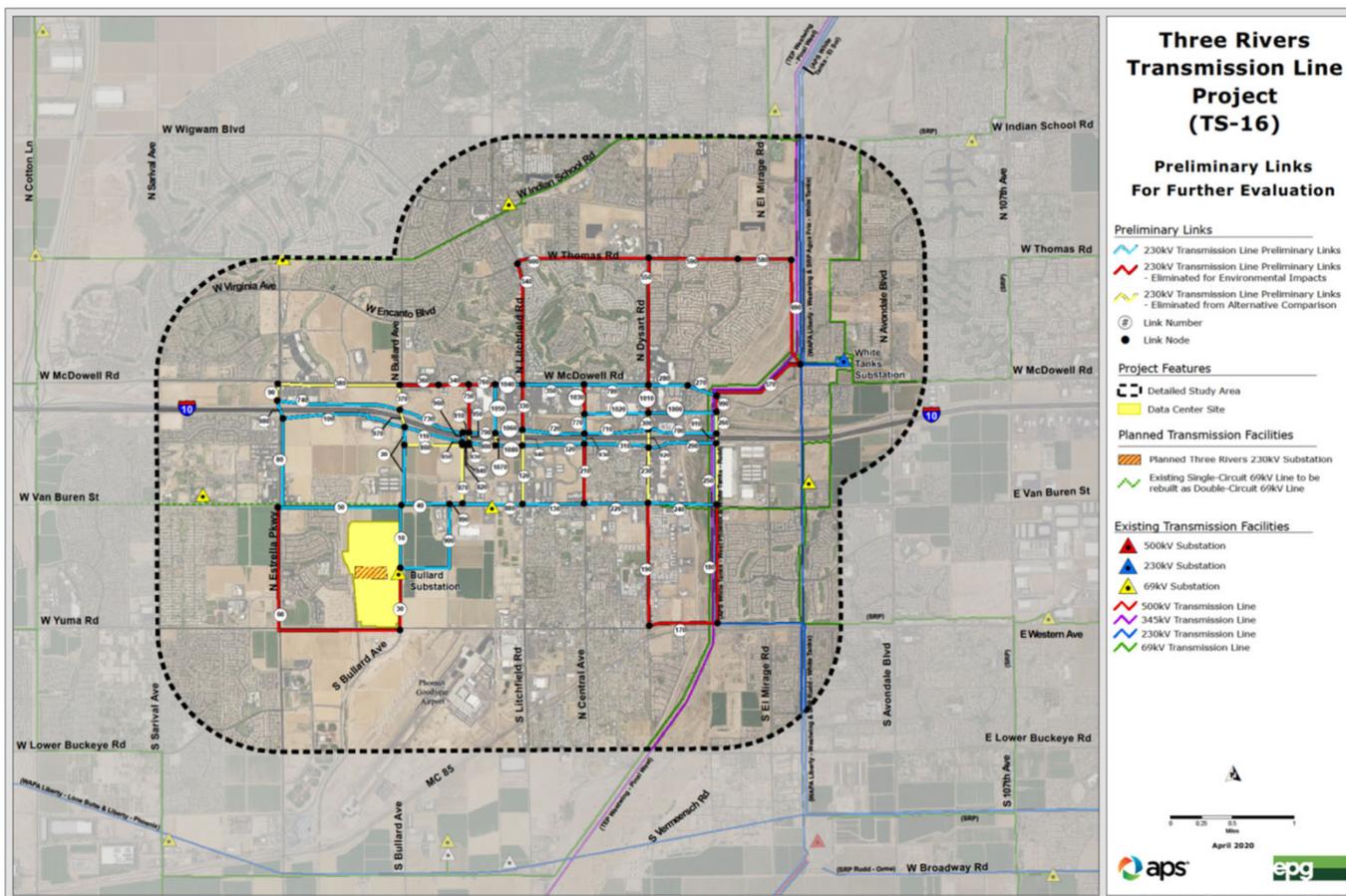
Preliminary Links

- Identify preliminary links
- Preliminary environmental study and engineering constructability and design review
 - Phoenix/Goodyear Airport
 - Residential Communities
- Identify 1-mile buffer surrounding feasible links



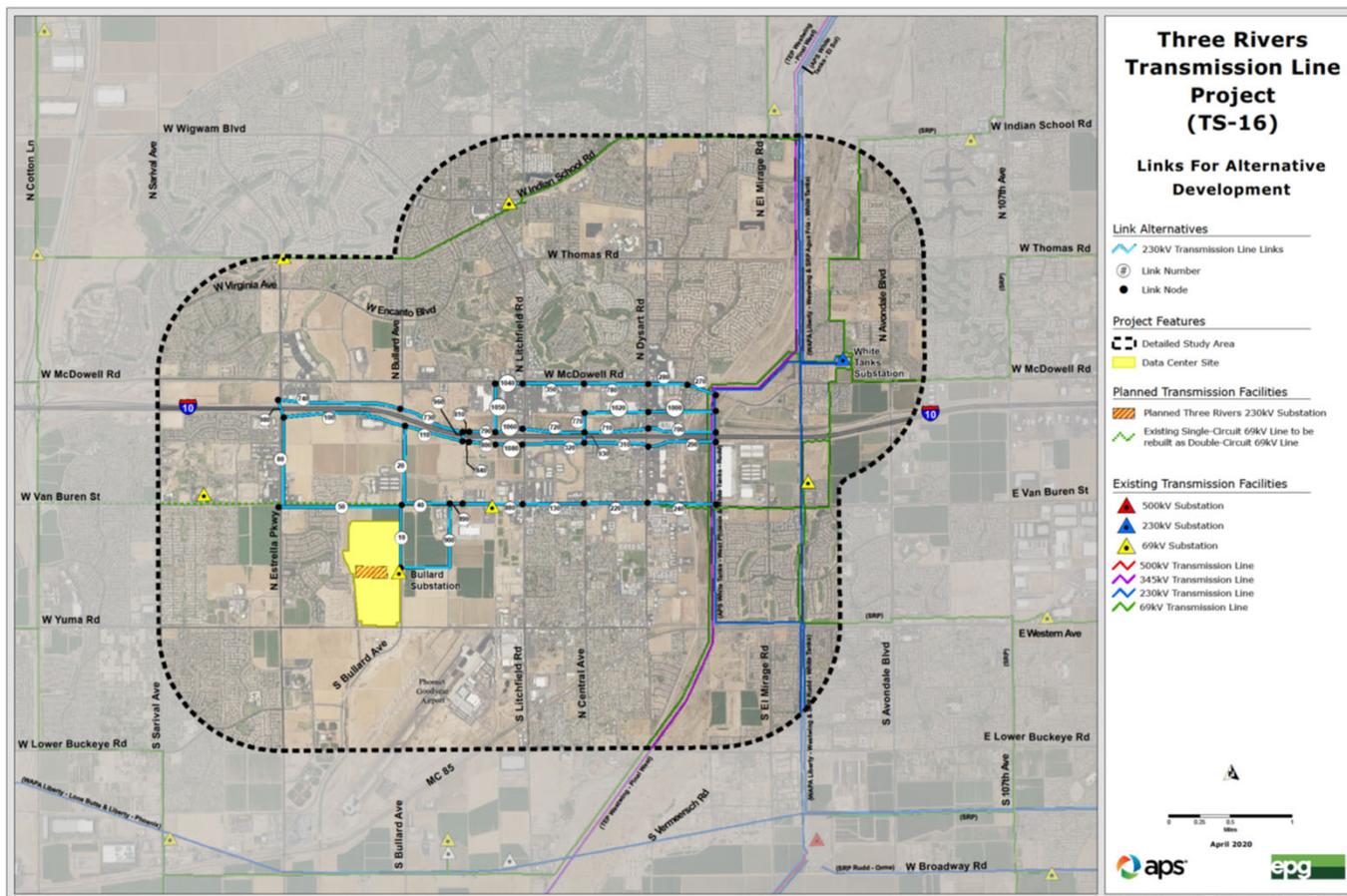
Refined Links

- Public input largely supported
 - Keeping transmission lines away from residential neighborhoods
 - Locating along I-10
 - Rebuilding/co-locating existing powerlines
- Select group of links remained to begin the next phase of route development



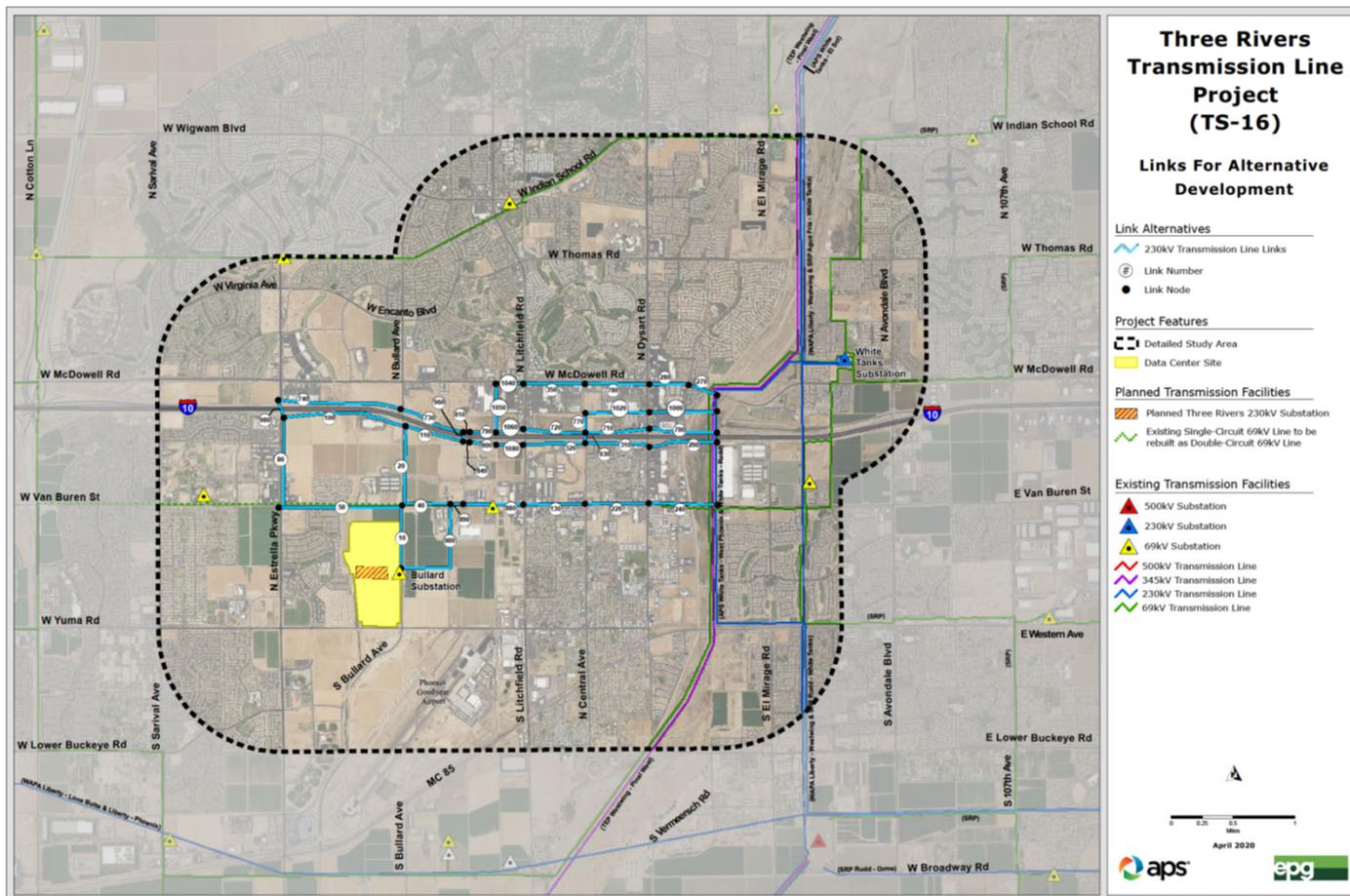
Refined Links

- Public input largely supported
 - Keeping transmission lines away from residential neighborhoods
 - Locating along I-10
 - Rebuilding/co-locating existing powerlines
- Select group of links remained to begin the Route Development Phase



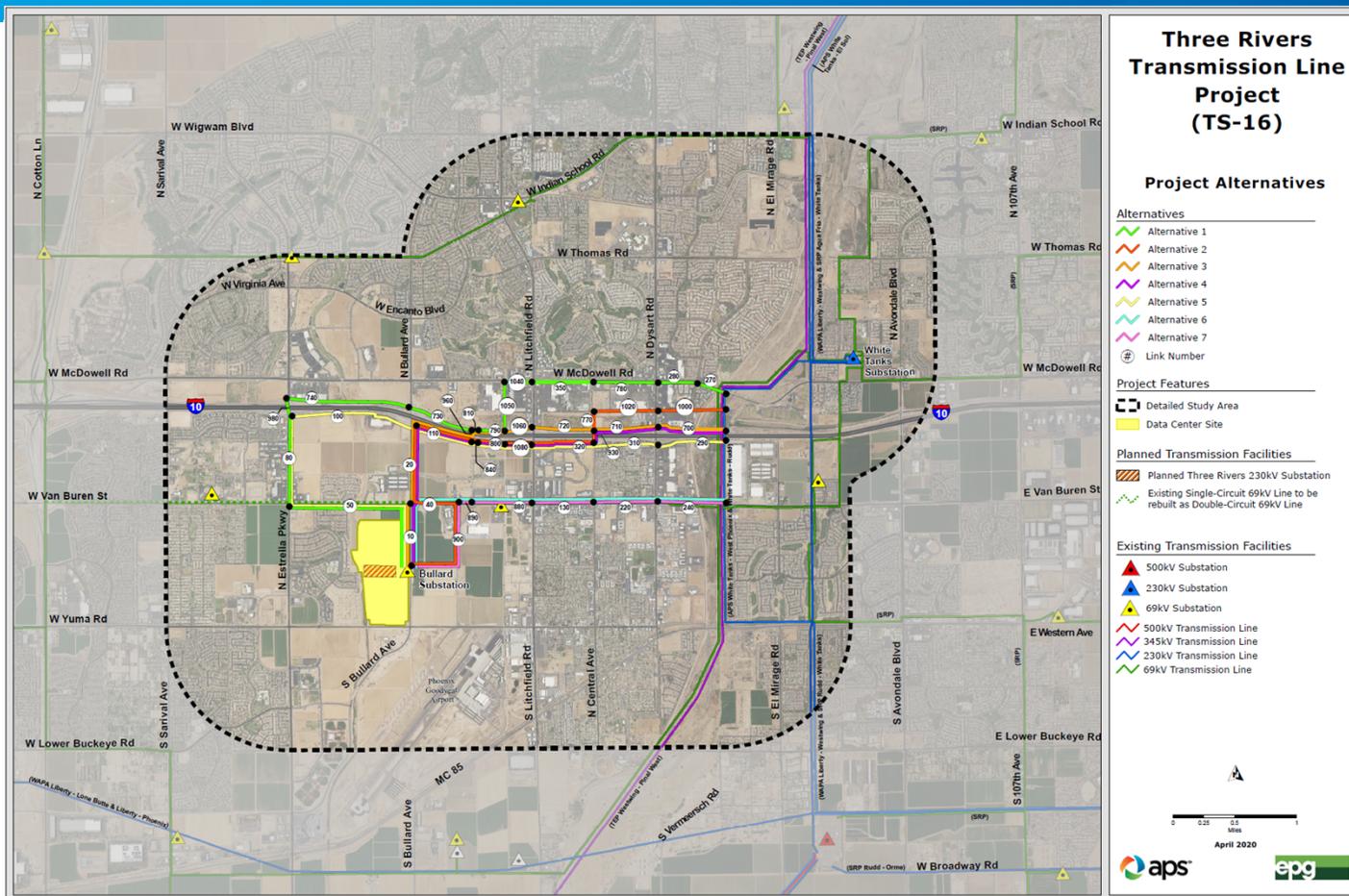


Route Development



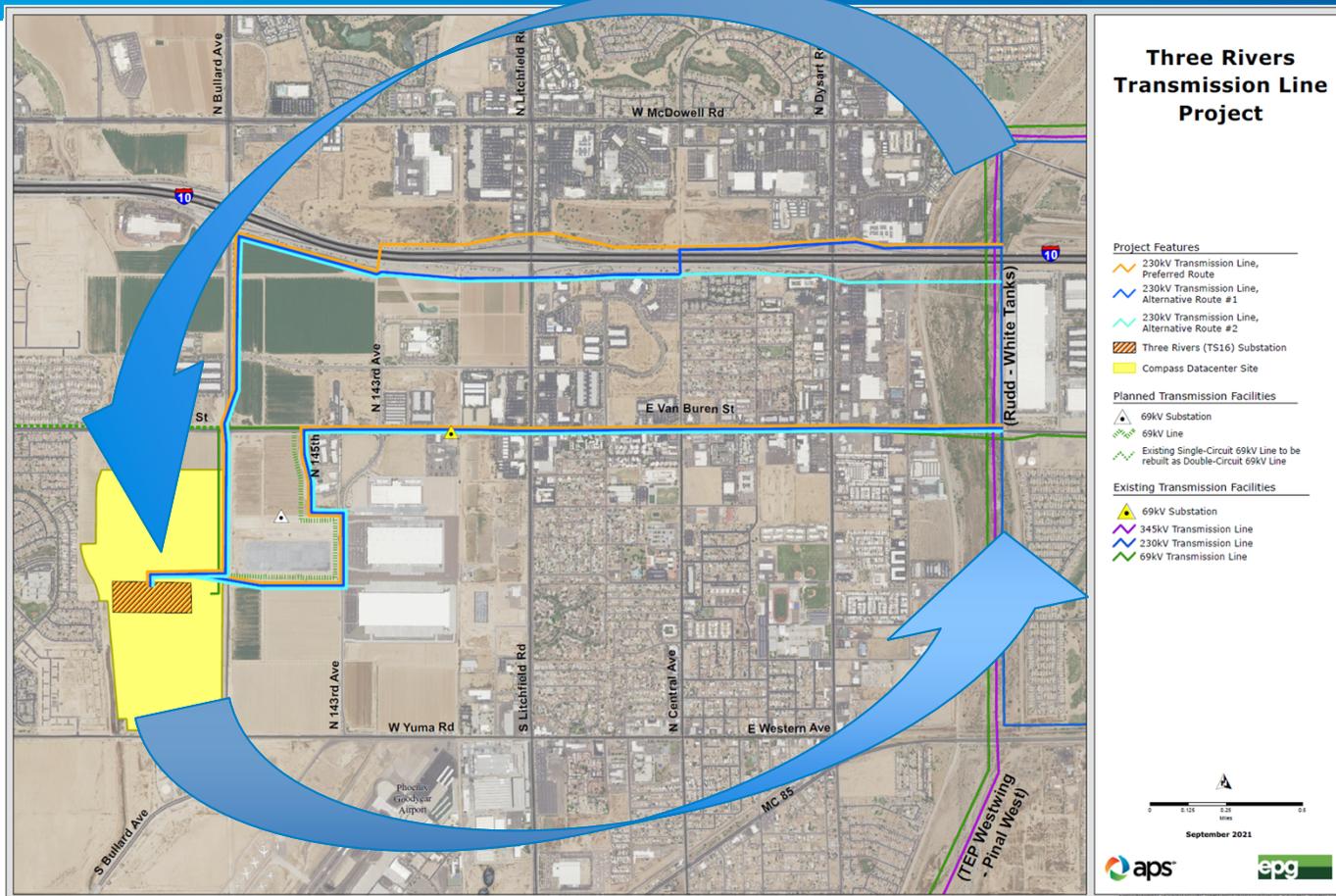
Route Alternatives

- 7 preliminary route alternatives formed by remaining links
- Further evaluation – including public input



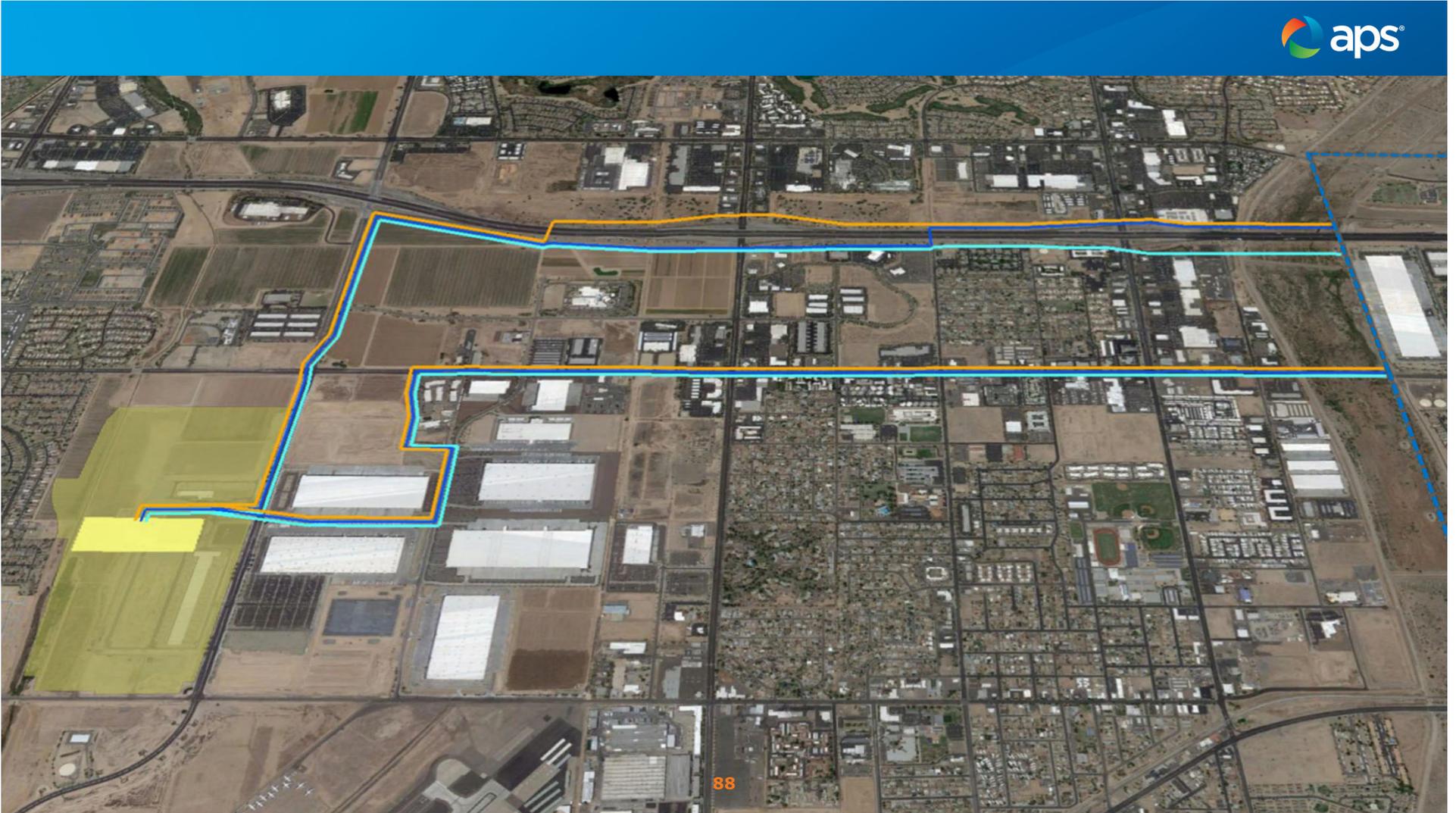
Route Alternatives

- 7 preliminary route alternatives formed by remaining links
- Further evaluation – including public input
- Resulting in 3 refined route alternatives:
 - Preferred Route
 - Alternative Route #1
 - Alternative Route #2



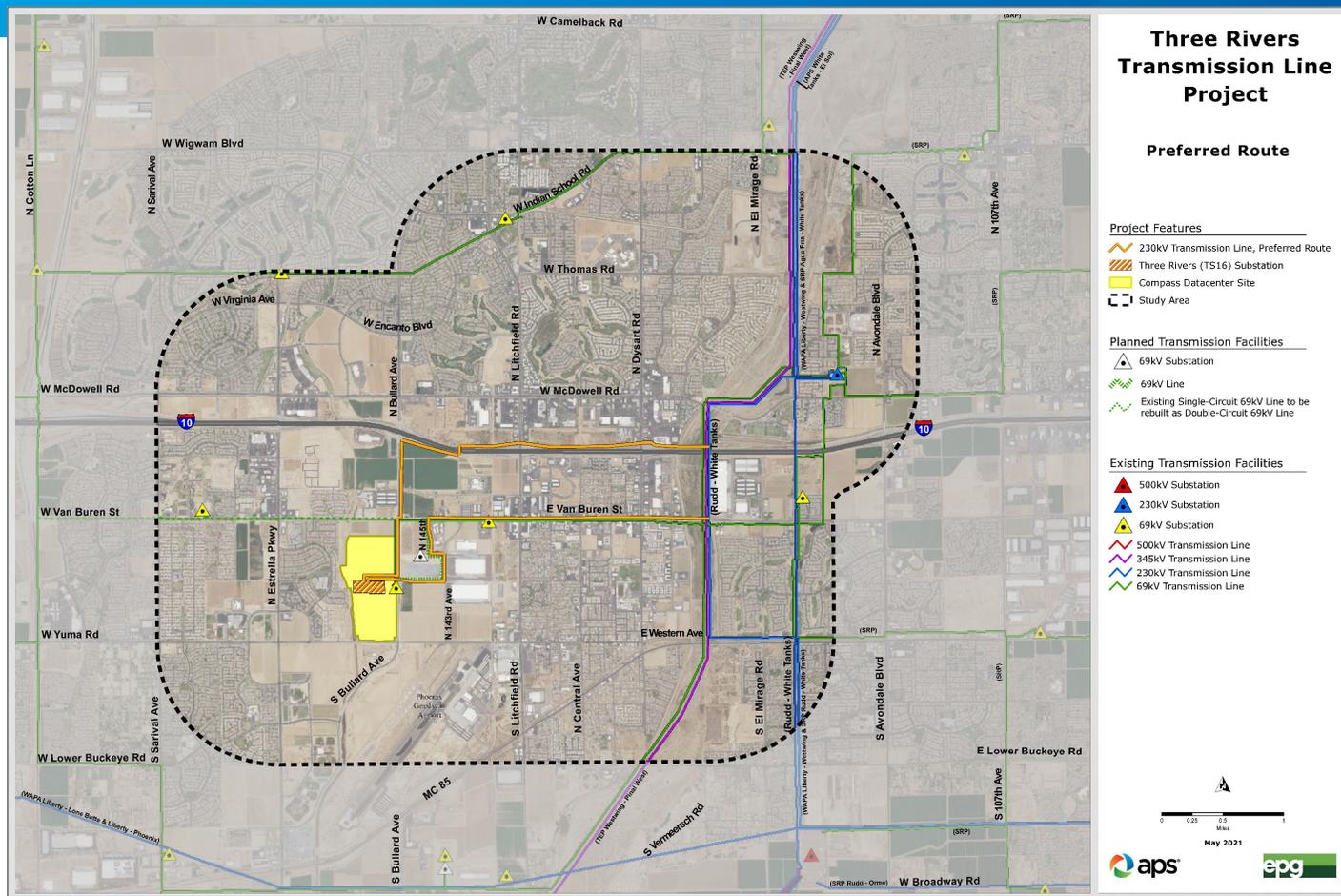


The Routes



Preferred Route

- 7.55 miles
- I-10 alignment
 - Differs from other alternatives
 - Located primarily on north side of I-10, crossing mostly City of Goodyear parcels
 - Minimizes number of developed businesses crossed
 - Furthest from residential houses and apartments
 - Crosses I-10 at 143rd Ave. alignment
 - As requested by Arizona Department of Transportation (ADOT)
 - Farmland/future development south of I-10 crossing

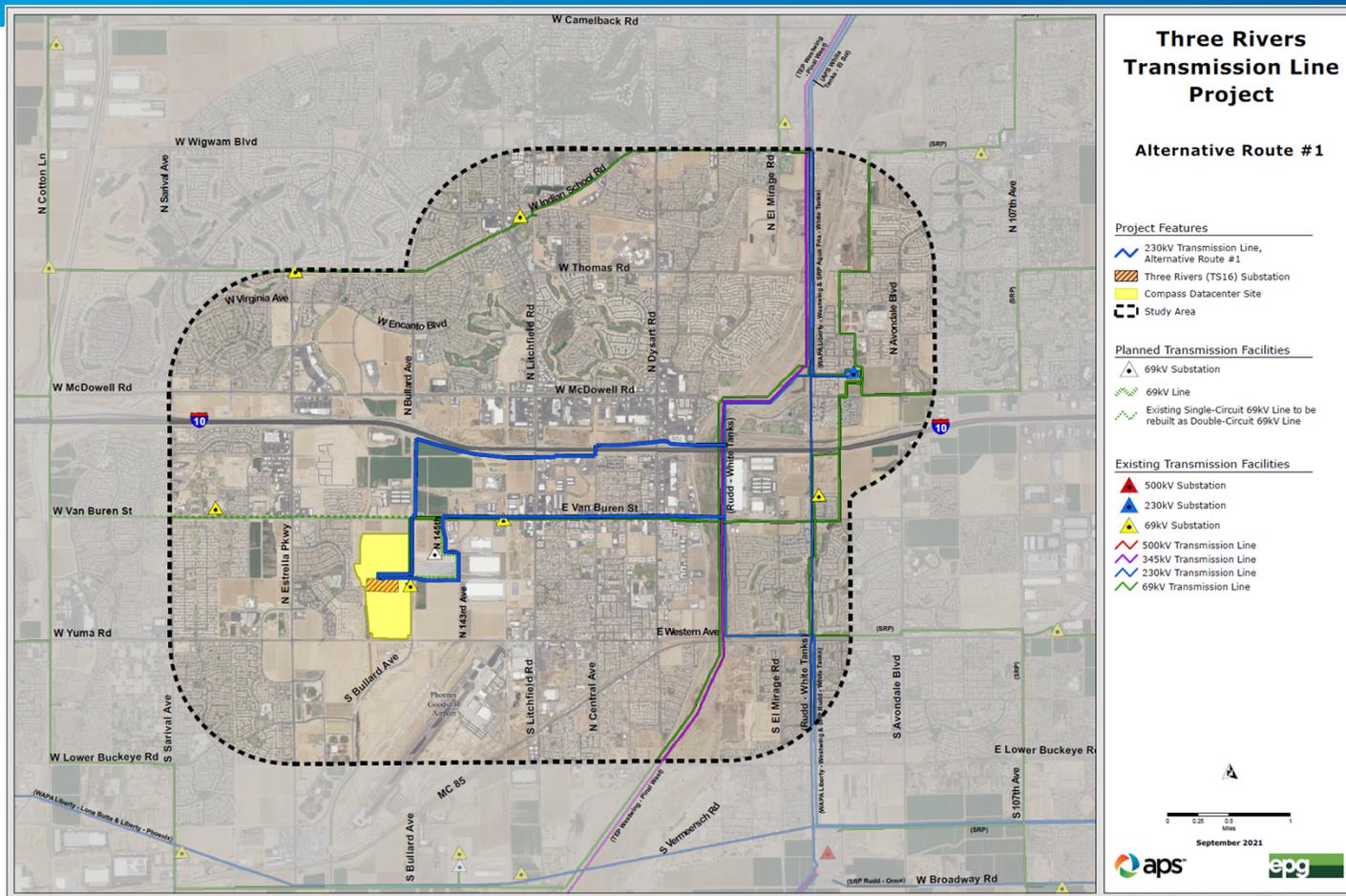


Preferred Route

- South of I-10
 - Common with all alternatives
 - Mostly agricultural land along east and west sides of Bullard Avenue to Van Buren Street
 - Most of the alignment would rebuild and co-locate 69kV with new 230kV lines
 - Approximately 45% of all routes would be co-located
 - Would not be able to co-locate within Agua Fria River
 - Southern connection would primarily cross commercial and industrial properties

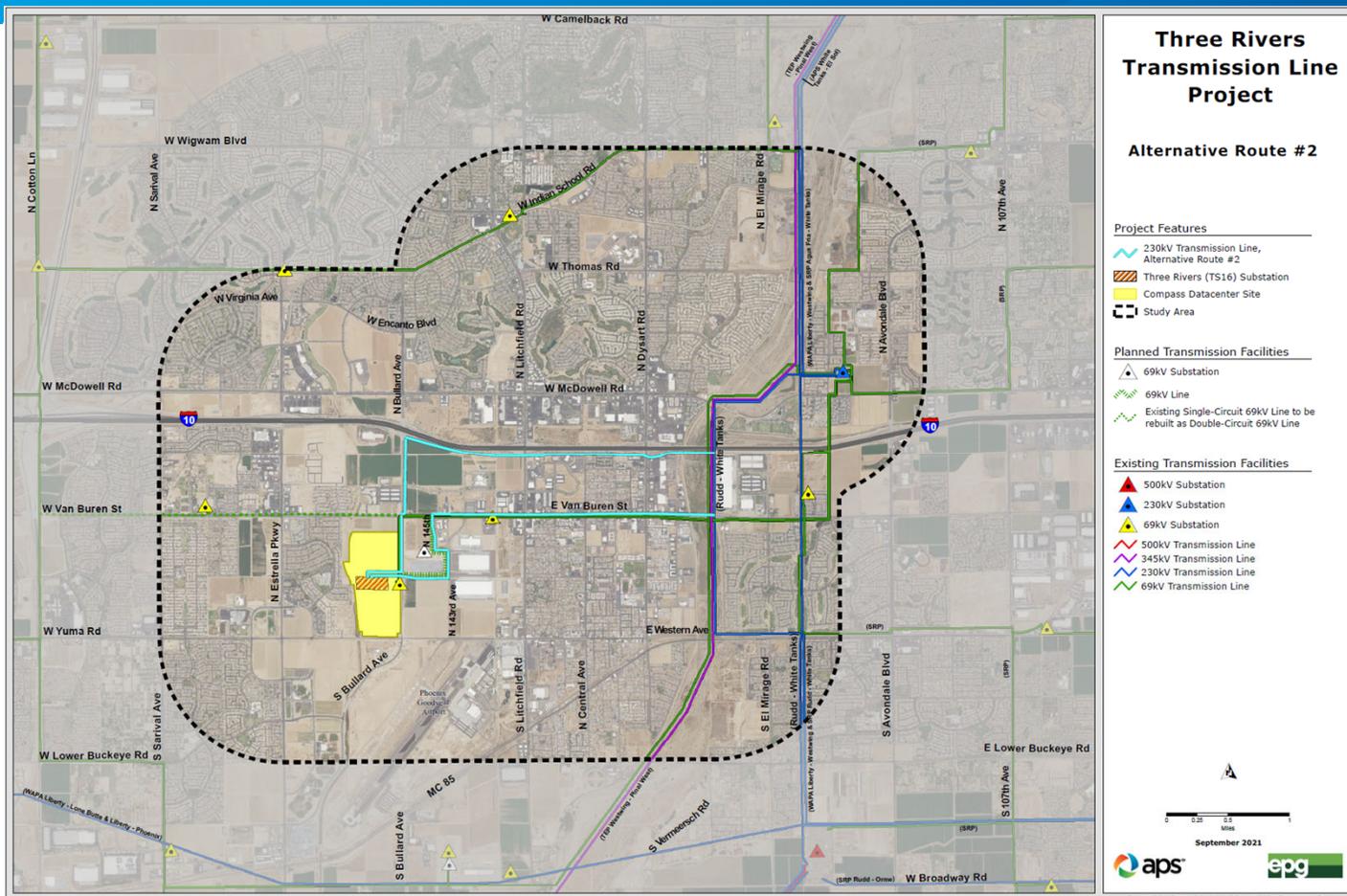
Alternative Route #1

- 7.55 miles
- I-10 alignment
 - Begins on north side of I-10, but cross fewer City of Goodyear parcels
 - Crosses I-10 at Central Ave. alignment/existing power line
 - Would rebuild and co-locate existing power line at crossing
 - Avoids main intersections, as requested by ADOT
 - Would cross additional businesses along south side of I-10
 - Would be closer to residential neighborhoods and apartments



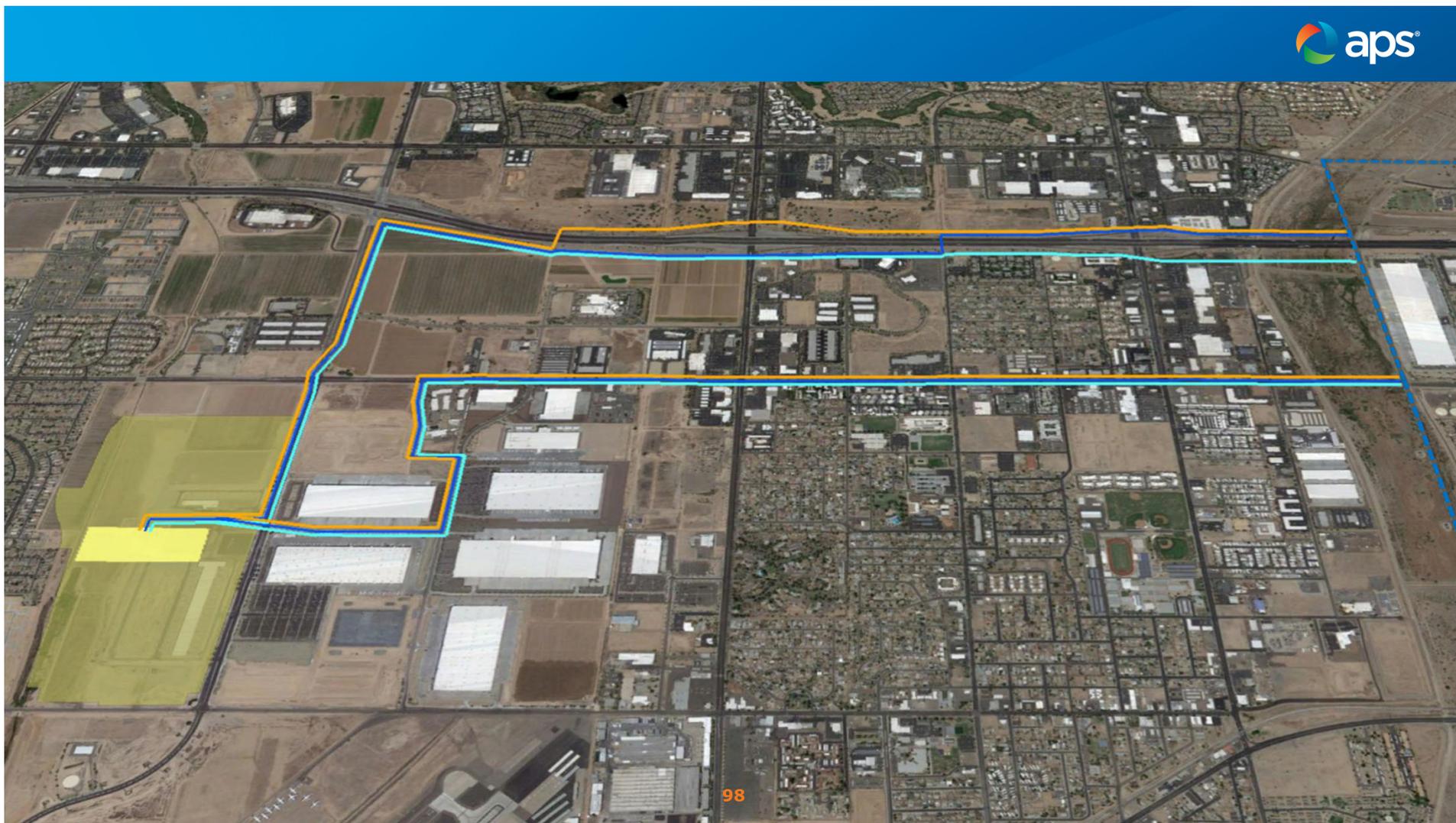
Alternative Route #2

- 7.45 miles
- I-10 alignment
 - Runs entirely along south side of I-10
 - Additional businesses located on south side of I-10
 - Construction challenges
 - Closer to residences

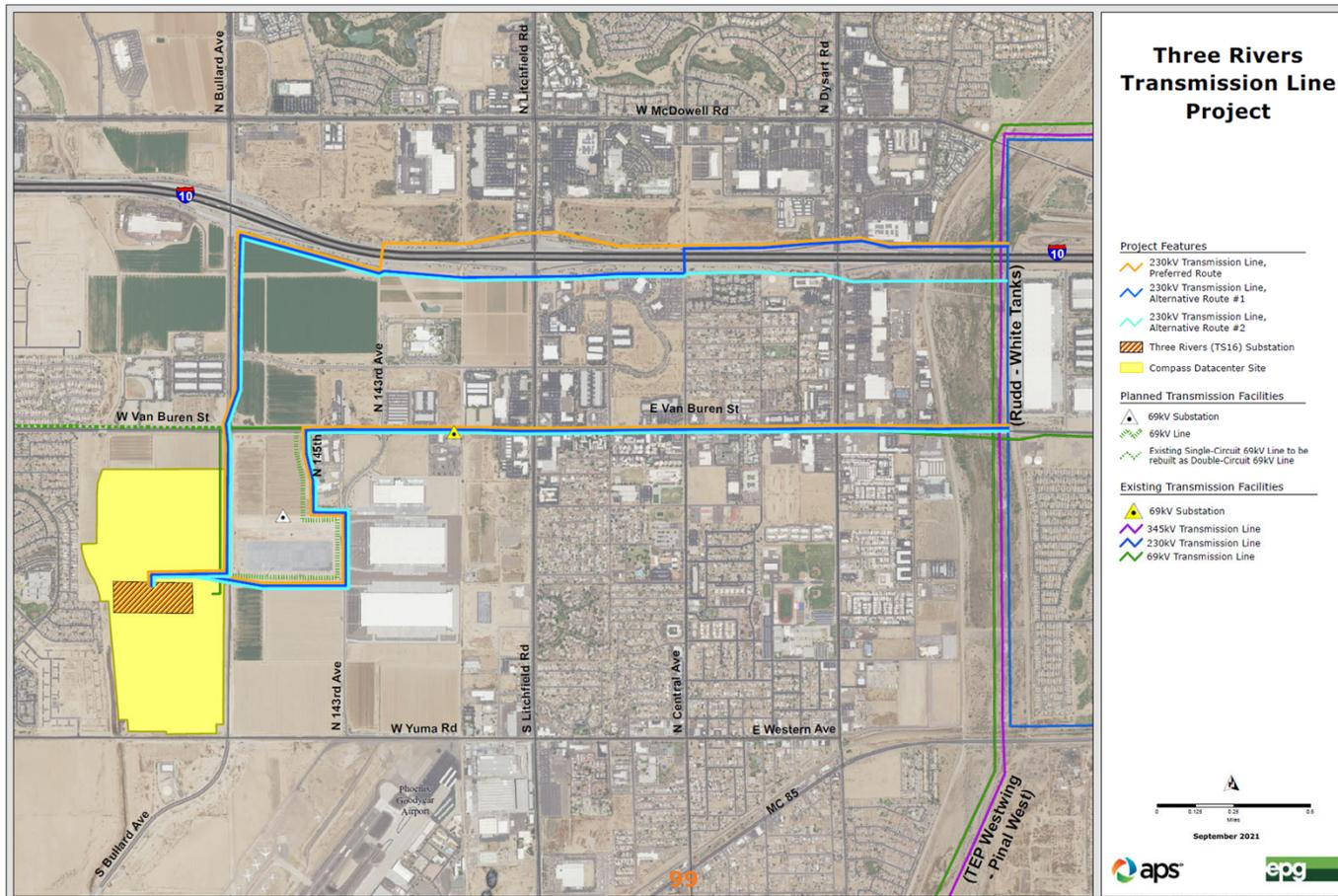




Virtual Tour



Virtual Tour



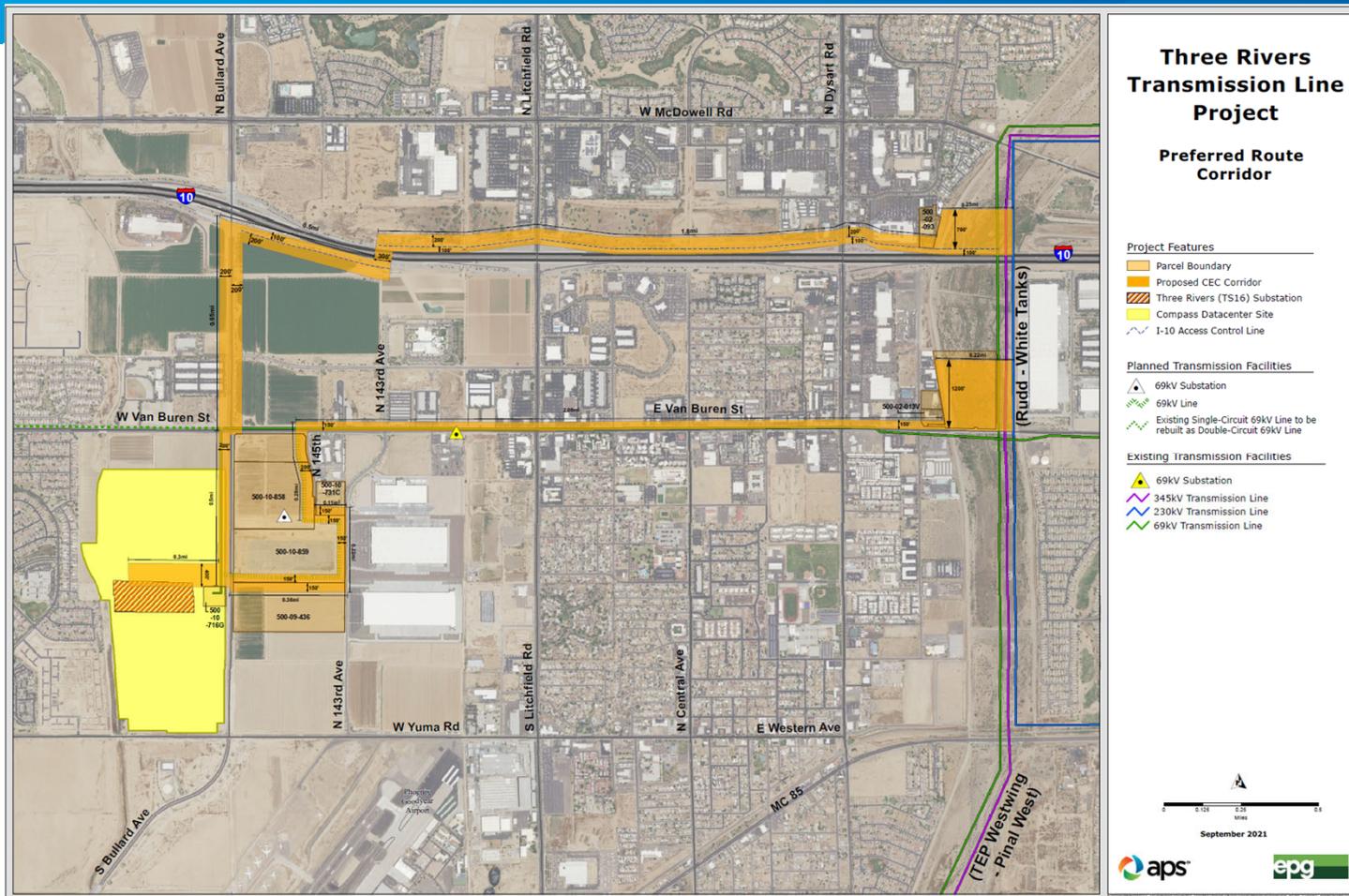


Corridors and Right-of-Way



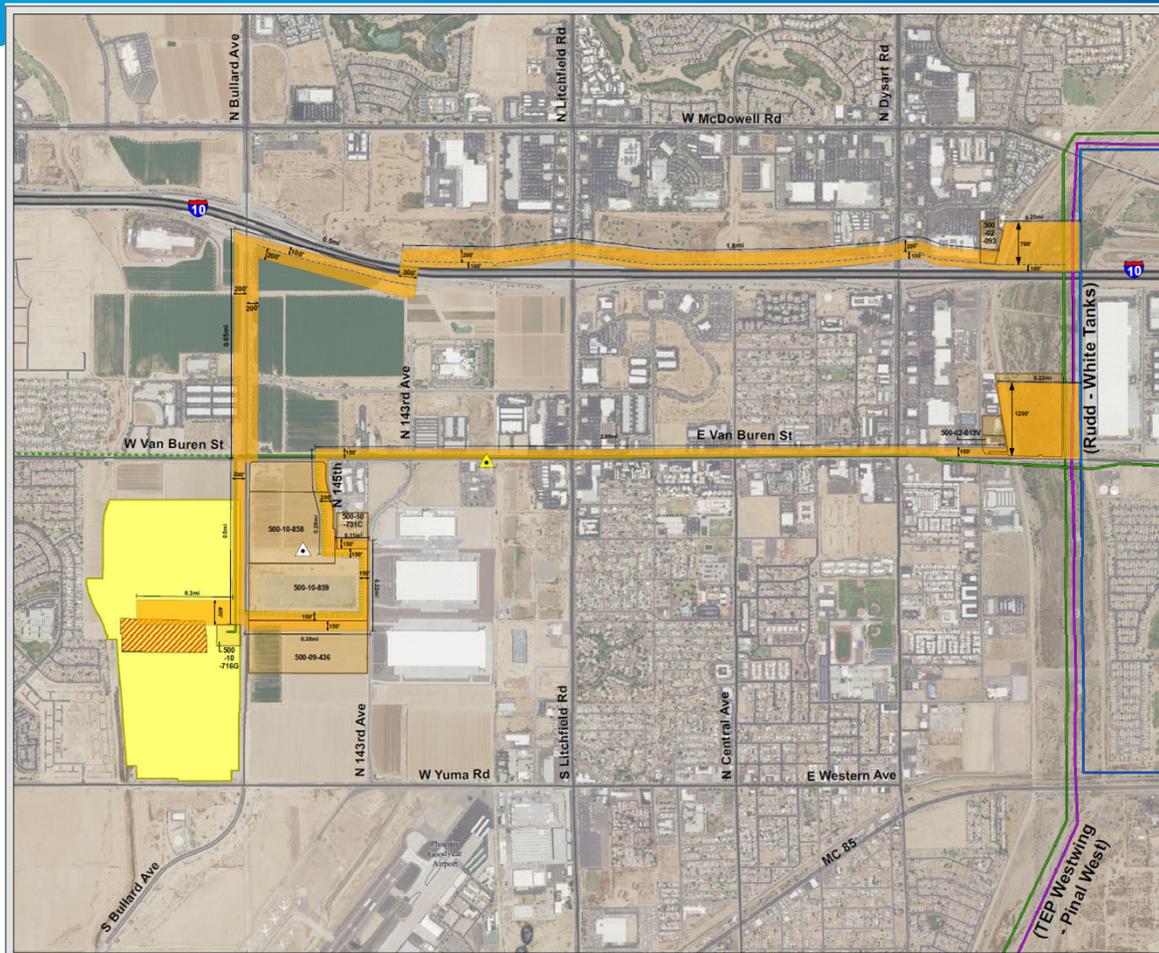
Corridors and Right-of-Way

- Corridor varies from 150 to 400 feet
- Wider within Agua Fria River
- Right-of-way width of up to 120 feet



Preferred Corridor

- I-10 alignment
 - Differs with all alternatives
 - 800-feet wide in Agua Fria River
 - 300-feet wide along I-10 to Bullard Avenue
 - Alignment based on Arizona Department of Transportation (ADOT) Access Control line



Three Rivers Transmission Line Project

Preferred Route Corridor

Project Features

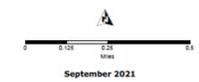
- Parcel Boundary
- Proposed CEC Corridor
- Three Rivers (TS16) Substation
- Compass Datacenter Site
- I-10 Access Control Line

Planned Transmission Facilities

- 69kV Substation
- 69kV Line
- Existing Single-Circuit 69kV Line to be rebuilt as Double-Circuit 69kV Line

Existing Transmission Facilities

- 69kV Substation
- 345kV Transmission Line
- 230kV Transmission Line
- 69kV Transmission Line

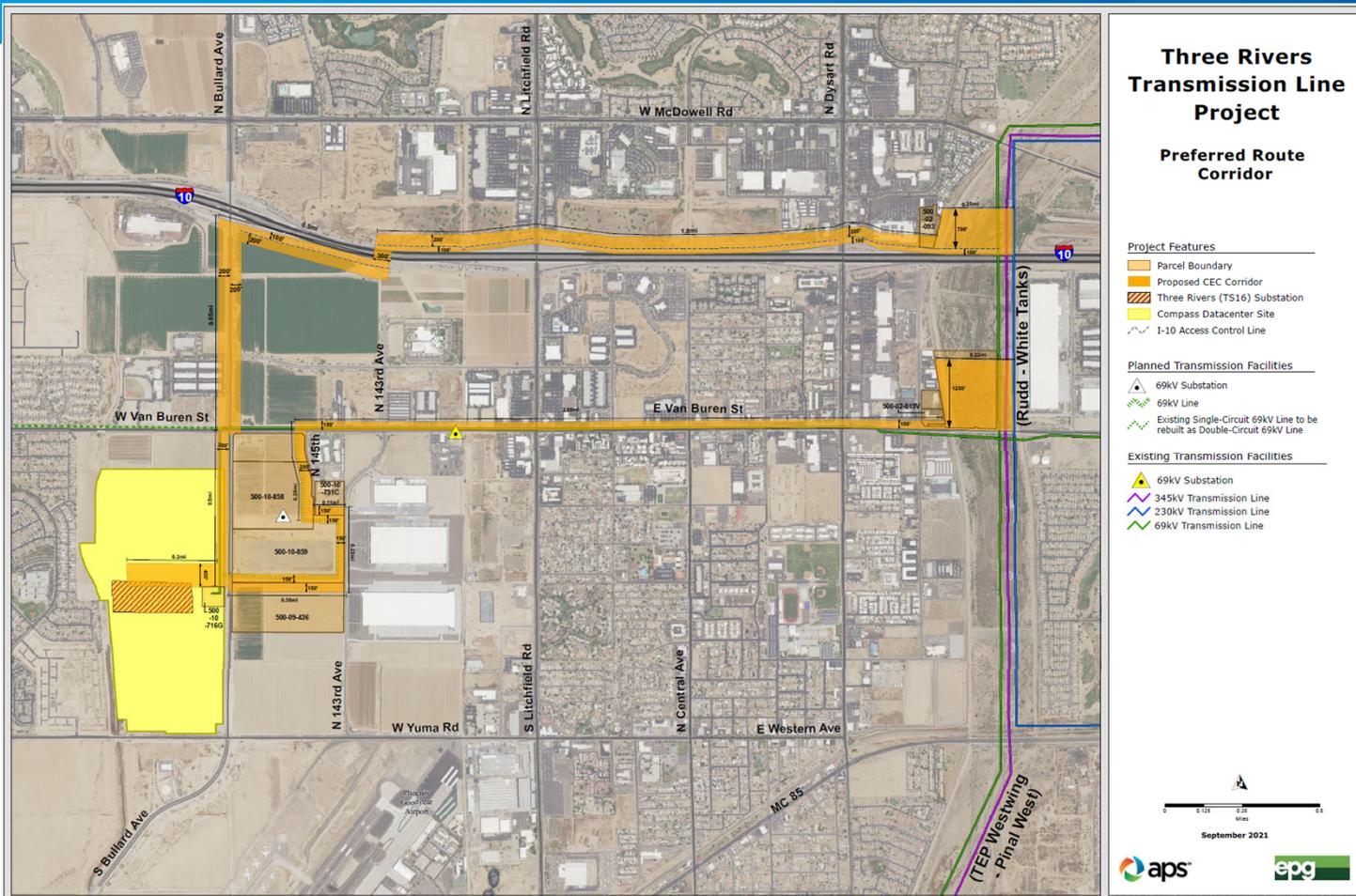


September 2021



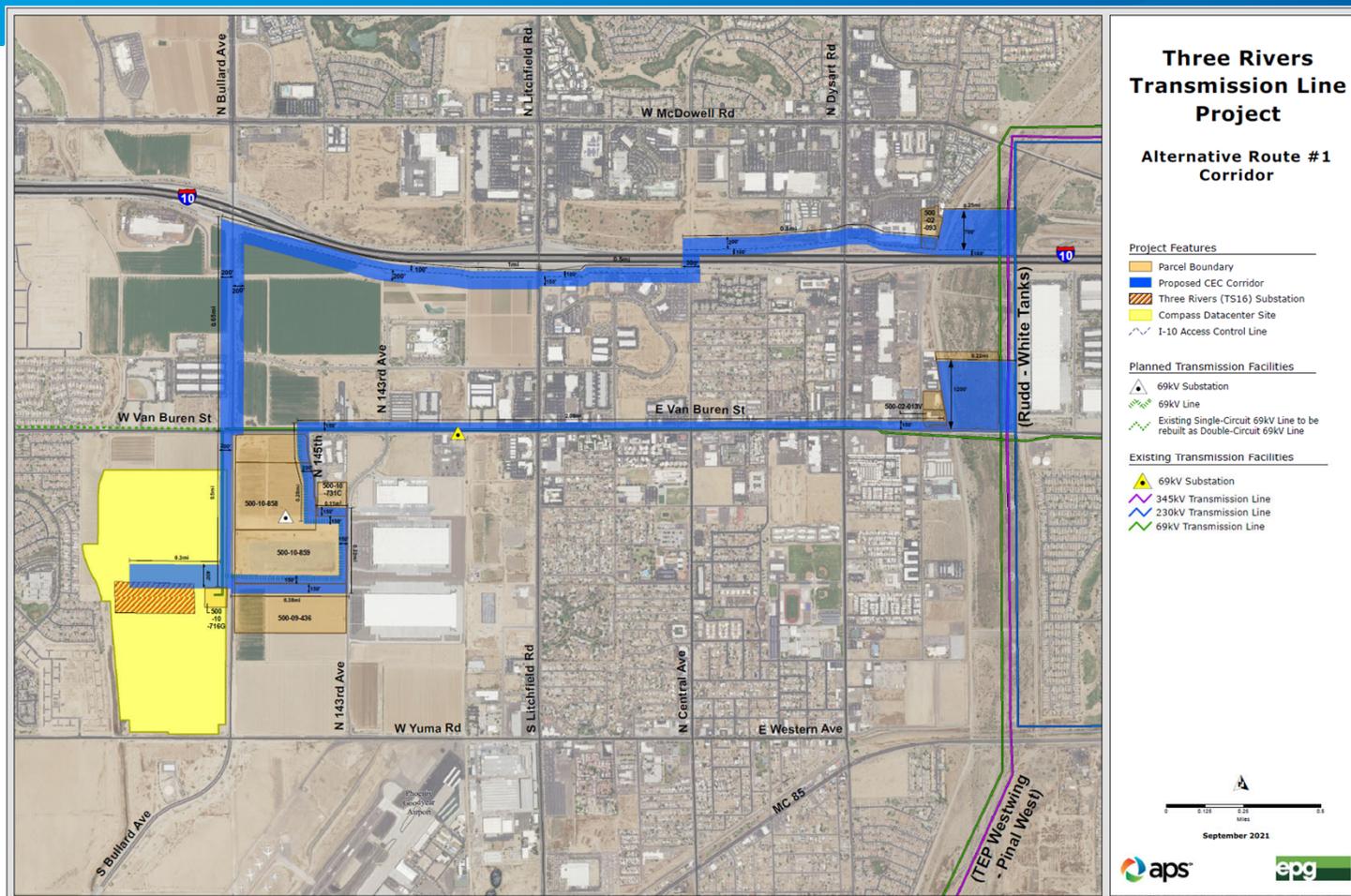
Preferred Corridor

- South of I-10 alignment
 - Common with all alternative corridors
 - Width varies
 - 200 to 400-feet wide along Bullard Avenue
 - 400-feet wide on Compass Datacenter site
 - 150 to 300-feet wide along property lines, 143rd Avenue, and 145th Avenue
 - 150-feet wide along Van Buren Street
 - 1,200-feet wide within Agua Fria River



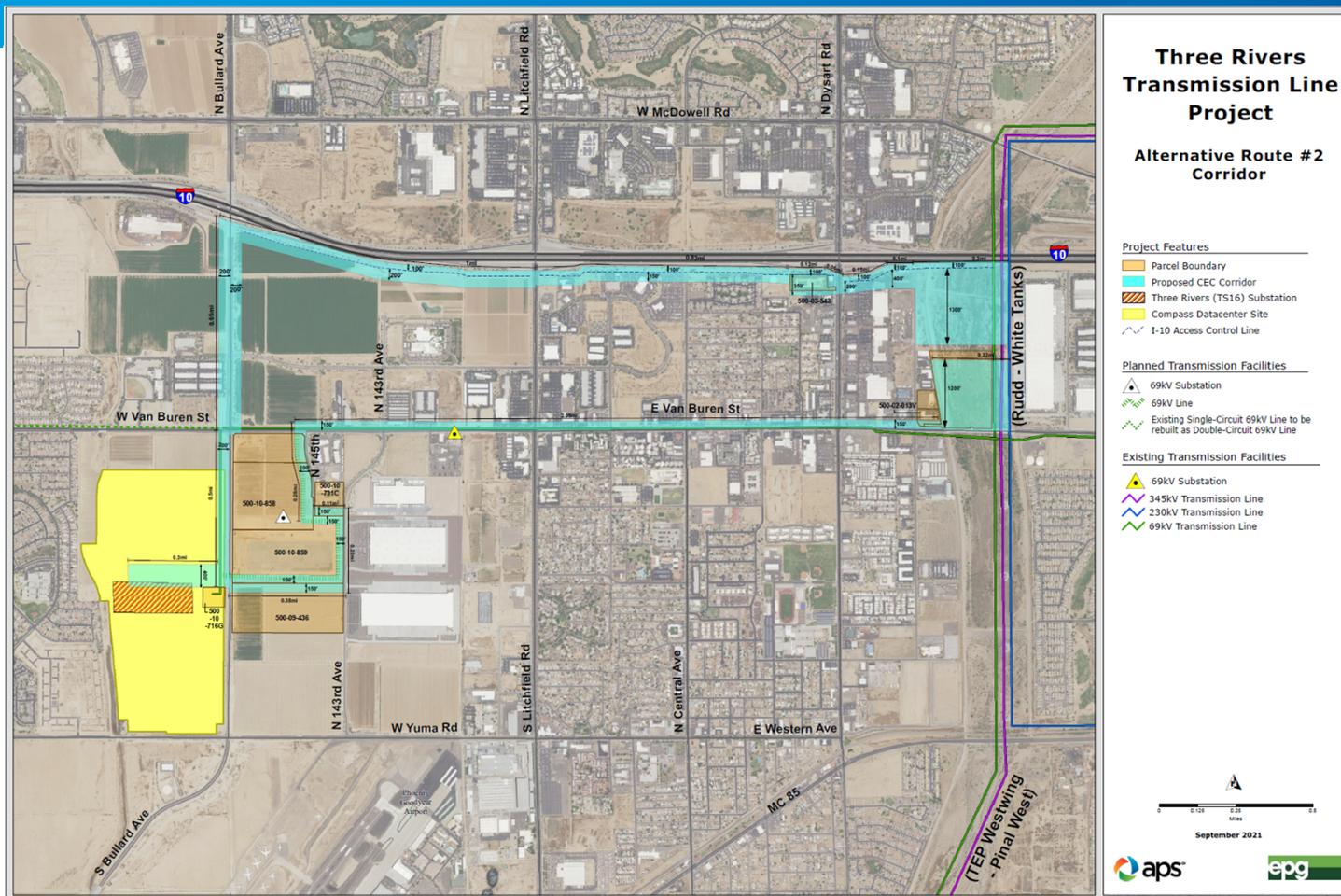
Alternative Route #1 Corridor

- I-10 alignment
 - Differs with all alternatives
 - 800-feet wide in Agua Fria River
 - 300-feet wide along north side of I-10 to Central Avenue
 - 250-feet wide along south side of I-10 to Litchfield Road
 - 300-feet wide along south side of I-10 to 143rd Ave. alignment
 - Alignment Based on ADOT Access Control line



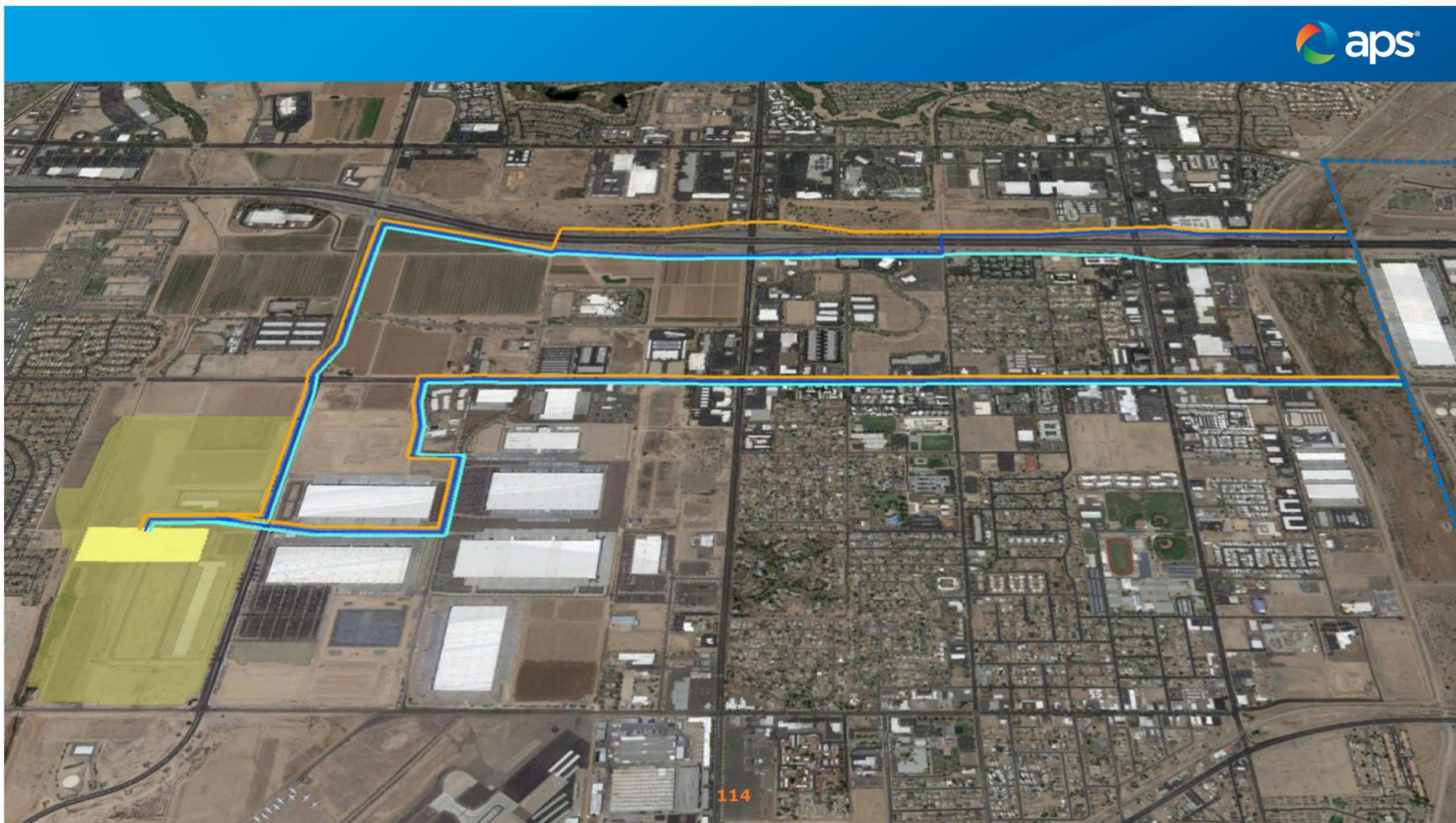
Alternative Route #2 Corridor

- I-10 alignment
 - Differs with all alternatives
 - 1,400-feet wide within the Agua Fria River
 - 300 to 500-feet wide along south side of I-10 on/off ramps at Dysart Road
 - 250-feet wide along south side of I-10 to Litchfield Road
 - 300-feet wide along south side of I-10 to 143rd Avenue alignment



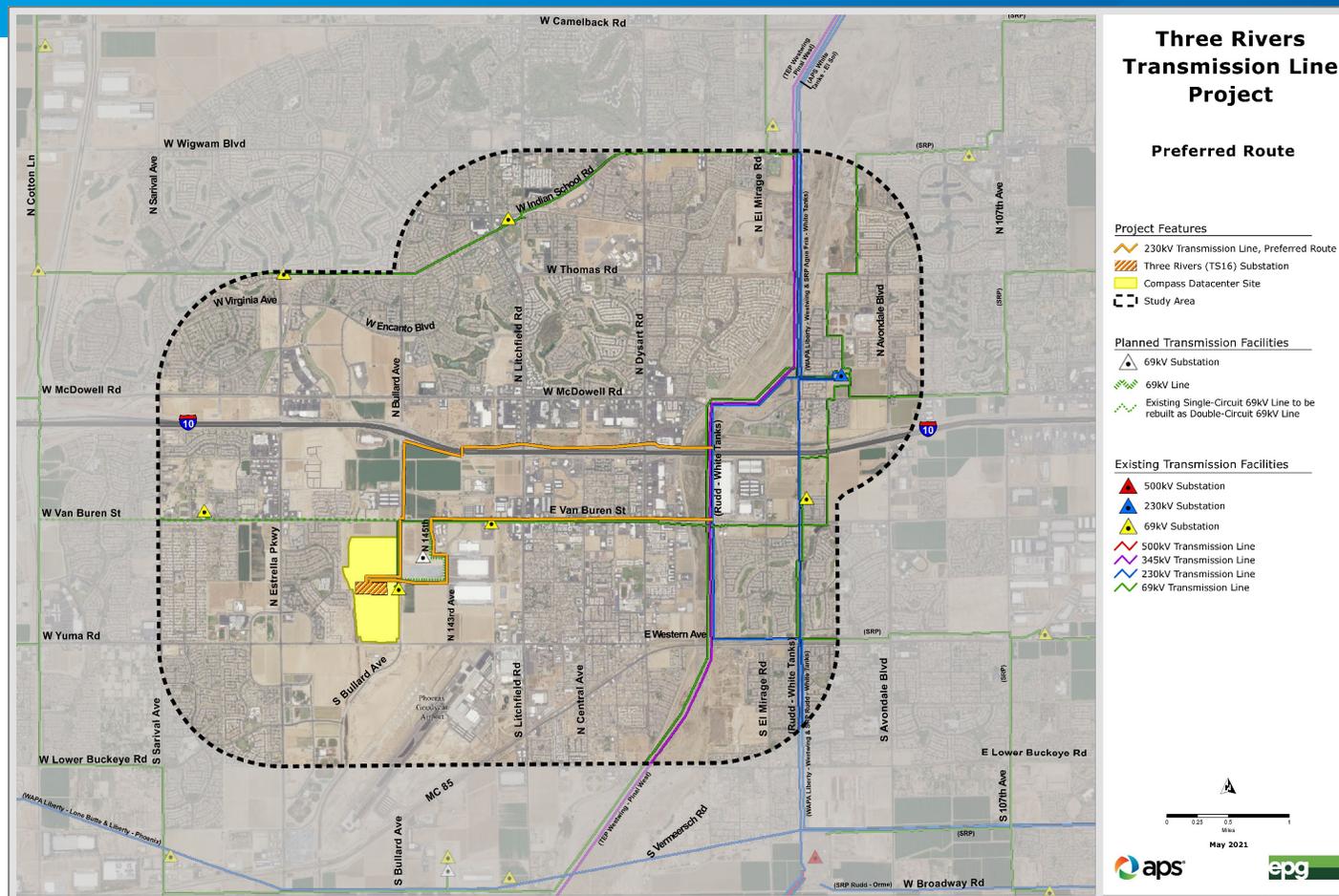


Conclusions



Why the Preferred Corridor

- Minimizes residential visual impacts
- Results in the smallest number of private landowners directly affected by the Project
- Minimizes impacts to commercial properties
- Follows the alignment supported by the majority of public and stakeholders





Project Costs and Facilities



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Transmission Line Costs

Transmission Line Alternative	Total Length of Transmission Line (miles)	Rights-of-Way Costs (\$ millions)	*Construction Costs (\$ millions)	Total Rights-of Way and Construction Costs (\$ millions)
Preferred Route	7.55	10.5	18	28.5
Alternative Route #1	7.55	10.5	18	28.5
Alternative Route #2	7.45	10.4	18	28.4



120

Facilities

- Steel monopoles, Cut-in structures, and H-frames
- Height of structures
 - 115 – 195 feet
 - Cut-in structures for cutting in to existing 230kV line and crossing under Tucson Electric Power (TEP) transmission lines
 - H-frames for crossing over existing 69kV line
- Compatible with Phoenix Goodyear Airport
- Span lengths
 - 500 – 1,200 feet

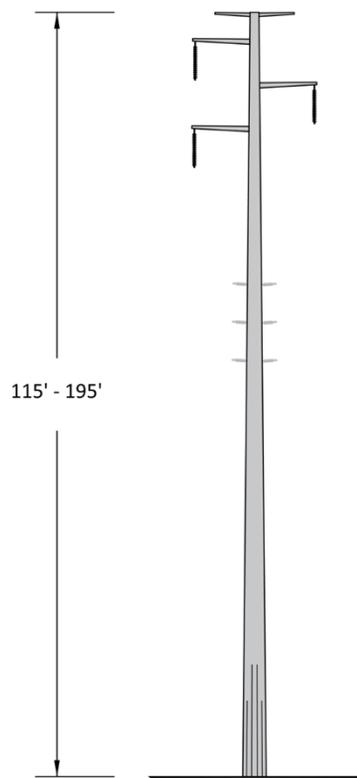


Exhibit G1
 Single-Circuit 230kV Tangent
 with Double-Circuit 69kV Underbuild
 Capable (Delta Configuration)

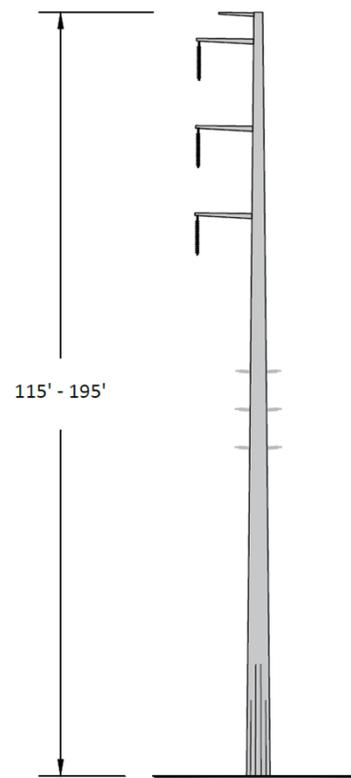


Exhibit G1
 Single-Circuit 230kV Tangent
 with Double-Circuit 69kV Underbuild
 Capable (Stacked Configuration)



Facilities

- Steel monopoles, Cut-in structures, and H-frames
- Height of structures
 - 115 – 195 feet
 - Cut-in structures for cutting in to existing 230kV line and crossing under Tucson Electric Power (TEP) transmission lines
 - H-frames for crossing over existing 69kV line
- Compatible with Phoenix Goodyear Airport
- Span lengths
 - 500 – 1,200 feet

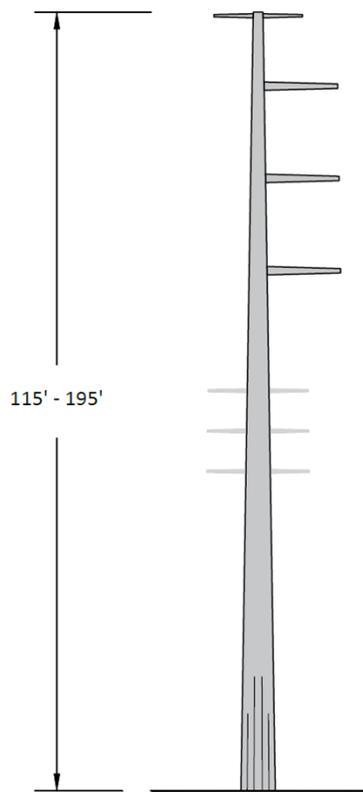


Exhibit G2
Single-Circuit 230kV Dead-End
with Double-Circuit 69kV Underbuild

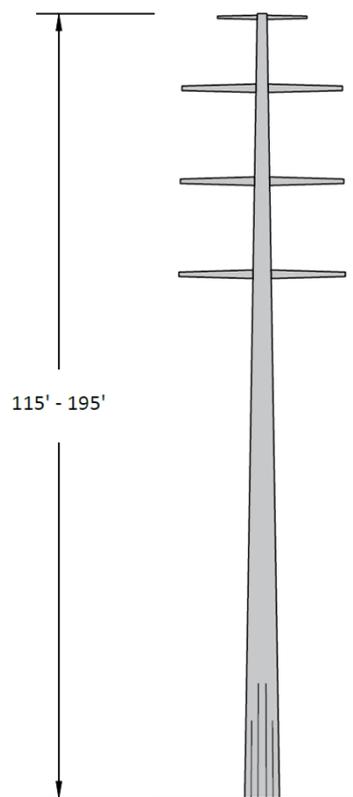


Exhibit G2
Double-Circuit 230kV Dead-End
Or Single-Circuit 230kV and Single-
Circuit 69kV Dead-End



Facilities

- Steel monopoles, Cut-in structures, and H-frames
- Height of structures
 - 115 – 195 feet
 - Cut-in structures for cutting in to existing 230kV line and crossing under Tucson Electric Power (TEP) transmission lines
 - H-frames for crossing over existing 69kV line
- Compatible with Phoenix Goodyear Airport
- Span lengths
 - 500 – 1,200 feet

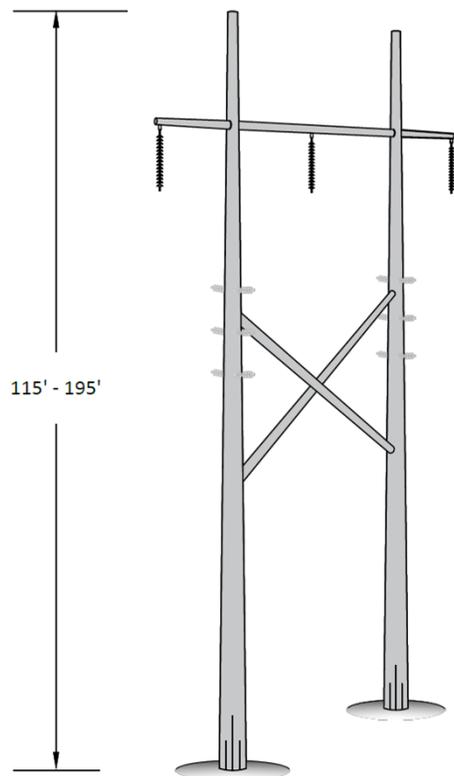


Exhibit G3
Single-Circuit 230kV H-Frame
with Double-Circuit 69kV Underbuild Capable

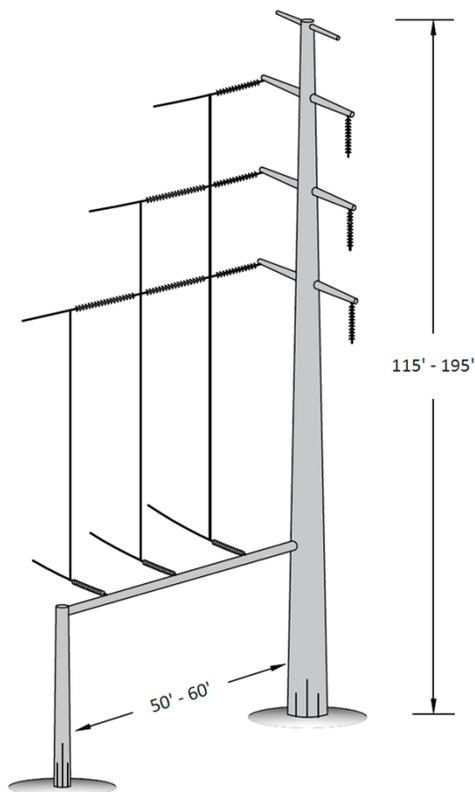


Exhibit G4
Single-Circuit 230kV Cut-In /
Single-Circuit 230kV Tangent



230kV Cut-In / 230kV Tangent
(example photo)



Environmental Planning Group

- Is an interdisciplinary environmental planning and permitting firm
- Has provided testimony before the Arizona Power Plant and Transmission Line Siting Committee on more than 30 previous cases
- Assisted APS in the preparation of the Application for the CEC for the Project





Overview and Results of Environmental Studies

- CEC Application
 - ✓ Land Use (Exhibits A and B)
 - ✓ Biological Resources (Exhibits C and D)
 - ✓ Visual Resources (Exhibit E)
 - ✓ Cultural Resources (Exhibit E)
 - ✓ Recreation Resources (Exhibit F)
 - ✓ Existing Plans (Exhibit H)
- Virtual Tour



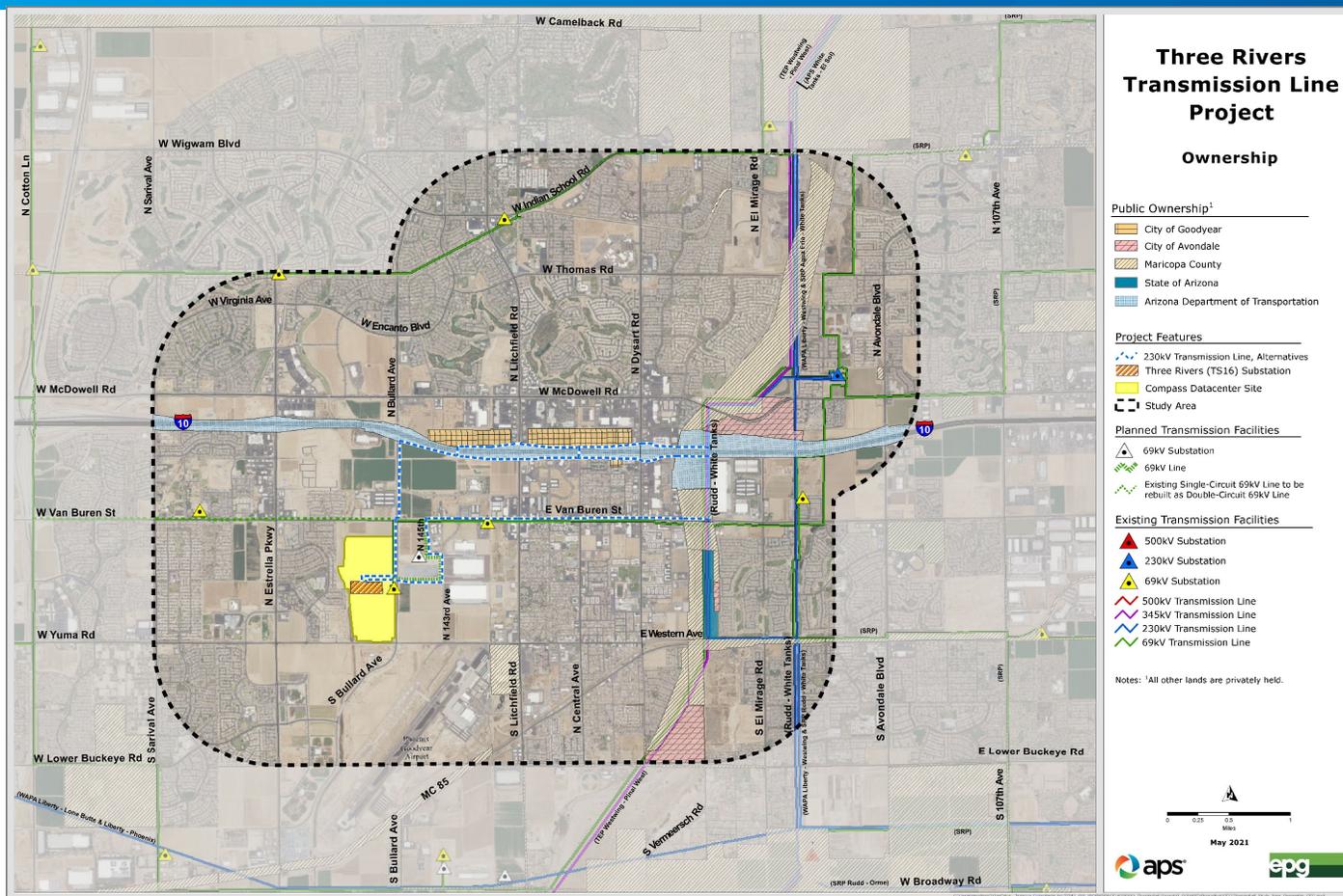
130

Ownership



- Public land
 - ADOT
 - Flood Control District of Maricopa County
 - City of Goodyear
 - City of Avondale
- Predominantly private land

Ownership – Exhibit A-1

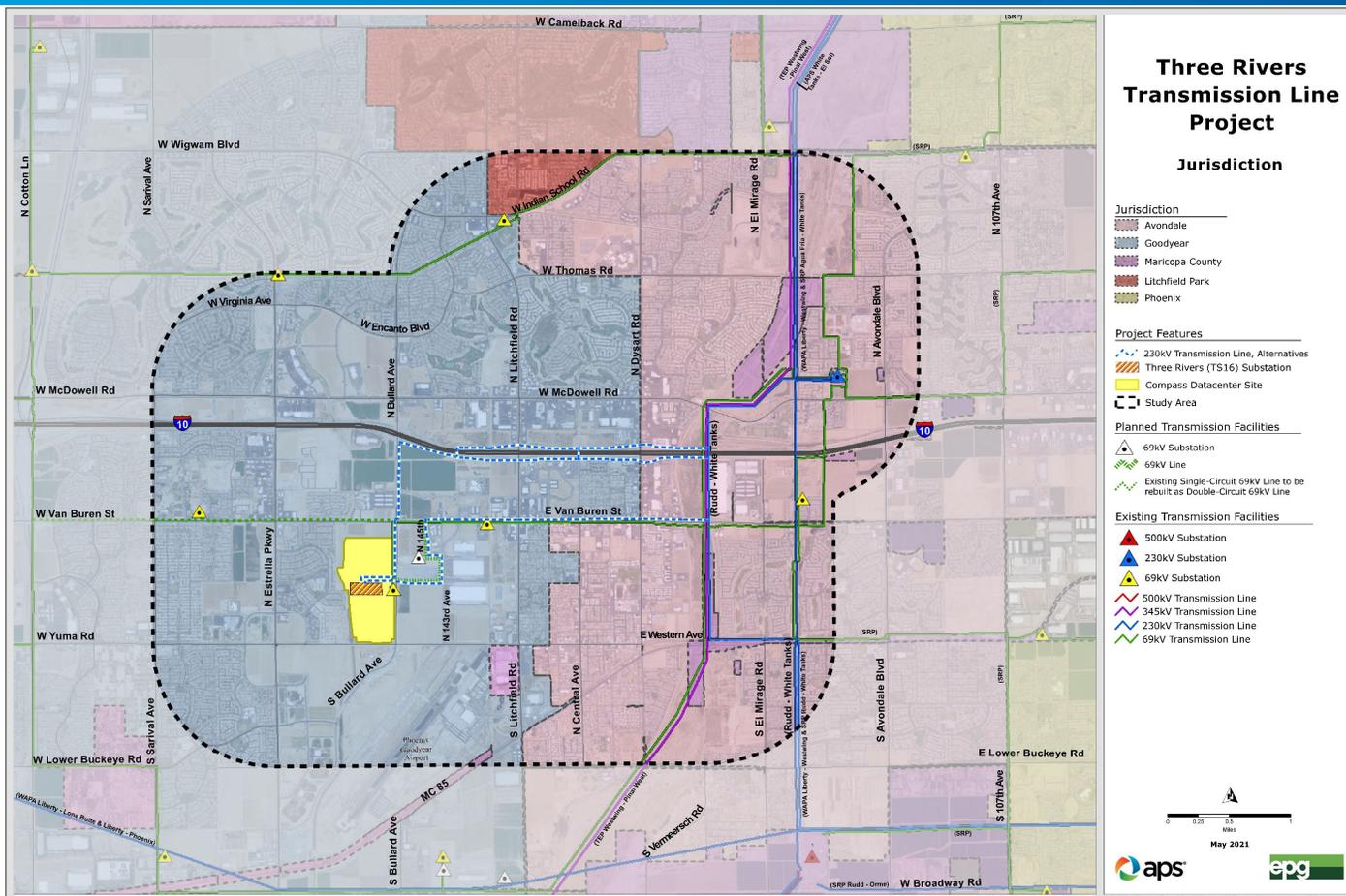


Jurisdiction



- Alternatives
 - City of Goodyear
 - City of Avondale
- Study Area
 - Maricopa County
 - City of Litchfield Park

Jurisdiction – Exhibit A-2

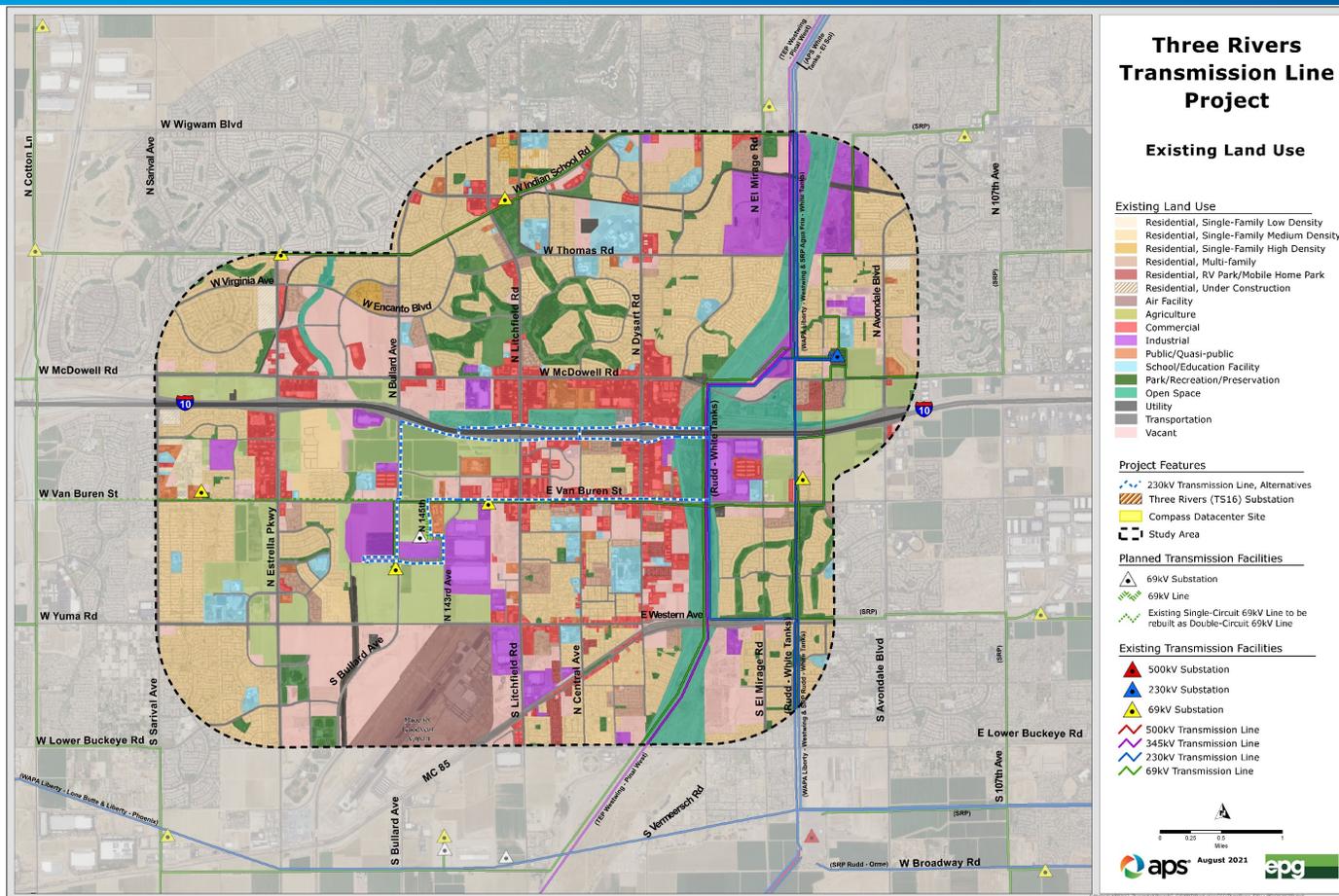


Existing Land Use



- East - commercial focused along I-10 corridor and major roadways
- West - transitioning from agriculture to light industrial
- Residential development
- Open space
- Utilities
- Transportation

Exhibit A-3



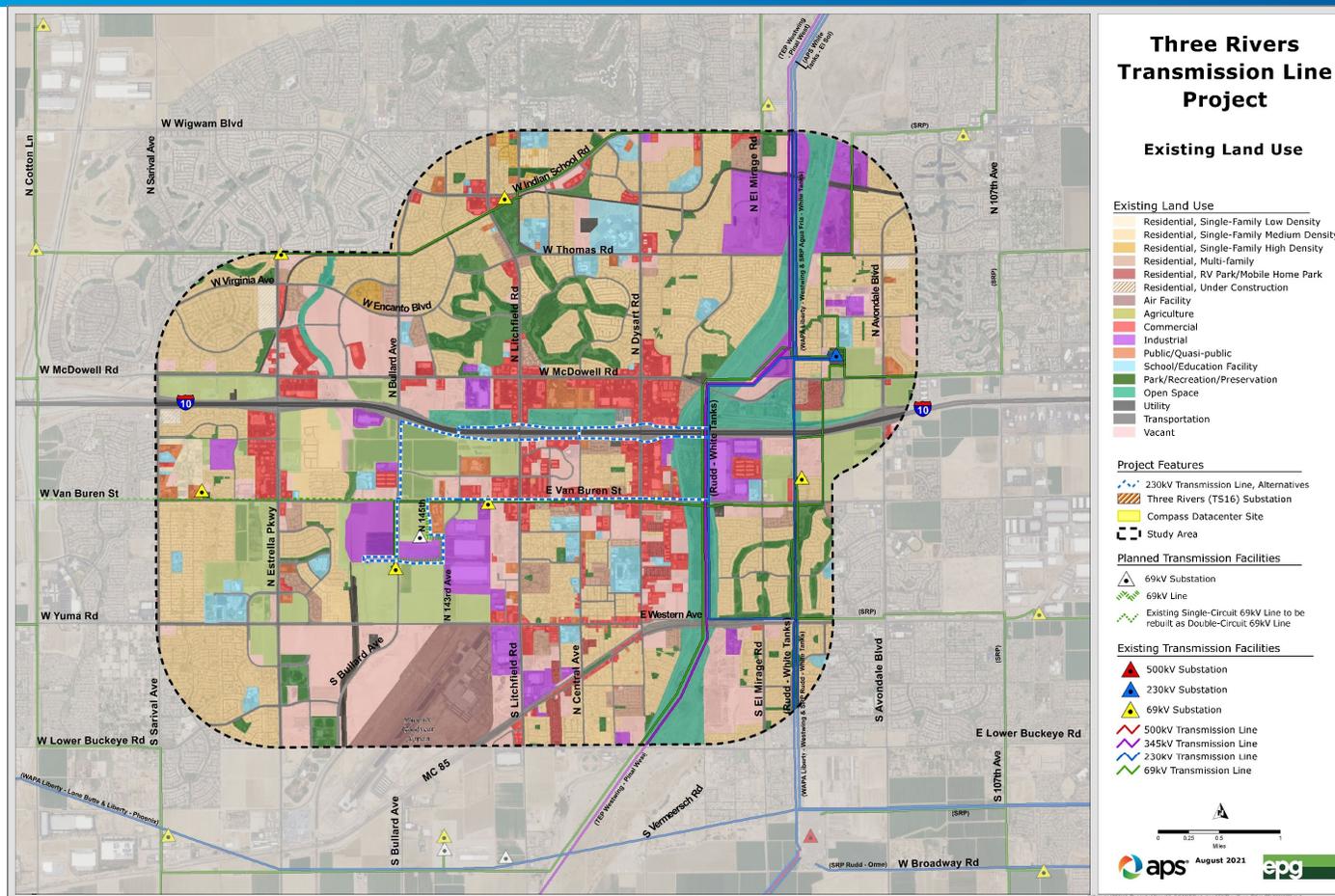
Compatibility with Existing Land Use



All Alternatives

- Co-located with existing linear features
- Compatible with existing land use
- Require no right-of-way on residential properties
- Minimize impacts to commercial properties along Van Buren Street
- Outside of ADOT controlled access plans, except for aerial crossings
- Compliant with Phoenix Goodyear Airport Master Plan and FAA requirements

Exhibit A-3



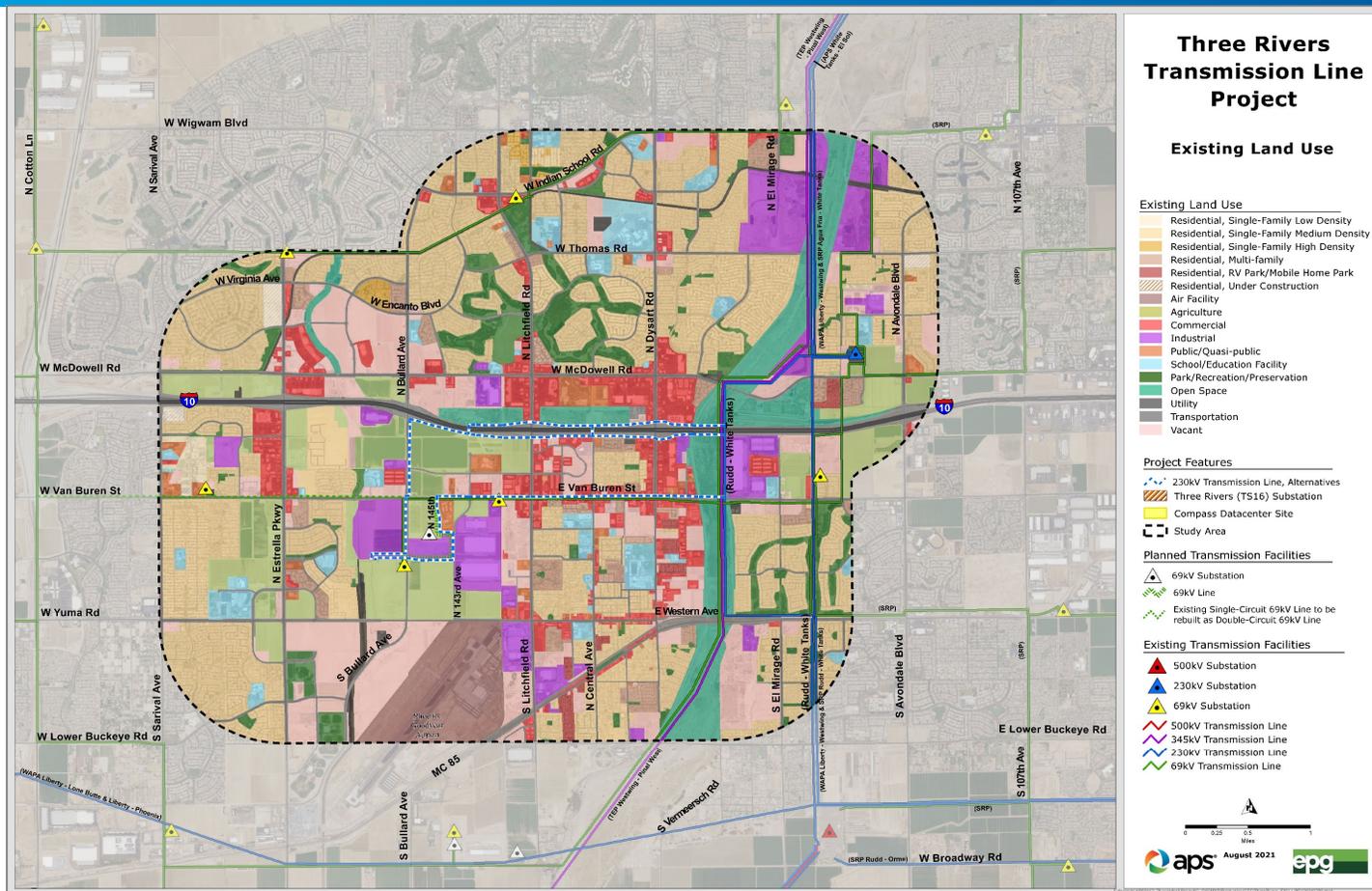
Compatibility with Existing Land Use



Preferred Route

- Requires right-of-way on fewer properties
- Impacts fewer commercial properties along I-10

Exhibit A-3

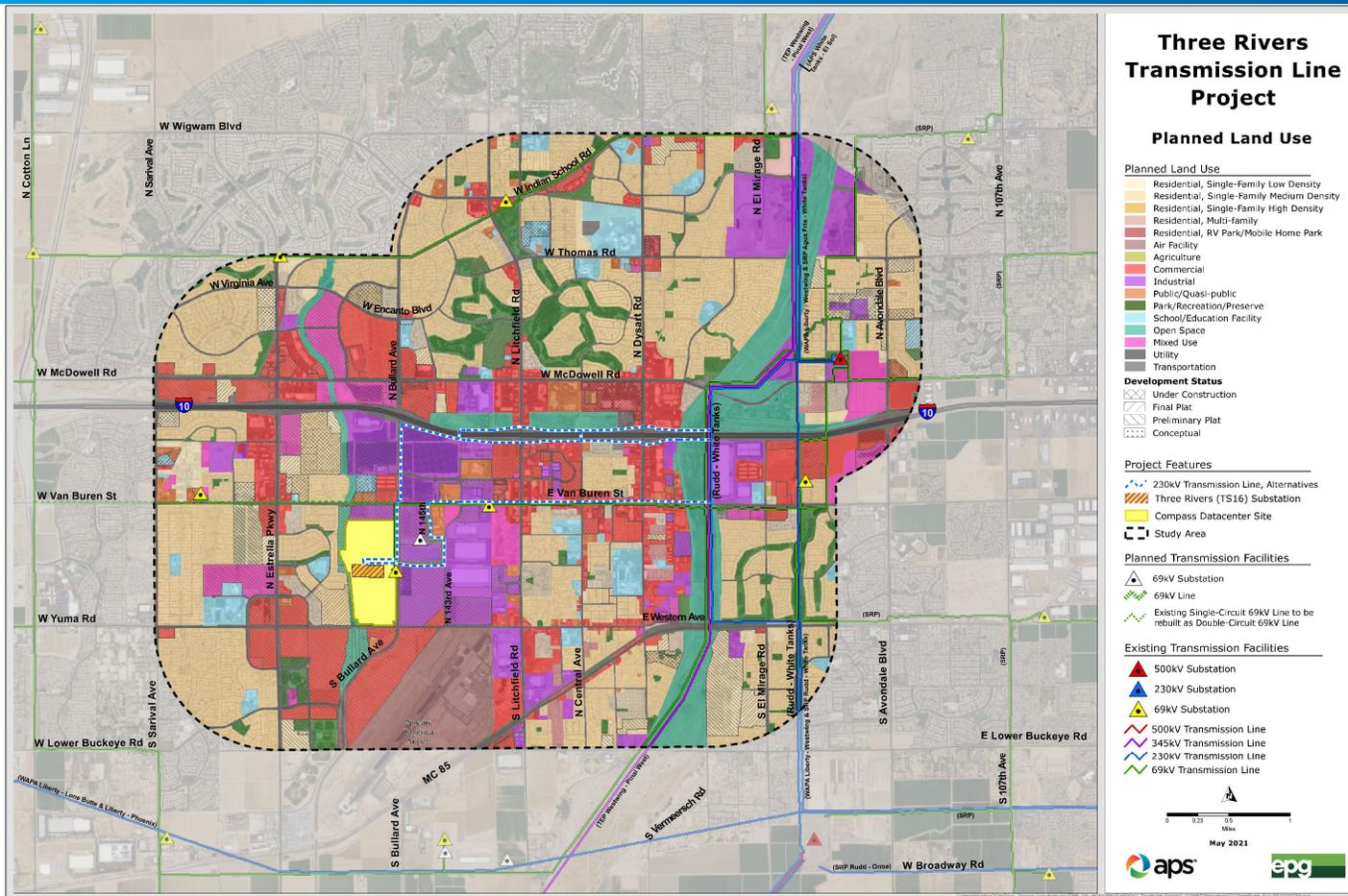


Planned Land Use



- Located within City of Goodyear's and the City of Avondale's designated **Growth Areas**
 - Targeted job centers:
 - I-10 Corridor
 - Phoenix Goodyear Airport
 - Redevelopment area
 - South of I-10 throughout study area

Exhibit A-4

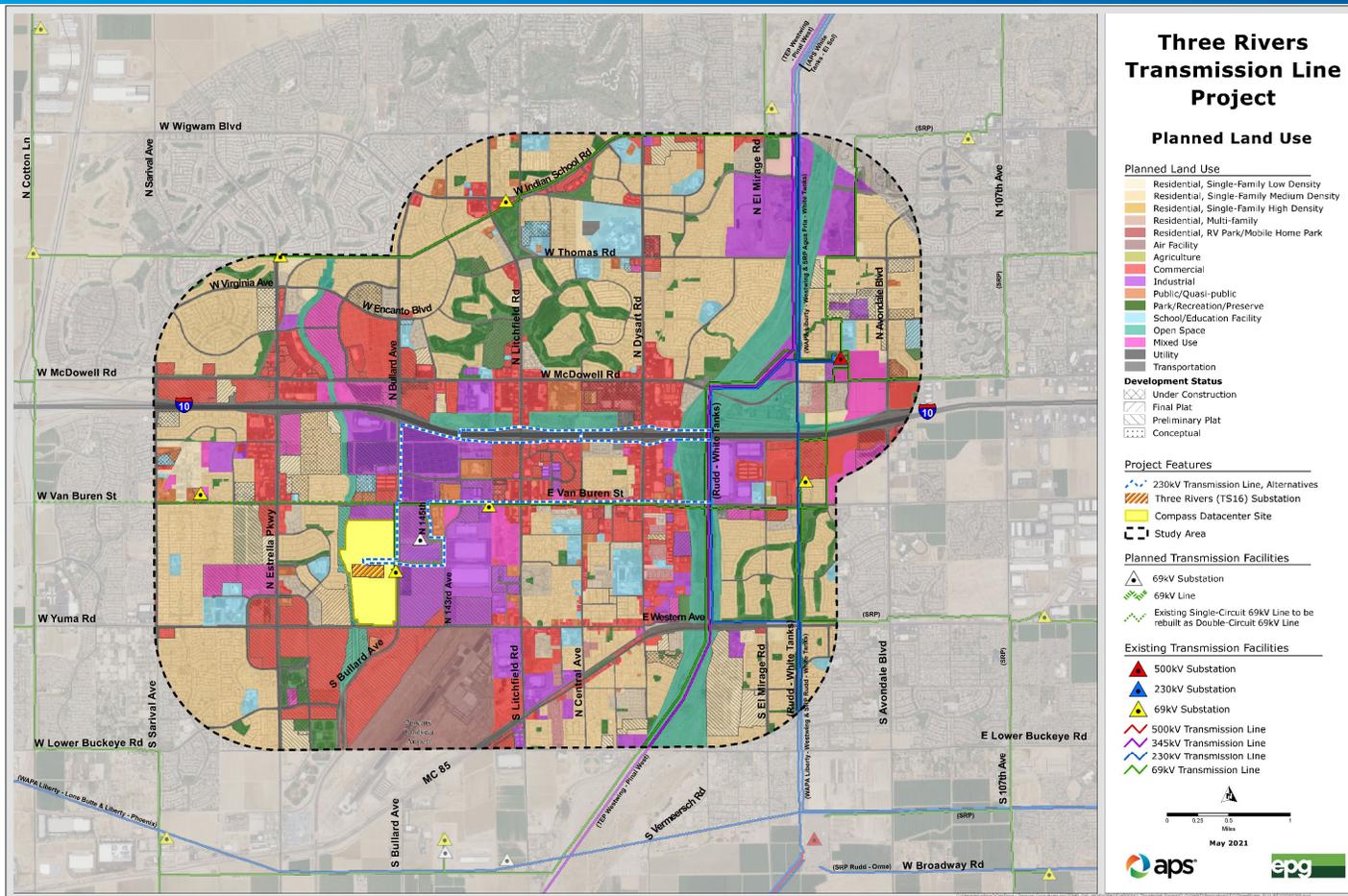


Compatibility with Planned Land Use

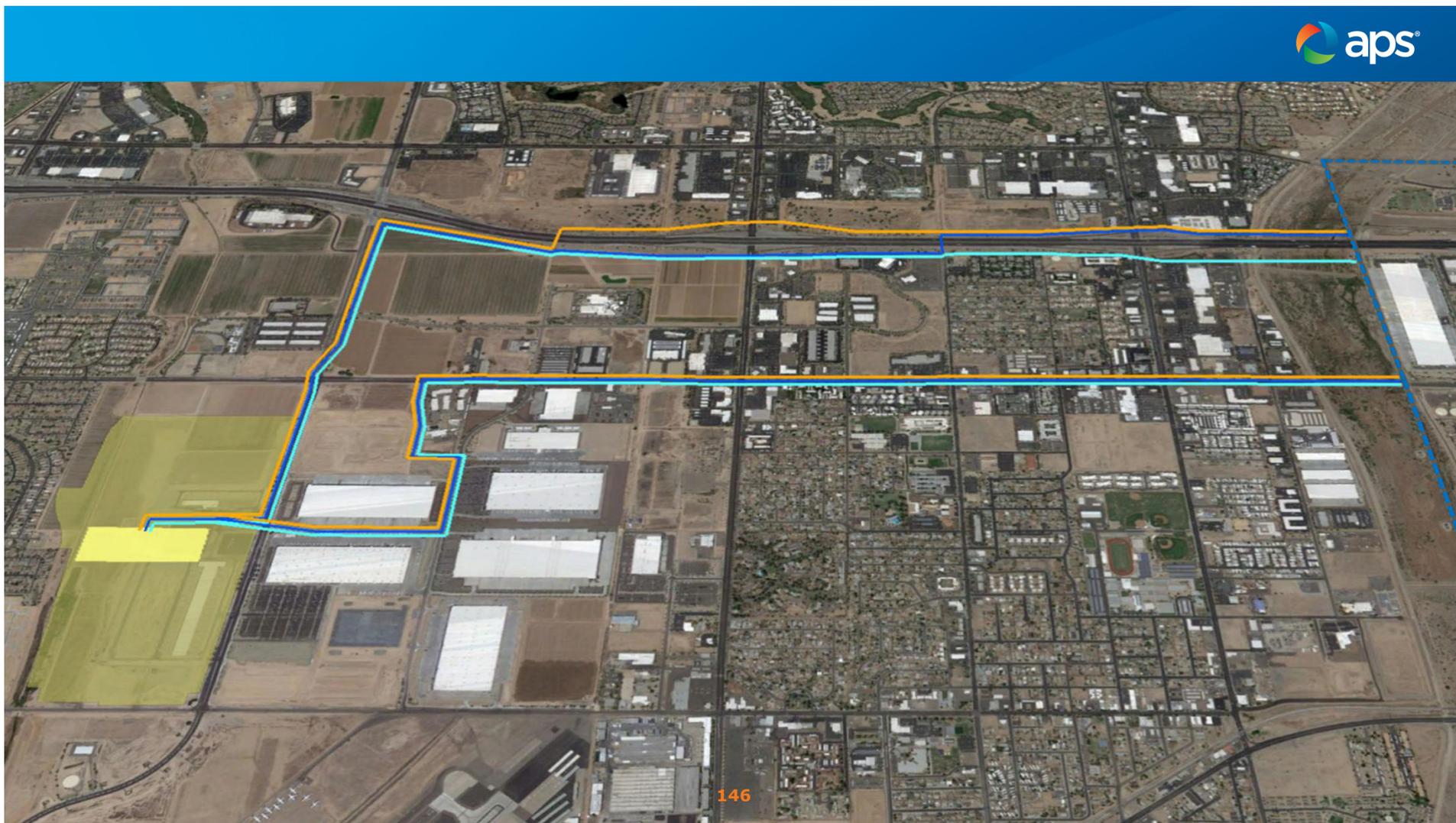


- Compatible with future land uses
 - City of Goodyear
 - Business and commerce
 - Industrial
 - City of Avondale
 - Commercial
 - Open space

Exhibit A-4



Biological Resources Exhibits C and D



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Biological Resources – Exhibits C and D



- Obtained information
 - Arizona Game and Fish Department
 - U.S. Fish and Wildlife Service
- Conducted field survey
- Within the Study Area:
 - No areas protected for the benefit of wildlife
 - Highly developed or utilized for agriculture
 - Suitable habitat identified for burrowing owl (special status species) associated with agricultural lands

Biological Resources – Exhibits C and D



Compatibility with Biological Resources



- No adverse effects to threatened and endangered species or associated habitats
- All alternative routes compatible with wildlife and plant species, as well as the affected habitat
- Project will be built to the Avian Power Line Interaction Committee (APLIC) suggested practices
- Will comply with AZ Game and Fish recommendations

Biological Resources – Exhibits C and D



APS-18

September 17, 2021

Mr. Paul Trenter
Regional Manager/Principal
Environmental Planning Group
4685 S Ash Ave, Suite H 4
Tempe, Arizona 85282

Electronically submitted to [REDACTED]

RE: Arizona Public Service (APS) Application for a Certificate of Environmental Compatibility for the Three Rivers 230kV Power Line Project.

Dear Mr Trenter

The Arizona Game and Fish Department (Department) appreciates the opportunity to review the Arizona Public Service (APS) Application for a Certificate of Environmental Compatibility for the Three Rivers 230kV Power Line Project situated within the cities of Goodyear and Avondale. The Department understands that the project consists of two new single-circuit 230kV transmission lines between 3.5 and 4 miles in length that will connect the existing APS Rudd-White Tanks 230kV transmission line to the Three Rivers Substation (formerly TS16). The Project is anticipated to be constructed primarily with steel, monopole structures that will be a mix of single-circuit and double-circuit. The majority of the Preferred and Alternative Routes identified in the Application are situated along roadways that pass through urban developed lands (primarily industrial), as well as agricultural cropland. Both of the Preferred Routes also cross the Agua Fria River adjacent to existing roadway infrastructure.

Under Title 17 of the Arizona Revised Statutes, the Department, by and through the Arizona Game and Fish Commission (Commission), has jurisdictional authority and public trust responsibilities to protect and conserve the state fish and wildlife resources. In addition, the Department manages threatened and endangered species through authorities of Section 6 of the Endangered Species Act and the Department's 10(a)1(A) permit. It is the mission of the Department to conserve and protect Arizona's diverse fish and wildlife resources and manage for safe, compatible outdoor recreation opportunities for current and future generations. For your consideration, the Department provides the following comments based on the agency's statutory authorities, public trust responsibilities, and special expertise related to wildlife resources and recreation.

As noted in your application, the western burrowing owl (*Athene cunicularia hypugaea*), a special status species that is regulated under the Migratory Bird Treaty Act (MBTA), is known to occur in the vicinity of your project. The Department supports the application's recommendation

azgfd.gov | 602.942.3000

5000 W. CAREFREE HIGHWAY, PHOENIX AZ 85086

GOVERNOR: DOUGLAS A. DUCEY COMMISSIONERS: CHAIRMAN KURT R. DAVIS, PHOENIX | LELAND S. 'BILL' BRAKE, ELGIN
JAMES E. COUGHNOUR, PAYSON | TODD C. GEILER, PRESCOTT | CLAY HERNANDEZ, TUCSON DIRECTOR: TY E. GRAY DEPUTY DIRECTOR: TOM P. FINLEY

From: Cheri Boucher <cboucher@azgfd.gov>

Sent: Thursday, September 23, 2021 3:41 PM

To: Kahrs, David <DKahrs@epgllc.co>

Cc: gritter@azgfd.gov; Trenter, Paul <PTrenter@epgllc.co>; Tracy Mccarthy <tmccarthy@azgfd.gov>

Subject: Re: AZGFD Review of the APS Three Rivers CEC Application No: L-00000D-21-0292-00193

Hi David,

Thank you for the memo and the investigation into wildlife species that may inhabit the bridges. Given the height of the built transmission line, we wouldn't have concerns about the operation of the line.

During construction, if you end up needing to construct a tower within the Agua Fria River during the swallow breeding season (March -July), and the tower or construction equipment is situated within 100 feet of the bridges, I recommend contacting our Avian Coordinator, Tracy McCarthy (tmccarthy@azgfd.gov), to determine if any conservation measures would be necessary. An example of a conservation measure might be to remove the old nests from the bridge before the swallows migrate back to Arizona to start nesting, just to ensure that disturbance (noise and vibration) from construction doesn't cause the swallows to abandon their nests.

Don't hesitate to contact me with any questions or concerns,

Thank you,

CHERI BOUCHER | PROJECT EVALUATION PROGRAM SPECIALIST
ARIZONA GAME AND FISH DEPARTMENT

OFFICE: 623-236-7615

EMAIL: cboucher@azgfd.gov

azgfd.gov | 5000 W. Carefree Highway, Phoenix, AZ 85086

Join our new [Conservation Membership](#) program and ensure a wildlife legacy for the future.



Visual Resources Exhibit E



152

Visual Resources – Exhibit E



- Setting
 - Scenery/Scenic Quality
 - Sensitive Viewers
- Project features
 - Degree of visual contrast and change with the existing setting
 - Simulations - compare the project visual modifications with existing setting



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Visual Resource Compatibility



- All Alternatives
 - Co-location with existing 69kV transmission lines, for 3.4 miles or 45% of the project
 - Co-location with I-10 corridor for 2.6 miles or 35% of the project
 - Minimizes visual impacts
- Preferred Route
 - Location along the north side of I-10, further minimizes visual impacts to sensitive residential viewers





Cultural Resources Exhibit E



Cultural Resources – Exhibit E



- Conducted inventory of previously identified historic sites and structures, and archaeological sites in support of the State Historic Preservation Act
- Alternative routes are not expected to directly or indirectly affect historic sites, structures, or archaeological sites
- Received State Historic Preservation Office (SHPO) concurrence

Cultural Resources Compatibility



APS-19

O'Neil, Teresa

From: David Jacobs [REDACTED]
Sent: Wednesday, September 8, 2021 9:46 AM
To: O'Neil, Teresa
Subject: APS Three Rivers CEC application

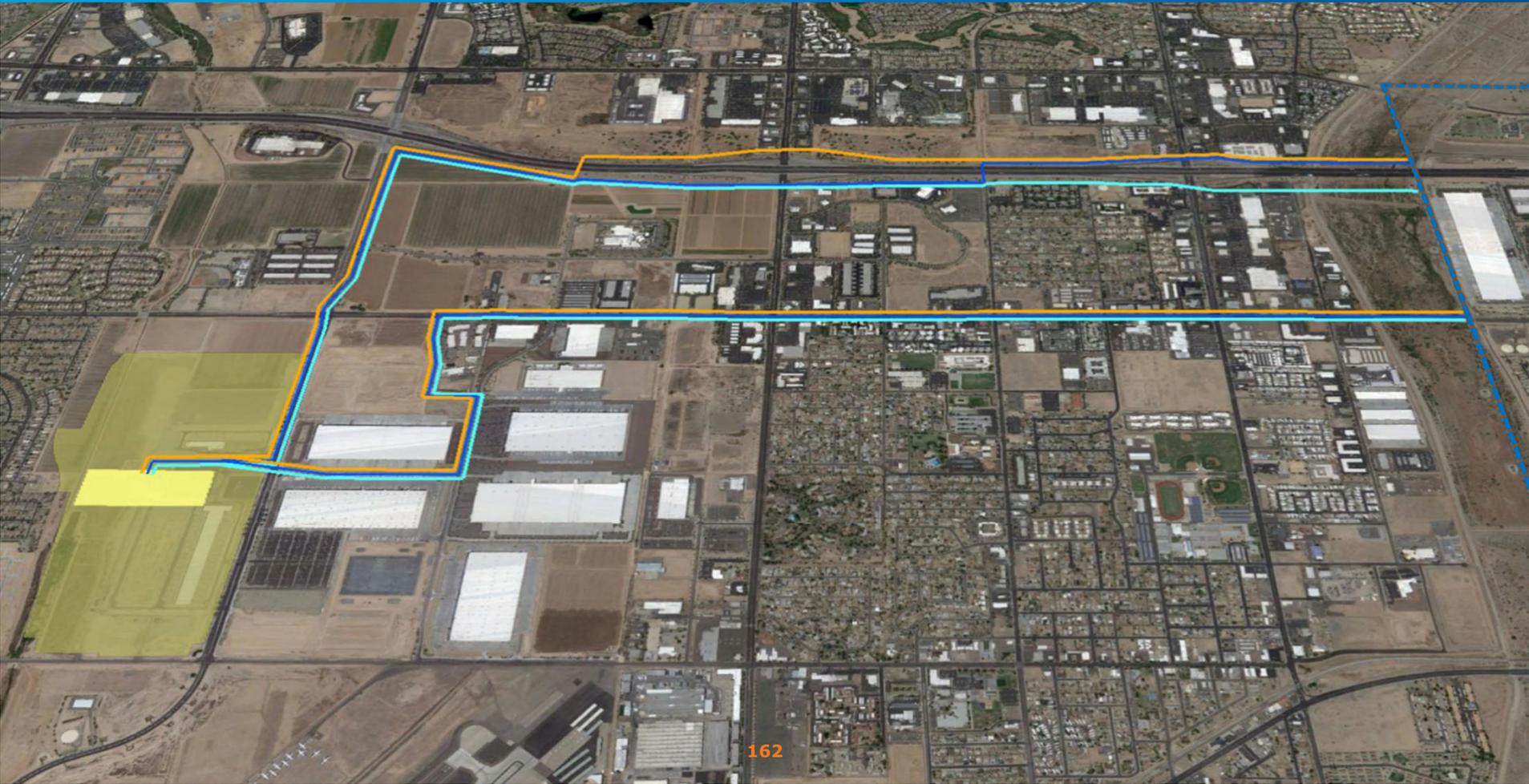
Teresa-

Thank you for sending a copy of the CEC application for review. We concur with the discussion, conclusions, and recommendations on pages E-6 through E-8 regarding cultural resources. Please send our office the Case # when it is assigned for the project.

David Jacobs, Arizona State Historic Preservation Office



Recreation Resources Exhibit F



Recreation Resources – Exhibit F



- Conducted inventory of existing and planned recreational areas
- Preferred Route and Alternative Route #1 cross City of Goodyear open space
 - designated growth area for business and commerce
- All Alternatives would cross open space associated with the Agua Fria River, but would not conflict with existing or planned recreation facilities



Hey Jessica,

We no longer call it Wellspring Park and there are no plans at this time for developing that area. The Wellspring Park Board no longer exists either. I've copied Nathan in case I've missed something.

Wynette Reed

Deputy City Manager
City Manager's Office
City of Goodyear, Arizona
190 N Litchfield Road
Goodyear, AZ 85338

v 623-882-7058 m 623-696-7675

w goodyearaz.gov

e wynette.reed@goodyearaz.gov





Existing Plans Exhibit H



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Existing Plans – Exhibit H



- Arizona Department of Transportation
- Arizona Game and Fish Department
- Arizona State Historic Preservation Office
- Arizona State Land Department
- City of Avondale
- City of Goodyear
- City of Litchfield Park
- City of Phoenix
- City of Phoenix Aviation Department Planning and Environmental Division
- Flood Control District of Maricopa County
- Gila River Indian Community
- Maricopa County
- Maricopa County Department of Transportation
- Maricopa County Parks and Recreation Department
- Maricopa County Water District
- Roosevelt Irrigation District
- Salt River Project
- Tuscon Electric Power
- Western Area Power Administration

Existing Plans – Exhibit H



4685 S. Ash Ave, Suite H-4, Tempe, AZ 85282
P (480) 897-8200 | F (480) 897-1133

February 15, 2021

Julie Arendall
City Manager
City of Goodyear
190 N. Litchfield Road
Goodyear, AZ 85338

Subject: Arizona Public Service Application for a Certificate of Environmental Compatibility for the APS Three Rivers 230kV Transmission Line Project

Dear Julie Arendall,

Arizona Public Service Company (APS) plans to file an application for a Certificate of Environmental Compatibility (CEC) for a customer-driven 230 kilovolt (kV) transmission line project with the Arizona Power Plant and Transmission Line Siting Committee in April of 2021. This project is referred to as the Three Rivers 230kV Transmission Line Project (Project). The Project would include development of a 230kV transmission line and associated substation facility needed to serve a new data center located west of Bullard Avenue between Van Buren Street and Yuma Road. The proposed project is designed to connect the new Three Rivers Substation, located near Bullard Avenue and Van Buren Street in Goodyear, to an existing 230kV transmission line along the Agua Fria River in Avondale.

APS and its consultant, Environmental Planning Group, implemented a comprehensive public siting process to identify and evaluate suitable locations for proposed transmission line routes. Through this process, an APS-preferred route and two alternative routes were identified that will be brought before the Siting Committee (see attached maps). APS will request Siting Committee approval for the CEC for the preferred transmission line route.

Arizona Administrative Code Rule R14-3-219 directs an applicant to include in its CEC application an Exhibit H addressing the following: "To the extent the applicant is able to determine, state the existing plans of the state, local government, and private entities for other developments at or in the vicinity of the proposed site or route."

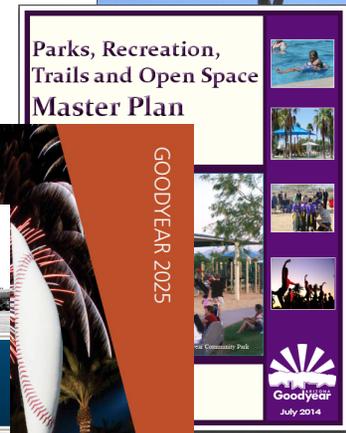
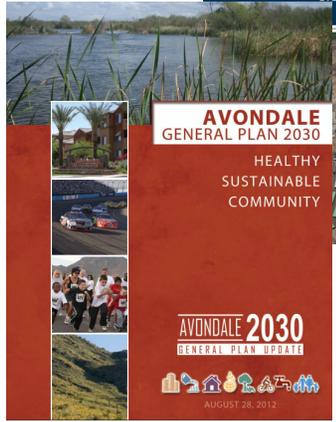
Your organization is invited to provide information or written comments regarding development plans in the vicinity of the proposed Project (as depicted on the maps). If you have already provided information on the project, that information is included as part of the project record. APS requests your comments be submitted in writing, specifically including your organization's existing or future development plans that you have identified or are known to you at this time.

To allow your information to be included in APS's CEC application(s), please forward your written comments to me by Tuesday, February 26, 2021 via email at [redacted] or by physical mail at 4685 South Ash Avenue, Suite H-4, Tempe, AZ 85282.

Sincerely,

Paul Trenter,
Regional Manager/Principal
Environmental Planning Group

cc: Stephen Eich
Enclosure



Existing Plans – Exhibit H



➤ Responses

- Support for all Alternative Routes (City of Goodyear)
- Support for the Preferred Route (City of Avondale)
- Appreciation for consideration of critical airport/FAA safety surface in the siting analysis (City of Phoenix Aviation Department)
- Acknowledged need to continue coordination on I-10 (ADOT)
- No plans or future plans that conflict with Alternative Routes (Maricopa County Parks and Recreation)

Existing Plans – Exhibit H



City of Goodyear
Office of the Mayor and Council



March 2, 2021

Arizona Corporation Commission
1200 W. Washington Street
Phoenix, AZ 85007

RE: Letter of Support
APS Three Rivers 230kV Power Transmission Lines Siting

Chairwoman Lea Marquez Peterson and Commissioners,

The City of Goodyear Council supports APS' application for a certificate of environmental compatibility (CEC) and APS' selection of their preferred route and the two identified alternate routes to connect new power lines and a substation into an existing 230kV transmission line to serve a new data center, located west of Bullard Avenue between Van Buren Street and Yuma Road.

This project will provide power to important business locates that will benefit our community significantly through increased revenue and quality jobs, as well as serve as a catalyst for additional economic opportunities for our growing city.

The City of Goodyear appreciates APS' dedication to this project, as well as their continued support as a valued community partner. Thank you for your time and consideration of this matter.

Sincerely,

Mayor
City of Goodyear, Arizona

From: [Ginna Cackin](#)
To: [Perry, Jessica](#)
Cc: [Eich, Stephen K](#)
Subject: RE: Three Rivers Alternative Route Update
Date: Wednesday, March 31, 2021 3:05:33 PM

Hi Jessica –

Thank you for sharing this and for being so responsive and helpful with our additional questions. The City remains supportive of all three routes, and is okay with the preferred route being changed.

Please let me know if you may need anything additional from us.

Talk to you soon,

Ginna

From: Raul Amavisca <ramavisca@azdot.gov>
Sent: Thursday, September 30, 2021 5:40 PM
To: O'Neil, Teresa
Cc: Stephen.Eich@aps.com; Trenter, Paul
Subject: Re: Three Rivers - Corridor illustrations and preliminary alignment

ADOT Central District understands that APS may need to do an aerial crossing of I-10 and accepts this need. We also agree that the 100' overlap in ADOT controlled access may include an aerial overhang into the ADOT controlled access for specific constrained areas. We understand that APS's intent is that all transmission structures will remain outside of the ADOT controlled access. Any actual crossing in our freeway Right of Way or aerial overhang will require prior approval.

Raul G. Amavisca, PE

Engineering Administrator

ADOT Central District
2140 W. Hilton Avenue, Mail Drop PM00

Environmental Conclusions

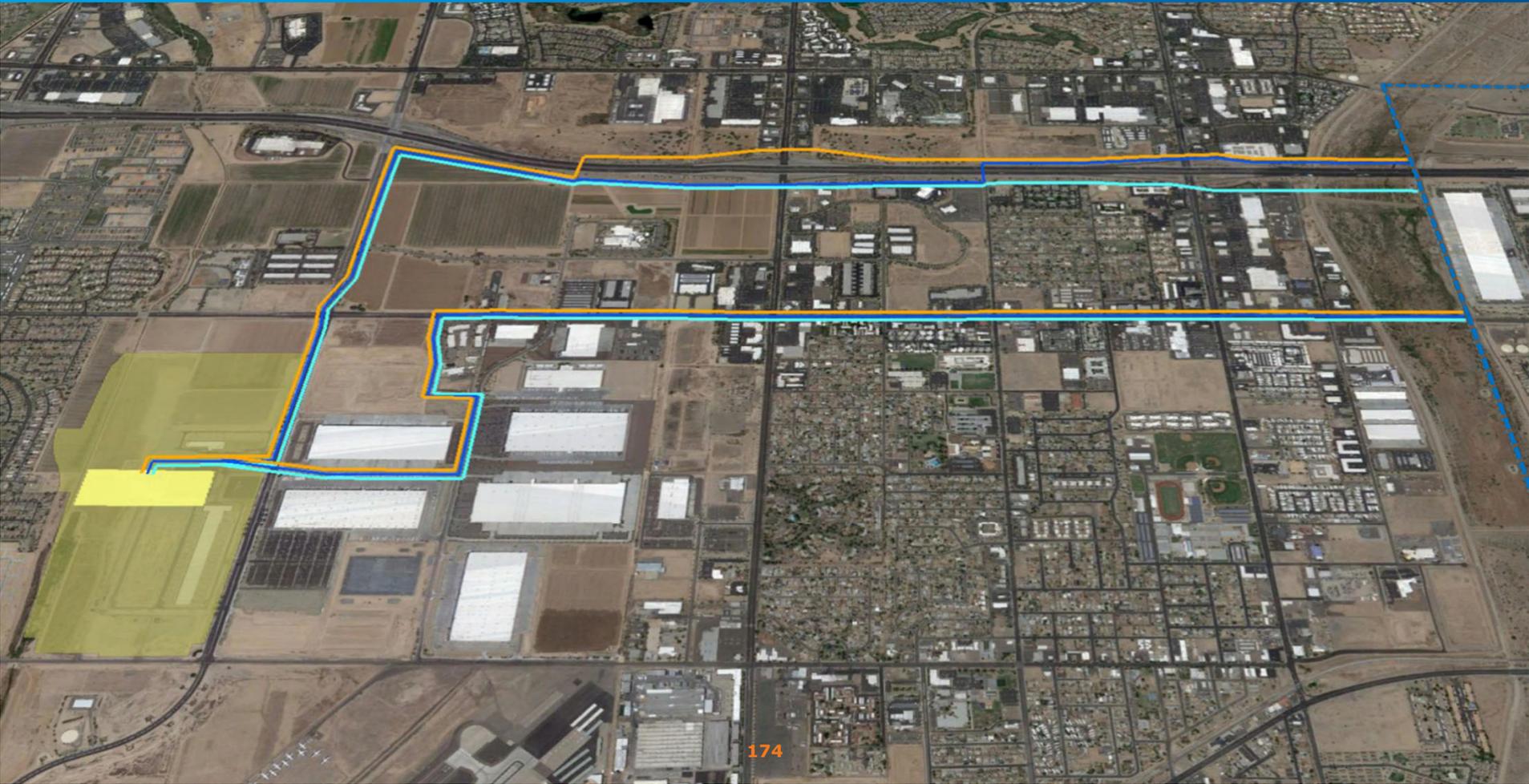


Environmental Compatibility



All Alternatives

- Conform with applicable management plans
- Within designated growth areas for industrial and business & commerce development
- Co-located with existing and planned 69kV transmission lines for 3.3 miles (45%) and Co-located with I-10 for 2.6 miles (35%)
- Result in minimal effects to existing and planned land use, recreation, visual, cultural, and biological resources
- All alternatives are environmentally compatible



Environmental Compatibility



Preferred Route

- Supported by City of Goodyear and City of Avondale
- Compliant with FAA requirements
- Compliant with ADOT controlled access plans
- Minimizes visual impact to sensitive residential views
- Minimizes impacts to commercial properties



Noise and EMF Analysis Exhibit I



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Noise Analysis

- Industrial, residential, and agricultural area with existing power lines
- New lines to be consistent with noise levels of existing lines
- Minimal noise impacts expected due to this line

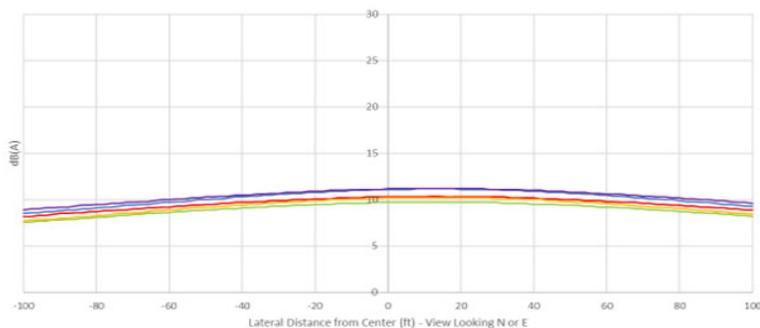


Exhibit I-2. L50 Fair Weather Audible Noise by Line Segment

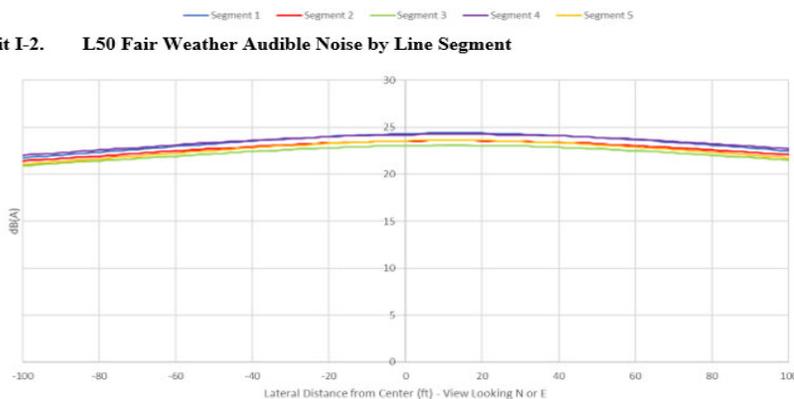
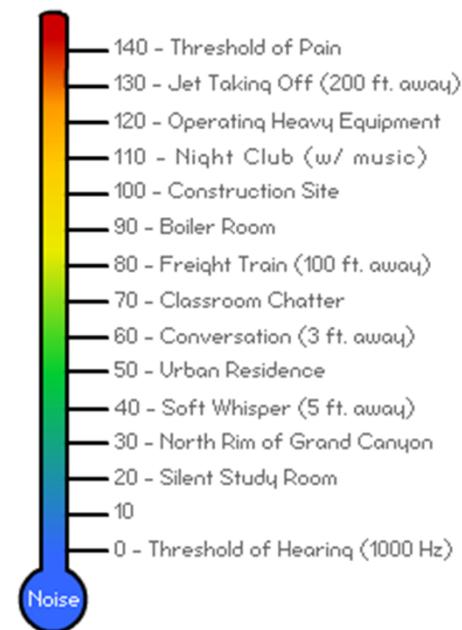


Exhibit I-3. L50 Rain Audible Noise by Line Segment

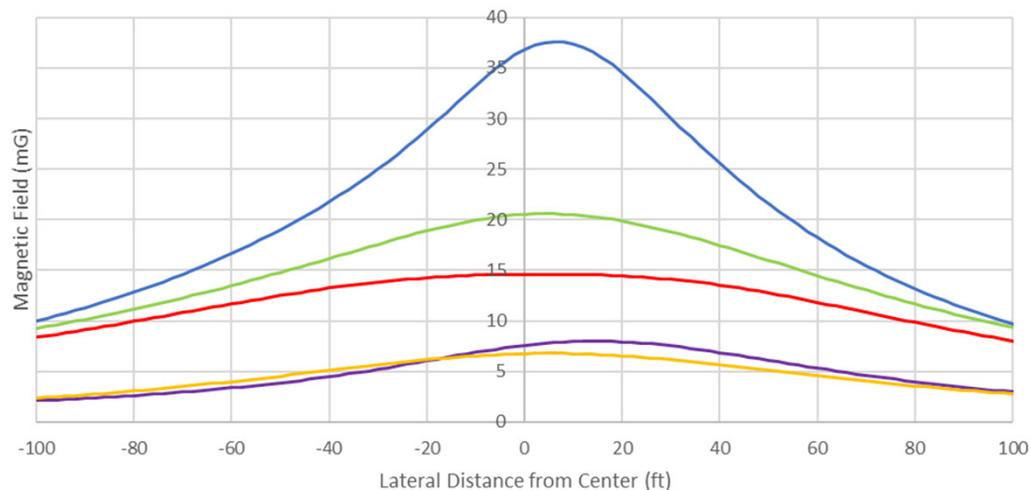
Typical Sound Levels (dBA)



Source: United States Department of Labor - OSHA

EMF Analysis

- Expected Electric Field values is well below the 5kV/meter limit outside the right-of-way and 10kV/meter inside the right-of-way as specified by Institute of Electrical and Electronics Engineers (IEEE) Standards
- Calculated Magnetic Field comparable to existing lines of this voltage



— Segment 1 — Segment 2 — Segment 3 — Segment 4 — Segment 5

Exhibit I-7

Appliances	6 inches	12 inches	24 inches	48 inches
Microwave Oven	100 - 300	1 - 200	1 - 30	* - 20
Hair Dryer	1 - 700	* - 70	* - 10	* - 1
Electric Range	20 - 200	* - 30	* - 9	* - 6
Video Display Terminal (PCs with Color Monitors)	7 - 20	2 - 6	1 - 3	*

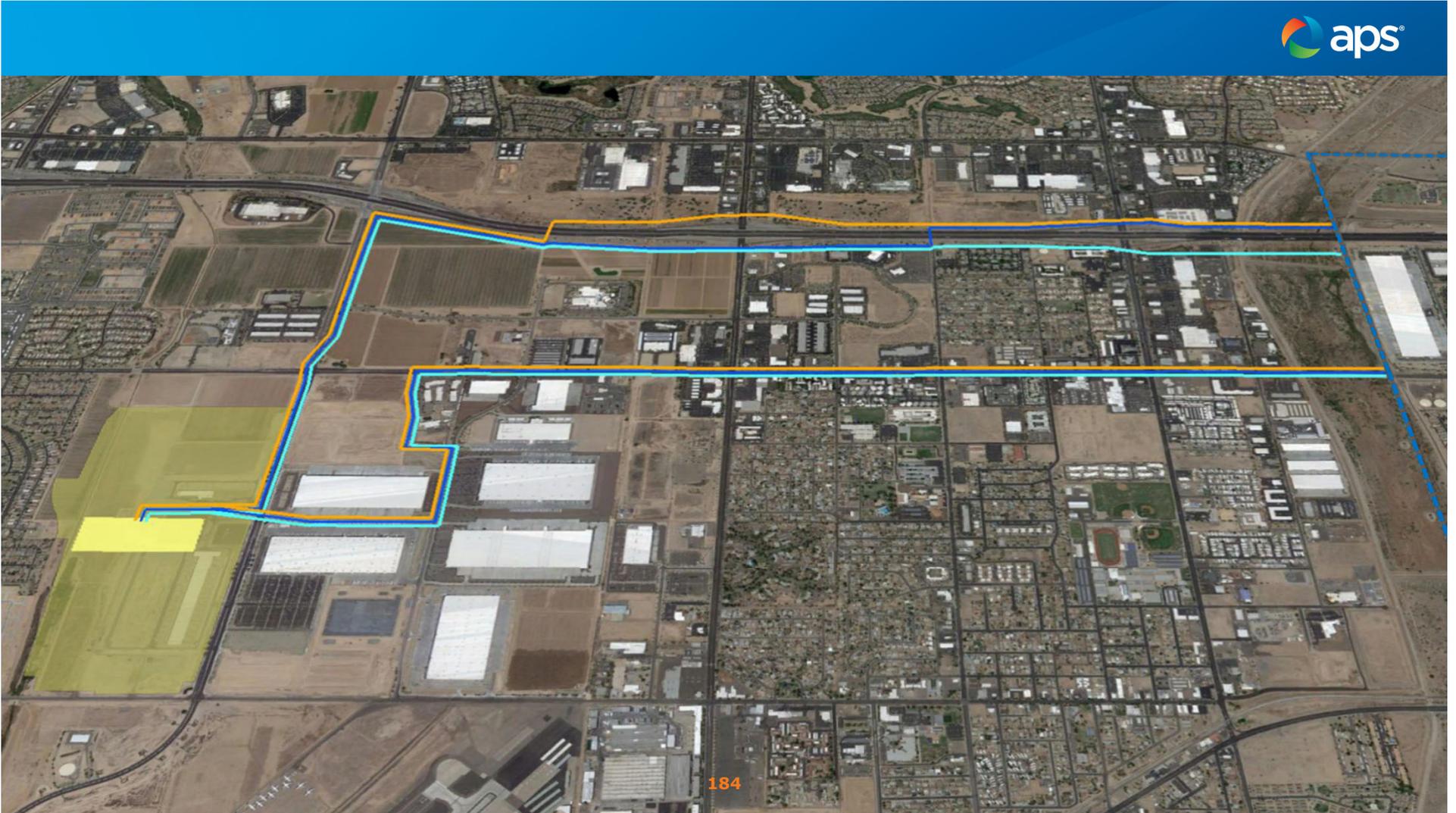
Transmission Lines (kV)	Right of Way	100 feet	200 feet	300 feet
115 Kilovolts	30	2	0.4	0.2
230 Kilovolts	58	7	1.8	0.8
500 Kilovolts	87	13	3.2	1.4

Source: EMF In Your Environment, epa.com

Notes: The asterisk (*) indicates measurement same as background fields. All measurements are in milliGauss (mG). Transmission line values are typical, average usage values at 3.3 ft above ground.



Application and Notice Requirements Exhibit J



184

Application and Notice

- Application
 - Filed on August 24, 2021
- Publication of Notice of Hearing
 - West Valley View: September 1 and 8, 2021
 - Arizona Republic: September 1, 3, 8 and 10, 2021
- Posting of signs
 - 11 signs posted September 6, 2021



CEC Application

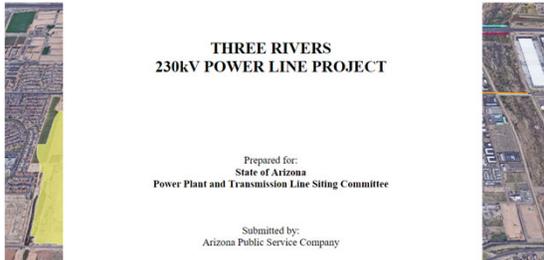
Case No. _____

Application
for a
Certificate of Environmental Compatibility

**THREE RIVERS
230kV POWER LINE PROJECT**

Prepared for:
**State of Arizona
Power Plant and Transmission Line Siting Committee**

Submitted by:
Arizona Public Service Company



APS-09

West Valley View

WEST VALLEY VIEW NEWS | SEPTEMBER 1, 2021

BEFORE THE ARIZONA POWER PLANT

NOTICE OF HEARING

WEST VALLEY VIEW NEWS | SEPTEMBER 8, 2021

BEFORE THE ARIZONA POWER PLANT

NOTICE OF HEARING

Each must AFFIDAVIT OF DISTRIBUTION AFFIDAVIT OF DISTRIBUTION
October 4, Arizona 85

Any domestic STATE OF (Arizona) STATE OF (Arizona)
builder or developer COUNTY OF (Maricopa) COUNTY OF (Maricopa)
Notice of a CITY OF (Phoenix) CITY OF (Phoenix)
The Cause a hearing is than five (5) Claudia Sowards Claudia Sowards
This process constitute proceeding have been the publisher and/or the designated agent of the publication known as, West Valley View - AZ Zone (West Valley View - AZ Zone) ("Publication")

ORDERED: And have full knowledge of the fact The ad for APS the ad for APS ("Ad/Advertisement") was distributed to the Publication's full circulation on the 1st day of September, 2021.

By: Claudia Sowards Printed Name: Claudia Sowards
Title: Executive Assistant Title: Executive Assistant

Subscribed and sworn to before me this 1st day of September, 2021. Subscribed and sworn to before me this 1st day of September, 2021.

Notary Seal: Notary Seal: [Notary Seal] [Notary Seal]



APS-09

AZ Republic

12 25 | MIDWEEK, 09.01.21 | AZCENTRAL.COM

NOTICE OF HEARING

BEFORE THE ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE

THE ARIZONA REPUBLIC
PO Box 194, Phoenix, Arizona 85001-0194
Phone 1-602-444-7315 Fax 1-602-444-6443

STATE OF WISCONSIN
COUNTY OF BROWN

APR-CORPORATE-GO/LAVIDGE
277 E CAMELBACK RD STE 300
PHOENIX, AZ 85001

Each county, municipal government, October 4, 2021, file a Notice of Intent Arizona 85007.

Any domestic non-profit cooperative health or other biological values; to development of the area in which the Notice of Intent to Become a Party is

The Committee or the Chairman, at a hearing by filing a statement in writ than five (5) days before October 4, 2021.

This proceeding is governed by Ariz communication not in the public eye; Commission pursuant to A.R.S. 44B-09/01/2021, 09/01/2021, 09/01/2021.

ORDERED this 25th day of August 2021.

Subscribed and sworn to before me this 19th day of September, 2021.

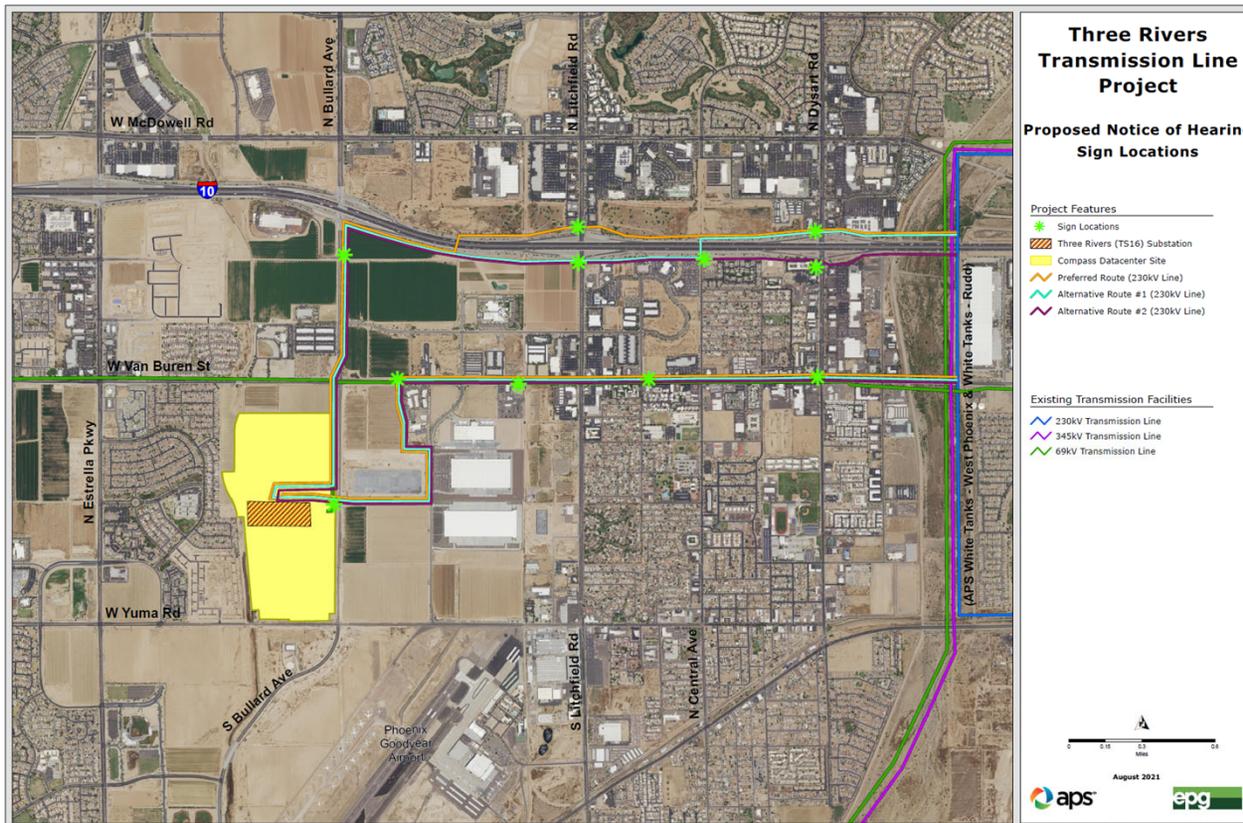
Thomas K. Chertak, Chairman
Arizona Power Plant and Transmission Siting Committee

VICKY DELLY
Notary Public
State of Wisconsin



Application and Notice

- Application
 - Filed on August 24, 2021
- Publication of Notice of Hearing
 - West Valley View: September 1 and 8, 2021
 - Arizona Republic: September 1, 3, 8 and 10, 2021
- Posting of signs
 - 11 signs posted September 6, 2021



Application and Notice

➤ Affected Jurisdictions

- Cities of Goodyear, Avondale, and Litchfield Park
- City of Phoenix Aviation Department
- AZ Department of Transportation
- Maricopa County and Flood Control District of Maricopa County

➤ Public Libraries

- Goodyear Library : August 25, 2021
- Sam Garcia Western Avenue Library : August 25, 2021



Affected Jurisdictions

SENDER: COMPLETE THIS SECTION

1. Article Addressed to: Raul Amavisca
RE: L-000000-21-0292-00193
205 S. 17th Avenue MD 612E
Phoenix, AZ 85007

COMPLETE THIS SECTION ON DELIVERY

A. Signature: X [Signature]
B.1. Received by (Printed Name): D.D. Wilson, Customer of Pub. 7-7-2021
C. Date of Delivery: 9-2
D. Delivery address different from item 1? Yes/No

2. Article Number: [Redacted]

3. Article Addressed to: Heather Mitchell
RE: Arizona Public Service Company (APS) in the matter of the Application for a Certificate of Environmental Compatibility (CEC)
Docket No. L-000000-21-0292-00193

4. Article Addressed to: Pam Maslow
RE: L-000000-21-02
214 West Wigwam B
Litchfield Park, AZ

5. Article Addressed to: Jordan Field
RE: L-000000-21-029
2485 E. Buckeye
Phoenix, AZ 85

APS-12

Public Libraries

RE: CEC Application drop-off confirmation

Jesse Caulfield
To: Eich, Stephen K

Retention Policy *Default 1 Year Delete* (1 year) Expires 8/25/2022

You forwarded this message on 9/1/2021 10:41 AM.

CAUTION
This e-mail is from an EXTERNAL address. Do not click on links or open attachments unless you trust the sender and know the content is safe. If you suspect this message is from an external address, please report it to the APS Cyber Defense Center at [Redacted].

Hi Stephen,
Yes, we did receive the binder and will have it available at the desk for you.

Thank you!
Jesse
Jesse Caulfield | Library Manager
Goodyear Library | 602-451-3501



RE: APS: CEC Application drop-off confirmation

Brenda Soto
To: Eich, Stephen K
Cc: Bridget Esqueda

Retention Policy *Default 1 Year Delete* (1 year) Expires 8/25/2022

You replied to this message on 9/20/2021 7:57 AM.

CAUTION
This e-mail is from an EXTERNAL address. Do not click on links or open attachments unless you trust the sender and know the content is safe. If you suspect this message to be phishing, please report it to the APS Cyber Defense Center at [Redacted].

Hello Stephen,
The binder was received and will be set out for public reference.

Thank you,
Brenda R. Soto
Library Programs Specialist | Sam Garcia Western Avenue Library
Neighborhood & Family Services | City of Avondale
495 E. Wilmem Ave, Avondale AZ, 85323
Direct Phone: 623-333-2617 | Email: [Redacted]
Library Modified Hours: M-TH 11am-6pm; Friday - Sunday 3pm-5pm




APS-10
190

Website Posting

Account Residential Business Savings Solar

Three Rivers 230kV



Project name: Three Rivers 230kV
Location: East Goodyear and west Avondale area

Project status: Construction

Public Hearing Information: The public hearing will be held regarding the Application of APS for a Certificate of Environmental Compatibility (CEC) addressing construction of the project. The hearing will be held on September 21, 2021 at 1:00 p.m. at the Hampton Inn & Suites located at 2000 North Litchfield Road, Goodyear, Arizona 85395, on October 4, 2021 at 1:00 p.m. and will continue on October 5, 2021 at 9:00 a.m. and additional days as needed.

Project location: Three Rivers 230kV Project Map

Project status: Construction

Project location: Three Rivers 230kV Project Map

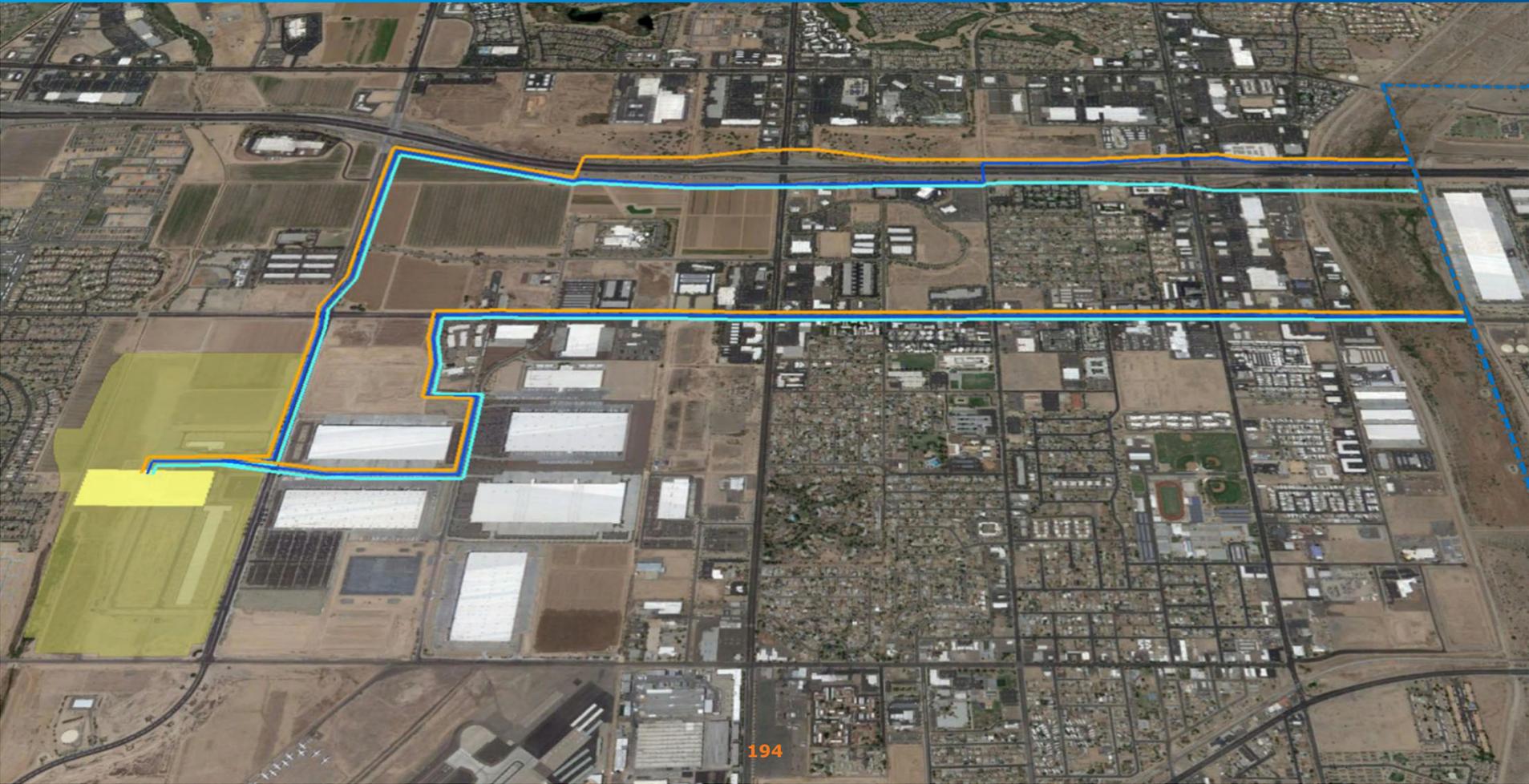
APS-11

Public and Stakeholder Involvement



Public Involvement

- Project Mailings
- Newspaper Ads
- Open Houses (In-Person and Virtual)
- Stakeholder Briefings
- Project Website
- Project Telephone Information Line
- Social Media
- Customer Emails



194

Public Involvement

➤ Project Mailings

- Each mailing sent to more than 30,000 customers
- Newsletters
 - February 3, 2020
 - June 29, 2020
 - June 25, 2021
- Postcard
 - September 15, 2021
- Additional Newsletter following ACC decision



aps
 1000 North Central Avenue
 Phoenix, AZ 85004
 (602) 426-3000
 www.aps.com
 NEW POWER LINE CONSTRUCTION
 TRANSMISSION

THREE RIVERS 230KV POWER LINE PROJECT
 July 2020

PROJECT FEATURES

WHAT
 To support a growth in our customers and businesses, we are upgrading our existing 230KV power lines, including overhead and underground.

WHY
 New overhead and underground lines are needed to support the growing power demand in the area.

WHERE
 The project is located in the Three Rivers area, near the intersection of Loop 101 and Loop 191.

PROJECT SCHEDULE

1. **2020** - Planning and design
 2. **2021** - Construction
 3. **2022** - Completion

THREE RIVERS 230KV POWER LINE PROJECT
 Public Information Virtual Open House
 Location: Virtual Open House
 Date: Wednesday, July 1, 2020
 Time: 10:00 AM - 5:00 PM
 Register: [Register Here](#)

aps
 1000 North Central Avenue
 Phoenix, AZ 85004
 (602) 426-3000
 www.aps.com
 NEW POWER LINE CONSTRUCTION
 TRANSMISSION

THREE RIVERS 230KV POWER LINE PROJECT
 July 2020

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1. **2020** - Planning and design
 2. **2021** - Construction
 3. **2022** - Completion

THREE RIVERS 230KV POWER LINE PROJECT
 Public Information Virtual Open House
 Location: Virtual Open House
 Date: Wednesday, July 1, 2020
 Time: 10:00 AM - 5:00 PM
 Register: [Register Here](#)

aps
 1000 North Central Avenue
 Phoenix, AZ 85004
 (602) 426-3000
 www.aps.com
 NEW POWER LINE CONSTRUCTION
 TRANSMISSION

THREE RIVERS 230KV POWER LINE PROJECT
 June 2020

PROJECT FEATURES

WHAT
 To support a growth in our customers and businesses, we are upgrading our existing 230KV power lines, including overhead and underground.

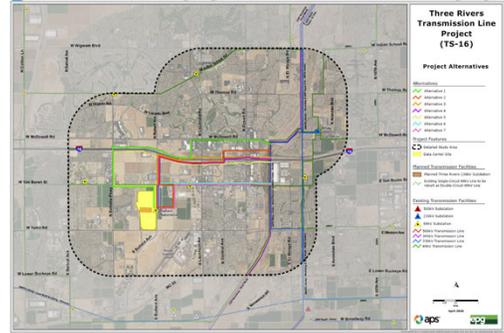
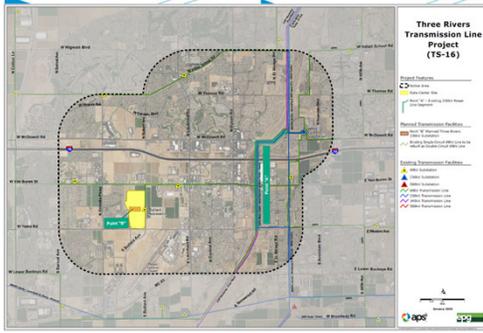
WHY
 New overhead and underground lines are needed to support the growing power demand in the area.

WHERE
 The project is located in the Three Rivers area, near the intersection of Loop 101 and Loop 191.

PROJECT SCHEDULE

1. **2020** - Planning and design
 2. **2021** - Construction
 3. **2022** - Completion

THREE RIVERS 230KV POWER LINE PROJECT
 Public Information Virtual Open House
 Location: Virtual Open House
 Date: Wednesday, July 1, 2020
 Time: 10:00 AM - 5:00 PM
 Register: [Register Here](#)



Upgrades to support state growth

Supporting the growth of our state

To meet the expanding energy needs of more people and businesses throughout the West Valley area, we are building and upgrading our system. Our plan includes building new power lines and infrastructure to help power safely to customers. More information on this project can be found on [aps.com/3rivers](#).

Please join our project team and attend the Three Rivers Power Plant and Transmission Line Siting Committee for a public hearing and provide your feedback on the project.

A public hearing will be held regarding the Arizona Certificate of Environmental Compatibility (CEC) authorizing construction of the project.

Hearing information:

- October 4, 2021, beginning at 100 a.m. Public comments will be taken beginning at 5:30 p.m. on this day.
- Telephone or Zoom: Visit [aps.com/3rivers](#) to access Zoom and telephone information.
- In person: Harrison Inn & Suites — 2000 N. Litchfield Road, Goodyear, Arizona 85395.

Please note, the hearing will continue through October 8, 2021, starting at 9:00 a.m. each day as necessary through the completion of the hearing.

More project information can be found at [aps.com/3rivers](#)

aps

Public Involvement

- Newspaper ads
 - West Valley View advertisements:
 - February 2020
 - July 2020
 - September 2021
 - AZ Republic advertisements:
 - February 2020
 - July 2020
 - September 2021

Public Involvement

➤ Open houses

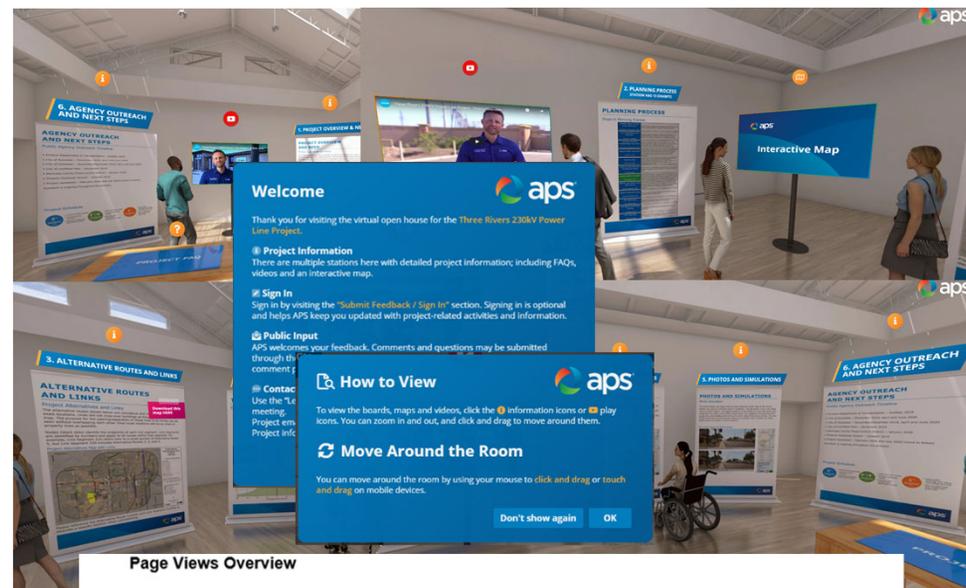
- February 19 & 20, 2020 in Avondale & Goodyear (in person)
 - 12 attendees
- July 1, 2020 (virtual/online only)
 - Approximately 1,500 unique page views
 - 17 filled out the questionnaire
 - 24 total comments were given through the Virtual Open House (VOH) format
 - www.threeriversopenhouse.com



February, 2020 (In Person)



July, 2020 (VOH)



Page Views Overview



Page Views	Unique Page Views	Avg. Time on Page	Bounce Rate	% Exit
5,552	1,513	00:00:54	1.37%	26.39%

200

Public Involvement

- Stakeholder Briefings
 - City of Goodyear
 - City of Avondale
 - City of Litchfield Park
 - Arizona Department of Transportation (ADOT)
 - Flood Control District of Maricopa County
 - Phoenix Goodyear Airport / FAA
- Formal letters and emails to request feedback from additional entities
- Additional outreach to businesses along certain developed areas of alternative routes



Stakeholder Briefings



Letters & Emails



February 15, 2021

Julie Arendall
City Manager
City of Goodyear
190 N. Litchfield Road
Goodyear, AZ 85338

Subject: Arizona
Three Rivers

Dear Julie Arendall,

Arizona Public Service
Compatibility (CEC)
Plant and Transmitter
230kV Transmitter
line and associated
between Van Buren
Substation, located
line along the Agua

APS and its consultants
to identify and evaluate
preferred route and
attached maps). AP
route.

Arizona Administrative
H addressing the
state, local government
route."

Your organization is
vicinity of the proposed
project, that information
in writing, specifically
or are known to you

To allow your information
to me by Tuesday, February
Avenue, Suite H-4, T

Sincerely,

Paul Trenter,
Regional Manager/Chief
Environmental Planner

cc: Stephen Eick
Enclosure

Environments

City of Goodyear
Office of the Mayor and Council

March 2, 2021

Arizona Corporation Commission
1200 W. Washington Street
Phoenix, AZ 85007

RE: Letter of Support
APS Three Rivers

From: Raul Amavisca <[redacted]>
Sent: Thursday, March 4, 2021 3:26 PM
To: Trenter, Paul <[redacted]>

The City of Goodyear
compatibility (CEC)
routes to connect
serve a new data
Road.

Mr. Trenter,
I appreciate the discussion and understand that

This project will significantly
economic opportunity. We understand there will be a need to cross and
Respectfully,

The City of Goodyear
support as a value

Sincerely,

Raul G. Amavisca, PE
Engineering Administrator
ADOT Central District
2140 W. Hilton Avenue, Mail Drop PM00
Phoenix, AZ 85009

602.206.2543 Cell
www.azdot.gov
ADOT
Infrastructure Delivery and Operations

190 North Litchfield Road, Goodyear, AZ 85338
P 602-862-7776 F 602-862-7091 TDD 602-932-6500

RE: APS Three Rivers CEC Application

Jordan D Feld <[redacted]>
To: Trenter, Paul
Cc: Eich, Stephen K; Allsop, Clayton;
O'Neil, Teresa; Bradley Hagen; Randy Payne

Retention Policy *Default 1 Year Delete* (1 yr) Expires 2/24/2022

*****CAUTION*****
This e-mail is from an EXTERNAL address. DO NOT click on links or open attachments unless you trust the sender and know the content is safe. If you suspect this message to be phishing, please report it to the APS Cyber Defense Center at ACDC@aps.com.

City of Phoenix appreciates the siting analysis inclusion of critical airport/FAA safety surface affecting the project area. City of Phoenix requests the APS project continue to consider and conform to FAA safety surfaces through the CEC application and thereafter.

Thank you
Jordan D. Feld, CM, AICP
Deputy Aviation Director - Planning & Environmental
City of Phoenix Aviation Department

Public Involvement

- Project Website
- Project Telephone Information line
- Customer Email
 - July 15, 2020
 - 20,477 recipients/3,582 unique opens/264 unique clicks
 - June 21, 2021
 - 28,555 recipients/11,941 unique opens/374 unique clicks
 - September 9, 2021:
 - 30,255 recipients/10,295 unique opens/629 unique clicks



Public Involvement

- Social Media
 - Facebook & Instagram posts
 - July 15, 2020
 - 77,088 people reached/89 taking action
 - September 15, 2021
 - 40,914 people reached/34 taking action
 - Additional postings by APS staff and city representatives
- Approximately 50 comments received in-person, by email, phone, and virtual open house



APS: Facebook & Instagram

Other: Facebook, Twitter, and Linked-In

This collage features several social media posts from APS. At the top left is a Facebook post from 'Arizona Public Service - APS' with the text: 'The ever-expanding growth in the West Valley means more jobs and businesses coming to your area. In order to provide... See More'. Below it is an Instagram post from 'apsfyi' with the text: 'The ever-expanding growth in the West Valley means more jobs and businesses coming to you... more'. To the right is another Facebook post from 'Arizona Public Service - APS' with the text: 'To meet the expanding energy needs throughout your area, we are building and upgrading our system. Please join our project team and the Arizona Power Plant and Transmission Line Siting Committee for a hearing on the latest project in your area. Hearing information: • October 4, 2021, beginning at 1:00 p.m. Public comments will be taken beginning at 5:30 p.m. • Telephone or zoom: Visit aps.com/threerivers to access zoom and telephone information. • In person: Hampton Inn & Suites - 2000 N Litchfield Road, Goodyear, Arizona 85395.'

This collage shows social media posts from various other organizations. It includes a Facebook post from 'City of Avondale, AZ Government' about the 'Three Rivers 230kV Power Line Project' with a QR code. A tweet from 'Kendra @APS_Kendral' says: 'Southwest Valley AZ - please take a few minutes to check out @apsFYI's virtual public open house on our proposed 230kV power line project. Clean, reliable, and affordable. @AZAvondale'. Another tweet from 'Jessica Perry @aps_iless' says: 'Don't miss out on the opportunity to provide feedback at @apsFYI's virtual public open house for the proposed 230kV power line project in the @GoodyearAZGov & @AZAvondale areas. Yes, I said it's virtual! No shoes, no shirt, no problem 😊'. There are also screenshots of Facebook groups like 'Goodyear Area Realty Real Ladies Group' and 'Avondale City News'.

CONCLUSIONS



208

**Application for a Certificate of Environmental Compatibility
Case No. 193**

**Three Rivers 230kV Transmission
Line Project**

Prepared for
Arizona Power Plant and Transmission Line Siting Committee





210

Three Rivers Transmission Line Project

Preferred Route Corridor

Project Features

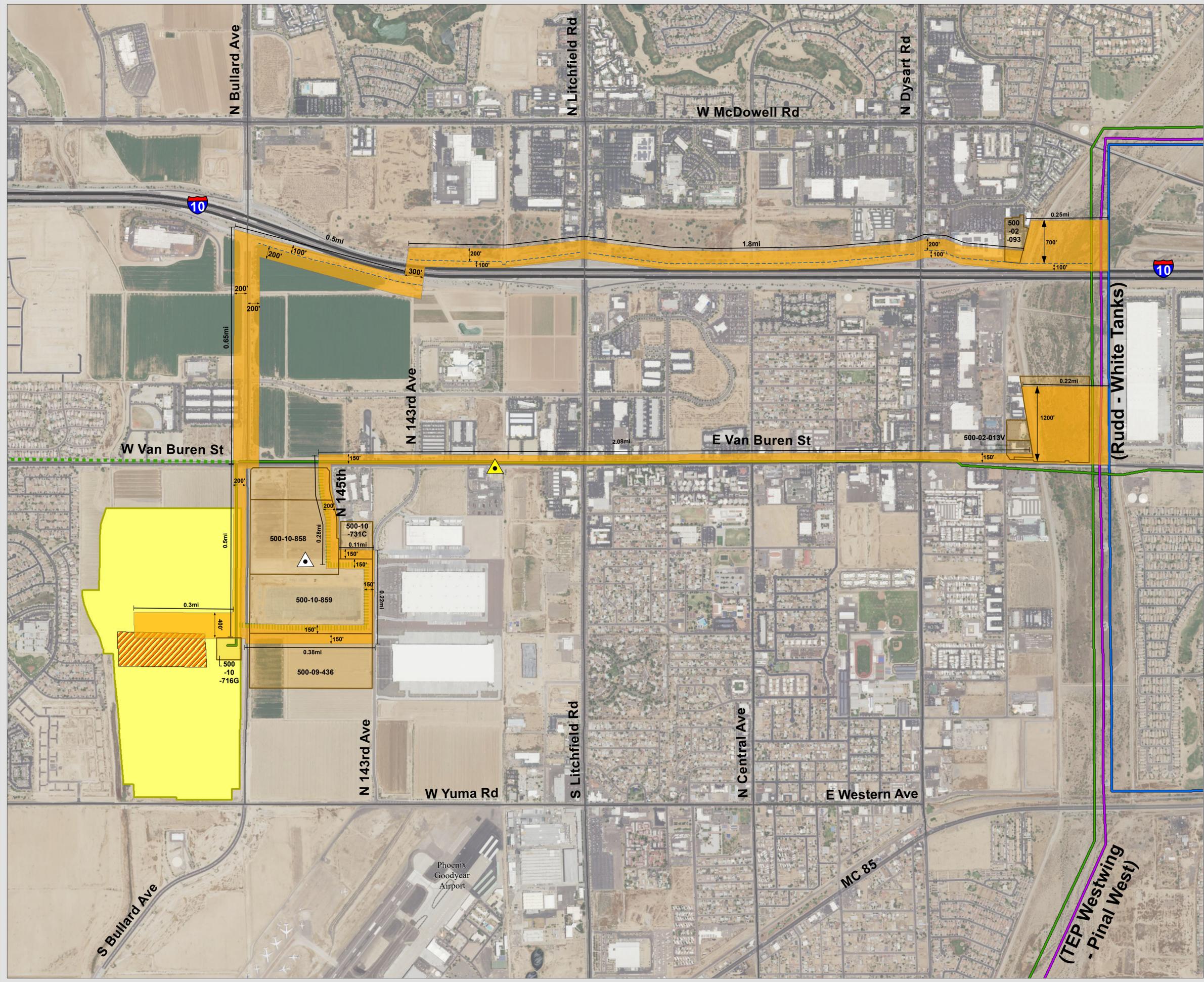
- Parcel Boundary
- Proposed CEC Corridor
- Three Rivers (TS16) Substation
- Compass Datacenter Site
- I-10 Access Control Line

Planned Transmission Facilities

- 69kV Substation
- 69kV Line
- Existing Single-Circuit 69kV Line to be rebuilt as Double-Circuit 69kV Line

Existing Transmission Facilities

- 69kV Substation
- 345kV Transmission Line
- 230kV Transmission Line
- 69kV Transmission Line



Rudd - White Tanks

(TEP Westwing - Pinal West)



September 2021

Preferred Route Corridor

The corridor begins at the Rudd to White Tanks transmission line with an 800-foot-wide corridor, including 700 feet to the north and 100 feet to the south of the northern access control line of I-10, then heads west along said access control line across the Agua Fria River, approximately 0.25 miles to the east boundary line of parcel 500-02-093.

The corridor then narrows to 300 feet wide, including 200 feet to the north and 100 feet to the south of said access control line, continuing west approximately 1.8 miles to the 143rd Avenue alignment.

The corridor then heads south approximately 0.1 miles as it crosses the I-10 and remains 300 feet wide. At this point the corridor proceeds west, including 200 feet to the south and 100 feet to the north of the access control line of I-10, approximately 0.5 miles to Bullard Avenue.

At this point the corridor widens to 400 feet, including 200 feet on each side of the centerline of Bullard Avenue, and proceeds south approximately 0.65 miles to Van Buren Street.

South of Van Buren Street, the corridor narrows to 200 feet wide with its eastern boundary coincident with the centerline of Bullard Avenue as it continues south for approximately 0.5 miles to the northern property line of APS's Bullard Substation, parcel 500-10-716G.

From this point, the corridor widens to 400 feet, with its southern boundary coincident with the northern property line of APS's Bullard Substation, parcel 500-10-716G, and heads west for approximately 0.3 miles.

At Bullard Avenue, the corridor is 300 feet wide as it heads east, including the south 150 feet of parcel 500-10-859 and the north 150 feet of parcel 500-09-436, approximately 0.38 miles to 143rd Avenue.

The corridor then narrows to 150 feet wide with its eastern boundary coincident with the centerline of 143rd Avenue as it proceeds north approximately 0.22 miles.

The corridor then widens to 300 feet, including the south 150 feet of parcel 500-10-731C and the north 150 feet of parcel 500-10-859, approximately 0.11 miles to the east boundary line of parcel 500-10-858.

At this point, the corridor narrows to 200 feet wide with its eastern boundary coincident with the centerline of 145th Avenue and proceeds north approximately 0.28 miles to Van Buren Street.

The corridor then narrows to 150 feet wide, with its southern boundary coincident with the centerline of Van Buren Street, and heads east approximately 2.08 miles to the east boundary line of parcel 500-02-013V.

The corridor then widens to 1,200 feet, with its southern boundary coincident with the centerline of Van Buren Street as it continues east, across the Agua Fria River, approximately 0.22 miles to the existing APS Rudd to White Tanks transmission line.

THE ARIZONA REPUBLIC ^{APS-9}

PO Box 194, Phoenix, Arizona 85001-0194
Phone 1-602-444-7315 Fax 1-877-943-0443

STATE OF WISCONSIN }
COUNTY OF BROWN } SS.

AFFIDAVIT OF PUBLICATION

APS-CORPORATE C/O LAVIDGE
2777 E CAMELBACK RD. STE 300
PHOENIX, AZ 85016

I, being first duly sworn, upon oath deposes and says: That I am the legal clerk of the Arizona Republic, a newspaper of general circulation in the counties of Maricopa, Coconino, Pima and Pinal, in the State of Arizona, published weekly at Phoenix, Arizona, and that the copy hereto attached is a true copy of the advertisement published in the said paper on the dates indicated.

Publication: Arizona Republic Zone 5

Ad number: GCI0718621

PO Field: Notice of Hearing

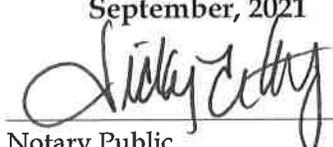
Published Date(s):

09/01/2021, 09/03/2021,
09/08/2021, 09/10/2021



Sworn to before me this

10th day of
September, 2021



Notary Public

My Commission Expires on 9/19/21

VICKY FELTY
Notary Public
State of Wisconsin

**BEFORE THE ARIZONA POWER PLANT
AND TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY, IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES 40-360, ET SEQ., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY FOR THE THREE RIVERS 230 KILOVOLT TRANSMISSION LINE PROJECT, WHICH AUTHORIZES THE CONSTRUCTION OF TWO NEW SINGLE CIRCUIT 230 KV TRANSMISSION LINES WITH THE INTERCONNECTIONS ORIGINATING AT THE EXISTING APS RUDD-WHITE TANKS 230 KV TRANSMISSION LINE AND THE LINES PROCEEDING WEST AND CONTINUING SOUTH TERMINATING AT THE TS16 SUBSTATION, SOUTH HALF OF THE NE QUARTER OF SECTION 8 OF TOWNSHIP 1 NORTH, RANGE 1 WEST AND NORTH HALF OF THE SE QUARTER OF SECTION 8, LOCATED IN GOODYEAR, MARICOPA COUNTY, ARIZONA

DOCKET NO. L-00000D-21-0292-00193

Case No. 193

NOTICE OF HEARING

A PUBLIC HEARING WILL BE HELD before the Arizona Power Plant and Transmission Line Siting Committee (Committee) regarding the Application of Arizona Public Service Company (APS or Applicant) for a Certificate of Environmental Compatibility (CEC) authorizing construction of the Three Rivers 230kV Transmission Line Project (the Project) (the Application). The Project consists of two new single circuit 230kV transmission lines. A map of the Project is attached as Exhibit A.

The hearing will be held at Hampton Inn & Suites, 2000 N. Litchfield Rd., Goodyear, Arizona 85395. The hearing will begin on October 4, 2021, at 1:00 p.m. and will continue as necessary on October 5 through October 8 commencing at 9:00 a.m. each day as necessary through the completion of the hearing. If any revisions to the hearing schedule are required, they will be noticed on the Project website at www.aps.com/threerivers, and on the Arizona Corporation Commission (Commission) website at: <https://www.azcc.gov/arizona-power-plant/meeting-schedule>.

PUBLIC COMMENT WILL BE TAKEN IN A SPECIAL EVENING SESSION ON OCTOBER 4, 2021, AT 5:30 P.M., VIA TELEPHONE, ZOOM, OR IN PERSON AT HAMPTON INN & SUITES, 2000 N. LITCHFIELD RD., GOODYEAR, ARIZONA 85395. PUBLIC COMMENT MAY ALSO BE TAKEN AT OTHER TIMES DURING THE HEARING AT THE DISCRETION OF THE COMMITTEE CHAIRMAN.

PLEASE BE ADVISED THAT ALL LOCAL AND STATE PUBLIC HEALTH AND SAFETY GUIDELINES REGARDING COVID-19 WILL BE FOLLOWED DURING THE HEARING AND PUBLIC COMMENT SESSION. FURTHER RESTRICTIONS ON PUBLIC ACCESS, ADDITIONAL SAFETY PROTOCOLS, AND REVISIONS TO THE HEARING SCHEDULE MAY OCCUR DUE TO PUBLIC HEALTH CONSIDERATIONS.

THE PUBLIC IS STRONGLY ENCOURAGED TO PARTICIPATE BY EITHER WATCHING THE HEARING ONLINE OR LISTENING TO THE HEARING VIA TELEPHONE, RATHER THAN ATTENDING IN PERSON.

At least 24 hours in advance of the hearing, information regarding online and telephone hearing access, as well as any additional details regarding COVID-19 safety protocols or other revisions to the hearing schedule will be noticed on the Project website at www.aps.com/threerivers. The Chairman may, at his discretion, recess the hearing to a time and place to be announced during the hearing, or to be determined after the recess. The date, time and place at which the hearing will be resumed will be posted on the above-noted Three Rivers 230kV Transmission Line Project website and the ACC website.

NOTE: NOTICE OF ANY SUCH RESUMED HEARING WILL BE GIVEN; HOWEVER, PUBLISHED NOTICE OF SUCH A RESUMED HEARING IS NOT REQUIRED.

The Committee may conduct a tour of the Project area. The map and itinerary of any such tour will be available at the hearing and posted on the Project website at www.aps.com/threerivers and the ACC website at: <https://www.azcc.gov/arizona-power-plant/meeting-schedule>. Members of the public may follow the Committee on the tour in their own private vehicles. During the tour, the Committee may hear brief testimony at stops on the tour from one or more witnesses concerning where the stops are located, what is visible at the stops, and the relevance of the location and view to the facilities in the Application. No other discussion or deliberation concerning the Application will occur during the tour. A court reporter or recording device will record any testimony taken on the tour for transcription.

Copies of each Application contained detailed maps of the Project sites, detailed information about the proposed facilities, and prehearing and hearing transcripts will be available for inspection at the following locations:

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- Sam Garcia Western Avenue Library, 495 E. Western Ave., Avondale, AZ 85323
- The Project Website: www.aps.com/threerivers.

NOTICE OF HEARING

Each county, municipal government, and state agency interested in the Project that desires to be a party to the proceedings shall, not less than ten (10) days before October 4, 2021, file a Notice of Intent to Become a Party with the Director of Utilities, Arizona Corporation Commission, 1200 West Washington Street, Phoenix, Arizona 85007.

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ORDERED this 25th day of August 2021.

/s/ 

Thomas K. Chenal, Chairman
Arizona Power Plant and Transmission Line Siting Committee
Assistant Attorney General

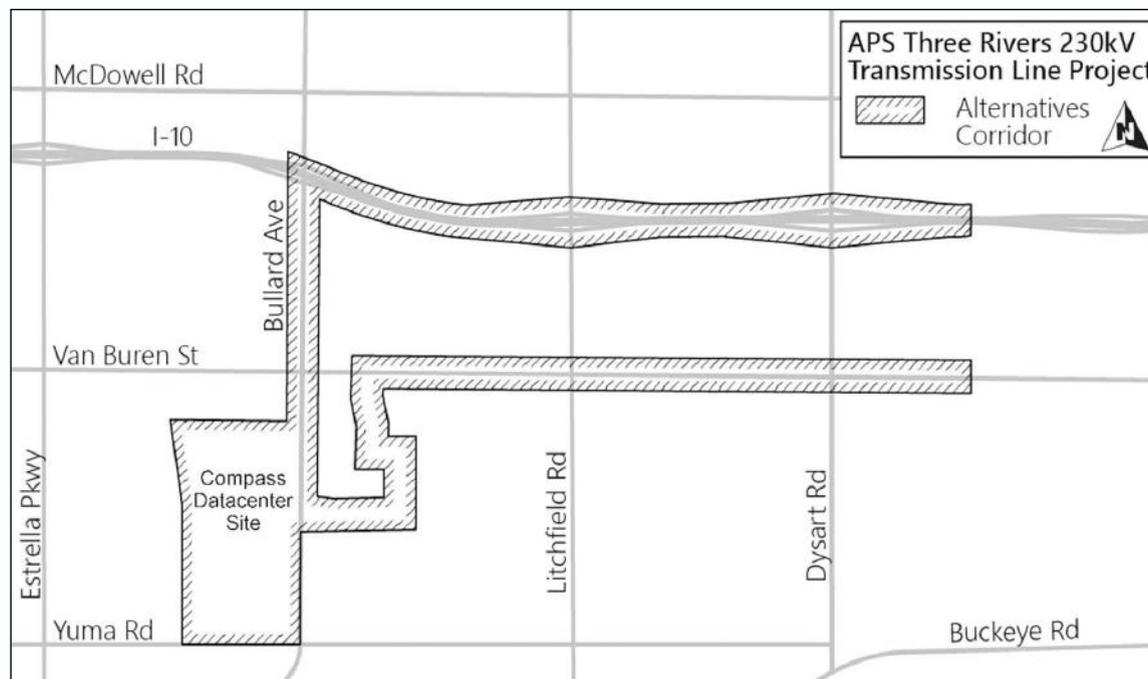


Exhibit A

**BEFORE THE ARIZONA POWER PLANT
AND TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY, IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES 40-360, ET SEQ., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY FOR THE THREE RIVERS 230 KILOVOLT TRANSMISSION LINE PROJECT, WHICH AUTHORIZES THE CONSTRUCTION OF TWO NEW SINGLE CIRCUIT 230 KV TRANSMISSION LINES WITH THE INTERCONNECTIONS ORIGINATING AT THE EXISTING APS RUDD-WHITE TANKS 230 KV TRANSMISSION LINE AND THE LINES PROCEEDING WEST AND CONTINUING SOUTH TERMINATING AT THE TS16 SUBSTATION, SOUTH HALF OF THE NE QUARTER OF SECTION 8 OF TOWNSHIP 1 NORTH, RANGE 1 WEST AND NORTH HALF OF THE SE QUARTER OF SECTION 8, LOCATED IN GOODYEAR, MARICOPA COUNTY, ARIZONA

DOCKET NO. L-00000D-21-0292-00193

Case No. 193

NOTICE OF HEARING

A PUBLIC HEARING WILL BE HELD before the Arizona Power Plant and Transmission Line Siting Committee (Committee) regarding the Application of Arizona Public Service Company (APS or Applicant) for a Certificate of Environmental Compatibility (CEC) authorizing construction of the Three Rivers 230kV Transmission Line Project (the Project) (the Application). The Project consists of two new single circuit 230kV transmission lines. A map of the Project is attached as Exhibit A.

The hearing will be held at Hampton Inn & Suites, 2000 N. Litchfield Rd., Goodyear, Arizona 85395. The hearing will begin on October 4, 2021, at 1:00 p.m. and will continue as necessary on October 5 through October 8 commencing at 9:00 a.m. each day as necessary through the completion of the hearing. If any revisions to the hearing schedule are required, they will be noticed on the Project website at www.aps.com/threerivers, and on the Arizona Corporation Commission (Commission) website at: <https://www.azcc.gov/arizona-power-plant/meeting-schedule>.

PUBLIC COMMENT WILL BE TAKEN IN A SPECIAL EVENING SESSION ON OCTOBER 4, 2021, AT 5:30 P.M., VIA TELEPHONE, ZOOM, OR IN PERSON AT HAMPTON INN & SUITES, 2000 N. LITCHFIELD RD., GOODYEAR, ARIZONA 85395. PUBLIC COMMENT MAY ALSO BE TAKEN AT OTHER TIMES DURING THE HEARING AT THE DISCRETION OF THE COMMITTEE CHAIRMAN.

PLEASE BE ADVISED THAT ALL LOCAL AND STATE PUBLIC HEALTH AND SAFETY GUIDELINES REGARDING COVID-19 WILL BE FOLLOWED DURING THE HEARING AND PUBLIC COMMENT SESSION. FURTHER RESTRICTIONS ON PUBLIC ACCESS, ADDITIONAL SAFETY PROTOCOLS, AND REVISIONS TO THE HEARING SCHEDULE MAY OCCUR DUE TO PUBLIC HEALTH CONSIDERATIONS.

THE PUBLIC IS STRONGLY ENCOURAGED TO PARTICIPATE BY EITHER WATCHING THE HEARING ONLINE OR LISTENING TO THE HEARING VIA TELEPHONE, RATHER THAN ATTENDING IN PERSON.

At least 24 hours in advance of the hearing, information regarding online and telephone hearing access, as well as any additional details regarding COVID-19 safety protocols or other revisions to the hearing schedule will be noticed on the Project website at www.aps.com/threerivers. The Chairman may, at his discretion, recess the hearing to a time and place to be announced during the hearing, or to be determined after the recess. The date, time and place at which the hearing will be resumed will be posted on the above-noted Three Rivers 230kV Transmission Line Project website and the ACC website.

NOTE: NOTICE OF ANY SUCH RESUMED HEARING WILL BE GIVEN; HOWEVER, PUBLISHED NOTICE OF SUCH A RESUMED HEARING IS NOT REQUIRED.

The Committee may conduct a tour of the Project area. The map and itinerary of any such tour will be available at the hearing and posted on the Project website at www.aps.com/threerivers and the ACC website at: <https://www.azcc.gov/arizona-power-plant/meeting-schedule>. Members of the public may follow the Committee on the tour in their own private vehicles. During the tour, the Committee may hear brief testimony at stops on the tour from one or more witnesses concerning where the stops are located, what is visible at the stops, and the relevance of the location and view to the facilities in the Application. No other discussion or deliberation concerning the Application will occur during the tour. A court reporter or recording device will record any testimony taken on the tour for transcription.

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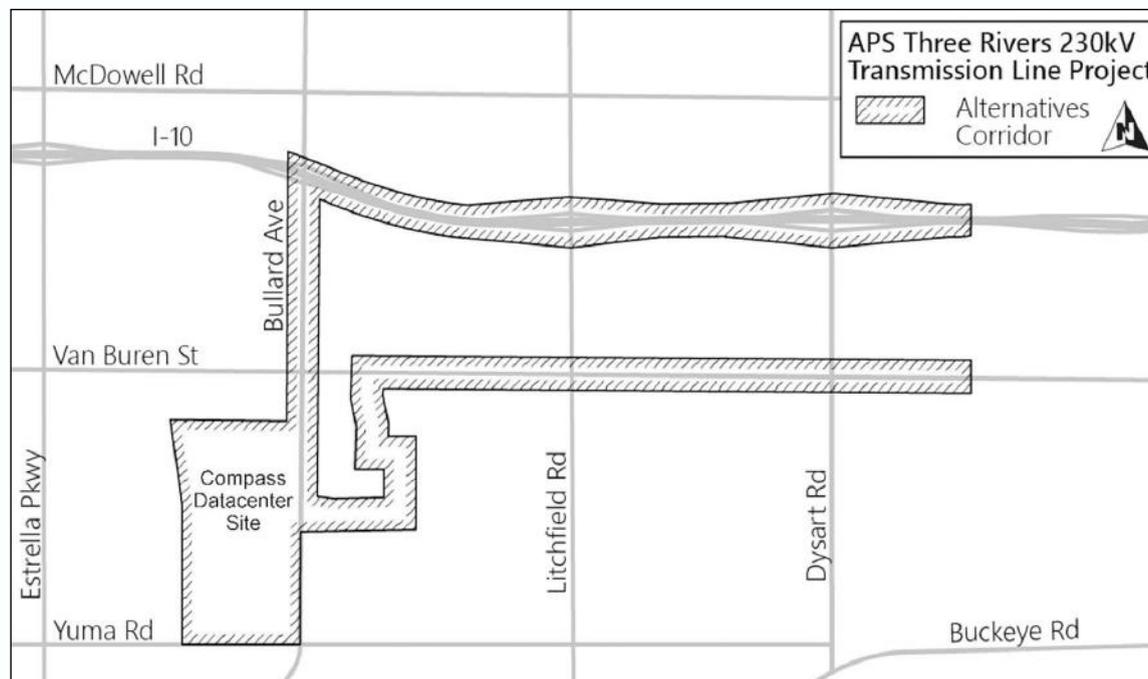


Exhibit A

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AND TRANSMISSION LINE SITING COMMITTEE**

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DOCKET NO. L-00000D-21-0292-00193

Case No. 193

NOTICE OF HEARING

A PUBLIC HEARING WILL BE HELD before the Arizona Power Plant and Transmission Line Siting Committee (Committee) regarding the Application of Arizona Public Service Company (APS or Applicant) for a Certificate of Environmental Compatibility (CEC) authorizing construction of the Three Rivers 230kV Transmission Line Project (the Project) (the Application). The Project consists of two new single circuit 230kV transmission lines. A map of the Project is attached as Exhibit A.

The hearing will be held at Hampton Inn & Suites, 2000 N. Litchfield Rd., Goodyear, Arizona 85395. The hearing will begin on October 4, 2021, at 1:00 p.m. and will continue as necessary on October 5 through October 8 commencing at 9:00 a.m. each day as necessary through the completion of the hearing. If any revisions to the hearing schedule are required, they will be noticed on the Project website at www.aps.com/threerivers, and on the Arizona Corporation Commission (Commission) website at: <https://www.azcc.gov/arizona-power-plant/meeting-schedule>.

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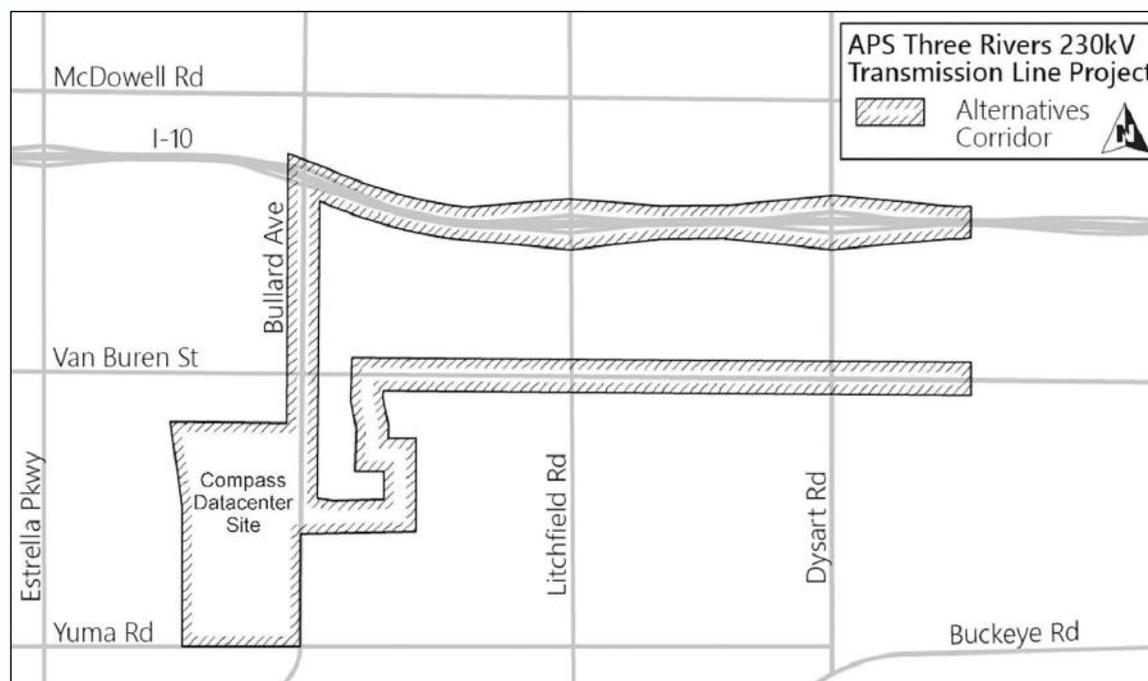


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DOCKET NO. L-00000D-21-0292-00193

Case No. 193

NOTICE OF HEARING

A PUBLIC HEARING WILL BE HELD before the Arizona Power Plant and Transmission Line Siting Committee (Committee) regarding the Application of Arizona Public Service Company (APS or Applicant) for a Certificate of Environmental Compatibility (CEC) authorizing construction of the Three Rivers 230kV Transmission Line Project (the Project) (the Application). The Project consists of two new single circuit 230kV transmission lines. A map of the Project is attached as Exhibit A.

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Assistant Attorney General

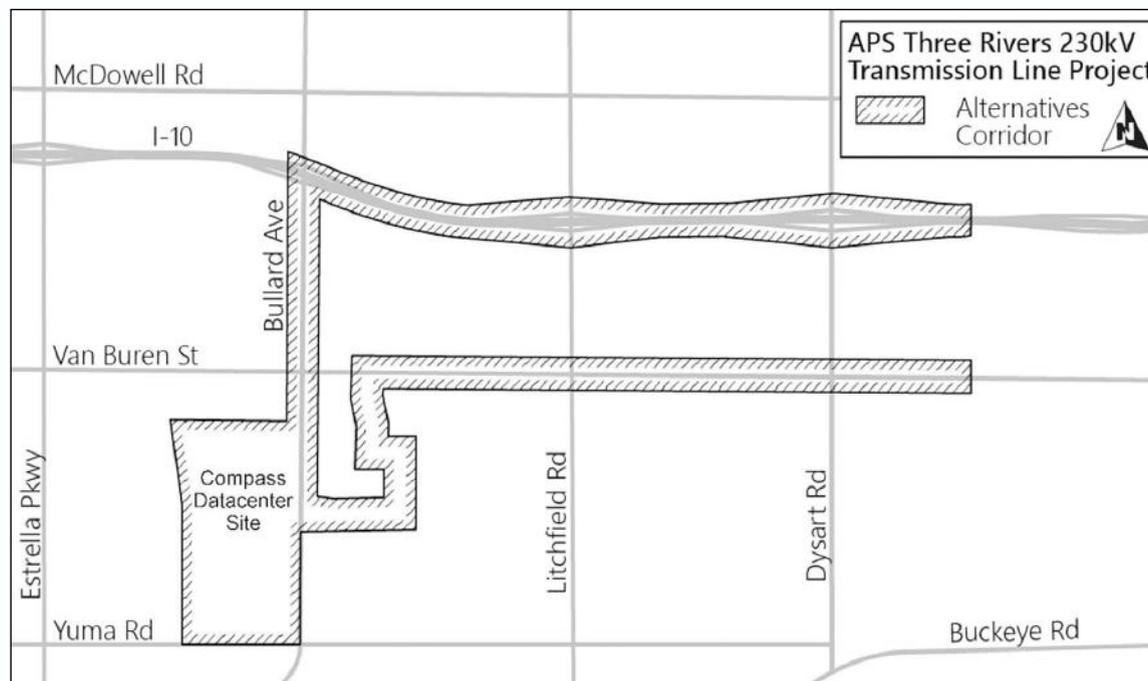


Exhibit A

AFFIDAVIT OF DISTRIBUTION

STATE OF (Arizona)

COUNTY OF (Maricopa)

CITY OF (Phoenix)

I, Claudine Sowards, being duly sworn on oath now and during all times herein stated, have been the publisher and/pr the designated agent of the publication known as, (West Valley View - All Zones) ("Publication")

And have full knowledge of the facts herein states as follows:

The ad for APS ("Ad/Advertiser") was distributed to the Publication's full circulation on the 1st day of September, 2021.

By: *C. Sowards*

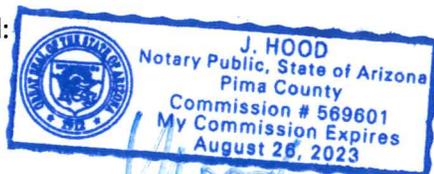
Printed Name: Claudine Sowards

Title: Executive Assistant

Subscribed and sworn to before me

This 15th day of September, 2021.

Notary Seal:



Notary Public: *J. Hood*

**BEFORE THE ARIZONA POWER PLANT
AND TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY, IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES 40-360, ET SEQ., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY FOR THE THREE RIVERS 230 KILOVOLT TRANSMISSION LINE PROJECT, WHICH AUTHORIZES THE CONSTRUCTION OF TWO NEW SINGLE CIRCUIT 230 KV TRANSMISSION LINES WITH THE INTERCONNECTIONS ORIGINATING AT THE EXISTING APS RUDD-WHITE TANKS 230 KV TRANSMISSION LINE AND THE LINES PROCEEDING WEST AND CONTINUING SOUTH TERMINATING AT THE TS16 SUBSTATION, SOUTH HALF OF THE NE QUARTER OF SECTION 8 OF TOWNSHIP 1 NORTH, RANGE 1 WEST AND NORTH HALF OF THE SE QUARTER OF SECTION 8, LOCATED IN GOODYEAR, MARICOPA COUNTY, ARIZONA

DOCKET NO. L-00000D-21-0292-00193

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Any domestic non-profit corporation or association formed in whole or in part to promote conservation or natural beauty; to protect the environment, personal health or other biological values; to preserve historical sites; to promote consumer interests; to represent commercial and industrial groups; or to promote the orderly development of the area in which the Project are located that desires to become a party to the proceedings shall, not less than ten (10) days before October 4, 2021, file a Notice of Intent to Become a Party with the Director of Utilities, Arizona Corporation Commission, 1200 West Washington Street, Phoenix, AZ 85007.

The Committee or the Chairman, at any time deemed appropriate, may make other persons parties to the proceedings. Any person may make a limited appearance at a hearing by filing a statement in writing with the Director of Utilities, Arizona Corporation Commission, 1200 West Washington Street, Phoenix, AZ 85007, not less than five (5) days before October 4, 2021. A person making a limited appearance will not be a party or have the right to present testimony or cross-examine witnesses.

This proceeding is governed by Arizona Revised Statutes (A.R.S.) §§ 40-360 to 40-360.13 and Arizona Administrative Code Rules R14-3-201 to R14-3-220. Substantive communication not in the public record may not be made to any member of the Committee. The written decision of the Committee will be submitted to the Commission pursuant to A.R.S. §40-360.07. Any person intending to be a party to the proceeding on the matter before the Commission must be a party to the proceeding before the Committee.

ORDERED this 25th day of August 2021.

/s/ 

Thomas K. Chenal, Chairman
Arizona Power Plant and Transmission Line Siting Committee
Assistant Attorney General

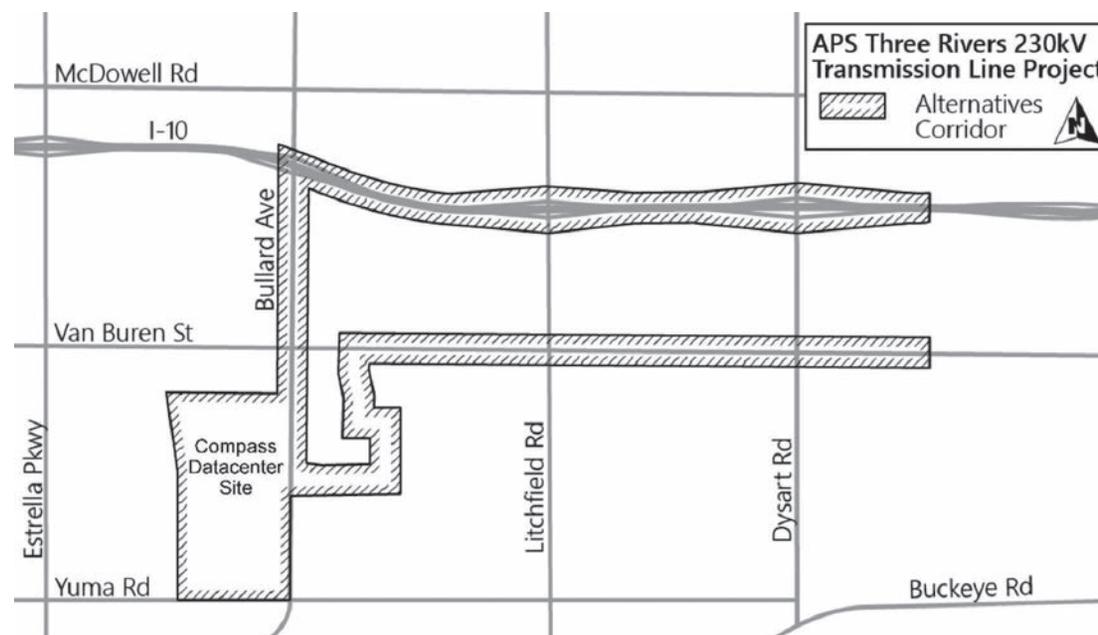


Exhibit A

AFFIDAVIT OF DISTRIBUTION

STATE OF (Arizona)

COUNTY OF (Maricopa)

CITY OF (Phoenix)

I, Claudine Sowards, being duly sworn on oath now and during all times herein stated, have been the publisher and/pr the designated agent of the publication known as, (West Valley View - All Zones) ("Publication")

And have full knowledge of the facts herein states as follows:

The ad for APS ("Ad/Advertiser") was distributed to the Publication's full circulation on the 8th day of September, 2021.

By: *C. Sowards*

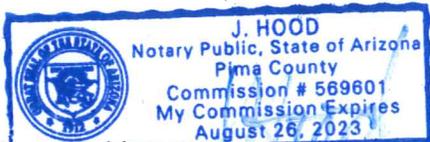
Printed Name: Claudine Sowards

Title: Executive Assistant

Subscribed and sworn to before me

This 15th day of September, 2021.

Notary Seal:



Notary Public. *J. Hood*

**BEFORE THE ARIZONA POWER PLANT
AND TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY, IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES 40-360, ET SEQ., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY FOR THE THREE RIVERS 230 KILOVOLT TRANSMISSION LINE PROJECT, WHICH AUTHORIZES THE CONSTRUCTION OF TWO NEW SINGLE CIRCUIT 230 KV TRANSMISSION LINES WITH THE INTERCONNECTIONS ORIGINATING AT THE EXISTING APS RUDD-WHITE TANKS 230 KV TRANSMISSION LINE AND THE LINES PROCEEDING WEST AND CONTINUING SOUTH TERMINATING AT THE TS16 SUBSTATION, SOUTH HALF OF THE NE QUARTER OF SECTION 8 OF TOWNSHIP 1 NORTH, RANGE 1 WEST AND NORTH HALF OF THE SE QUARTER OF SECTION 8, LOCATED IN GOODYEAR, MARICOPA COUNTY, ARIZONA

DOCKET NO. L-00000D-21-0292-00193

Case No. 193

NOTICE OF HEARING

A PUBLIC HEARING WILL BE HELD before the Arizona Power Plant and Transmission Line Siting Committee (Committee) regarding the Application of Arizona Public Service Company (APS or Applicant) for a Certificate of Environmental Compatibility (CEC) authorizing construction of the Three Rivers 230kV Transmission Line Project (the Project) (the Application). The Project consists of two new single circuit 230kV transmission lines. A map of the Project is attached as Exhibit A.

The hearing will be held at Hampton Inn & Suites, 2000 N. Litchfield Rd., Goodyear, Arizona 85395. The hearing will begin on October 4, 2021, at 1:00 p.m. and will continue as necessary on October 5 through October 8 commencing at 9:00 a.m. each day as necessary through the completion of the hearing. If any revisions to the hearing schedule are required, they will be noticed on the Project website at www.aps.com/threerivers, and on the Arizona Corporation Commission (Commission) website at: <https://www.azcc.gov/arizona-power-plant/meeting-schedule>.

PUBLIC COMMENT WILL BE TAKEN IN A SPECIAL EVENING SESSION ON OCTOBER 4, 2021, AT 5:30 P.M., VIA TELEPHONE, ZOOM, OR IN PERSON AT HAMPTON INN & SUITES, 2000 N. LITCHFIELD RD., GOODYEAR, ARIZONA 85395. PUBLIC COMMENT MAY ALSO BE TAKEN AT OTHER TIMES DURING THE HEARING AT THE DISCRETION OF THE COMMITTEE CHAIRMAN.

PLEASE BE ADVISED THAT ALL LOCAL AND STATE PUBLIC HEALTH AND SAFETY GUIDELINES REGARDING COVID-19 WILL BE FOLLOWED DURING THE HEARING AND PUBLIC COMMENT SESSION. FURTHER RESTRICTIONS ON PUBLIC ACCESS, ADDITIONAL SAFETY PROTOCOLS, AND REVISIONS TO THE HEARING SCHEDULE MAY OCCUR DUE TO PUBLIC HEALTH CONSIDERATIONS.

THE PUBLIC IS STRONGLY ENCOURAGED TO PARTICIPATE BY EITHER WATCHING THE HEARING ONLINE OR LISTENING TO THE HEARING VIA TELEPHONE, RATHER THAN ATTENDING IN PERSON.

At least 24 hours in advance of the hearing, information regarding online and telephone hearing access, as well as any additional details regarding COVID-19 safety protocols or other revisions to the hearing schedule will be noticed on the Project website at www.aps.com/threerivers. The Chairman may, at his discretion, recess the hearing to a time and place to be announced during the hearing, or to be determined after the recess. The date, time and place at which the hearing will be resumed will be posted on the above-noted Three Rivers 230kV Transmission Line Project website and the ACC website.

NOTE: NOTICE OF ANY SUCH RESUMED HEARING WILL BE GIVEN; HOWEVER, PUBLISHED NOTICE OF SUCH A RESUMED HEARING IS NOT REQUIRED.

The Committee may conduct a tour of the Project area. The map and itinerary of any such tour will be available at the hearing and posted on the Project website at www.aps.com/threerivers and the ACC website at: <https://www.azcc.gov/arizona-power-plant/meeting-schedule>. Members of the public may follow the Committee on the tour in their own private vehicles. During the tour, the Committee may hear brief testimony at stops on the tour from one or more witnesses concerning where the stops are located, what is visible at the stops, and the relevance of the location and view to the facilities in the Application. No other discussion or deliberation concerning the Application will occur during the tour. A court reporter or recording device will record any testimony taken on the tour for transcription.

Copies of each Application contained detailed maps of the Project sites, detailed information about the proposed facilities, and prehearing and hearing transcripts will be available for inspection at the following locations:

- Arizona Corporation Commission Docket Control Center, Phoenix, Office, 1200 West Washington Street, Suite 108, Phoenix, AZ 85007
- City of Goodyear Library, 14455 W. Van Buren St., E101, Goodyear, AZ 85338
- Sam Garcia Western Avenue Library, 495 E. Western Ave., Avondale, AZ 85323
- The Project Website: www.aps.com/threerivers.

NOTICE OF HEARING

Each county, municipal government, and state agency interested in the Project that desires to be a party to the proceedings shall, not less than ten (10) days before October 4, 2021, file a Notice of Intent to Become a Party with the Director of Utilities, Arizona Corporation Commission, 1200 West Washington Street, Phoenix, Arizona 85007.

Any domestic non-profit corporation or association formed in whole or in part to promote conservation or natural beauty; to protect the environment, personal health or other biological values; to preserve historical sites; to promote consumer interests; to represent commercial and industrial groups; or to promote the orderly development of the area in which the Project are located that desires to become a party to the proceedings shall, not less than ten (10) days before October 4, 2021, file a Notice of Intent to Become a Party with the Director of Utilities, Arizona Corporation Commission, 1200 West Washington Street, Phoenix, AZ 85007.

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ORDERED this 25th day of August 2021.

/s/ 

Thomas K. Chenal, Chairman
Arizona Power Plant and Transmission Line Siting Committee
Assistant Attorney General

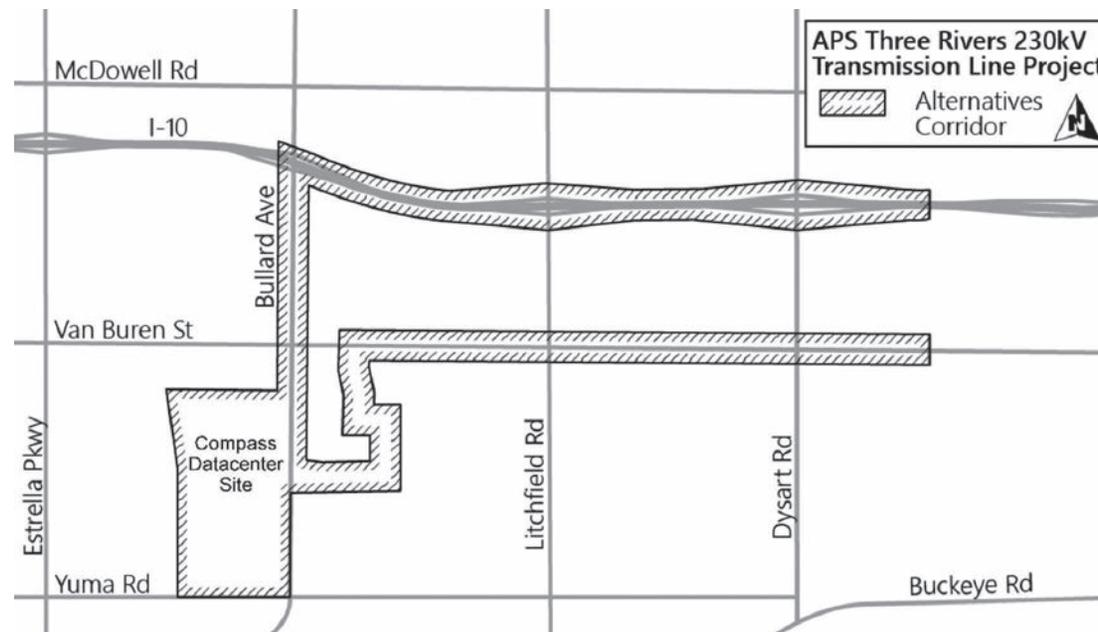


Exhibit A

File Message Help Acrobat Tell me what you want to do

Navigation icons: trash, print, download, share, share to teams, find, etc.

RE: CEC Application drop-off confirmation

Jesse Caufield [redacted]
To: Eich, Stephen K

Reply icons and date: 8/25/2021

Retention Policy *Default 1 Year Delete* (1 year) Expires 8/25/2022

You forwarded this message on 9/1/2021 10:41 AM.

CAUTION This e-mail is from an EXTERNAL address [redacted] DO NOT click on links or open attachments unless you trust the sender and know the content is safe. If you suspect this message to be phishing, please report it to the APS Cyber Defense Center at [redacted]

Hi Stephen

Yes, we did receive the binder and will have it available at the desk for anyone asking to view the document.

Thank you!
Jesse



Jesse Caufield | Library Manager
Goodyear Library | 602-651-3501

From: Stephen Eich [redacted]
Sent: Wednesday, August 25, 2021 1:35 PM
To: Jesse Caufield [redacted]
Subject: APS: CEC Application drop-off confirmation

Hello Ms. Caufield,

I dropped off a binder with a copy of a CEC application we recently made, in reference to a power line project in the Goodyear and Avondale area. I appreciate the library allowing us to make this copy available for inspection by the public over the next 1-2 months.

Your confirmation that you have indeed received this CEC copy is appreciated, and a simple reply to this email will suffice.

Please feel free to contact me if you have any questions.

Thank you,

STEPHEN EICH
Siting Consultant
P.O. Box 53933, M.S. 3293
Phoenix, AZ 85702
Cell 928-243-2648

--- NOTICE ---

This message is for the designated recipient only and may contain confidential, privileged or proprietary information. If you have received it in error, please notify the sender immediately and delete the original and any copy or printout. Unintended recipients are prohibited from making any other use of this e-mail. Although we have taken reasonable precautions to ensure no viruses are present in this e-mail, we accept no liability for any loss or damage arising from the use of this e-mail or attachments, or for any delay or errors or omissions in the contents which result from e-mail transmission.

File Message Help Acrobat Tell me what you want to do
Share to Teams Find

RE: APS: CEC Application drop-off confirmation

Brenda Soto <[redacted]>
To: Eich, Stephen K
Cc: Bridget Esqueda

8/25/2021

Retention Policy *Default 1 Year Delete* (1 year) Expires 8/25/2022

You replied to this message on 9/20/2021 7:57 AM.

CAUTION
This e-mail is from an EXTERNAL address. DO NOT click on links or open attachments unless you trust the sender and know the content is safe. If you suspect this message to be phishing, please report it to the APS Cyber Defense Center at [redacted]

Hello Stephen,

The binder was received and will be set out for public reference.

Thank you,

Brenda R. Soto

Library Programs Specialist | Sam Garcia Western Avenue Library
Neighborhood and Family Services | City of Avondale
495 E. Western Ave, Avondale AZ, 85323
Direct Phone: 623-333-2617 | Email: [redacted]
Library Modified Hours: M-TH 11am-6pm; Friday - Sunday 1pm-5pm



From: Stephen.Eich [redacted]
Sent: Wednesday, August 25, 2021 1:36 PM
To: Brenda Soto [redacted]
Subject: FW: APS: CEC Application drop-off confirmation

This email arrived from an external source. Please exercise caution when opening attachments or clicking on links.

Hello Ms. Soto,

Earlier today, I dropped off a binder at the front desk containing a copy of a CEC application we recently made, in reference to a power line project in the Goodyear and Avondale area. I appreciate the library allowing us to make this copy available for inspection by the public over the next 1-2 months.

Your confirmation that you have indeed received this CEC copy is appreciated, and a simple reply to this email will suffice.

Please feel free to contact me if you have any questions.

Thank you,

aps
STEPHEN EICH
Siting Consultant
P.O. Box 53933, M.S. 3293
Phoenix, AZ 85702



PHOENIX DEPOSITION REPORTERS®

DATE VIDEOCONFERENCING day, September 2, 2021

AZ CORP COMMISSION
DOCKET CONTROL

2021 SEP -2 P 1:14

RECEIVED

TO: Docket Control

Copy to: Thomas K. Chenal, LS Committee Chairman

SUMMARY – TRANSCRIPT DISTRIBUTION

RE: Hearing held before the Power Plant and Transmission Line Siting Committee
Applicant: Arizona Public Service Company
Project: Three Rivers Project
Docket No. L-00000D-21-0292-00193 – LSC Case No. 193
Transcript of Prefiling Conference held on 08-16-2021

FROM: Marta T. Hetzer, ACC Account Manager - Coash & Coash, Inc.

EMAIL DELIVERY: To all Committee members, Applicant, ACC Legal Division

ORIGINAL TRANSCRIPT:

Enclosed please find the original transcripts of the reporter’s transcript of proceedings, in the above-referenced matter, along Exhibits 1, 2, and 3.

* * * * *

Coash & Coash, Inc. will hand deliver directly additional transcripts, as follows:

Chairman Chenal – One Certified Copy, hand delivered

To Applicant 1) One Certified copy, electronic delivery only
2) Read-Only PDF file to upload to the project’s website

Additional Public Locations: (2)

City of Goodyear Library

Sam Garcia Western Avenue Library

Certified copies mailed USPS, CRRR, on 09-03-2021 to both locations

Please advise if you have any questions or comments. Thank you very much.



RECEIVED
 2021 SEP 22 P 2:36
 AZ CORP COMMISSION
 DOCKET CONTROL

DATE: Wednesday, September 22, 2021

TO: Docket Control
Arizona Corporation Commission

HAND DELIVERED

FROM: Marta T. Hetzer, Client Liaison, ACC Account Manager
Coash & Coash, Inc. – Court Reporters

RE: **PROOF OF DELIVERY TO**
City of Goodyear Library
14455 West Van Buren Street, Suite E101
Goodyear, AZ 85338

Hearing held before the Power Plant and Transmission Line Siting Committee

Applicant: Arizona Public Service Company
Project: Three Rivers Project
Docket No. L-00000D-21-0292-00193 – LSC Case No. 193
Transcript of Prefiling Conference, held on 08-16-2021

City of Goodyear Library is now in receipt of the above-referenced reporter's transcript of proceedings.

Please see attached transmittal letter and USPS proof of delivery.



**USPS
CERTIFIED
RETURN RECEIPT REQUESTED**

September 3, 2021

ATTN: Administrator
City of Goodyear Library
14455 West Van Buren Street, Suite E101
Goodyear, AZ 85338

Re: Hearing held before the Power Plant and Transmission Line Siting Committee
Applicant: Arizona Public Service Company
Project: Three Rivers Project
Docket No. L-00000D-21-0292-00193 – LSC Case No. 193
Transcript of Prefiling Conference held on 08-16-2021

Dear Sir or Madam:

We are enclosing a certified copy of the reporter's transcripts of proceedings, along Exhibits Nos. 1 to 3, of the hearing held in the above-referenced matter for you to make available for public viewing to the citizens of your community. **Please place the transcript together with the Certificate of Environmental Compatibility (CEC) Application.**

This transcript is being provided to your library courtesy of Arizona Public Service Company, the applicant in this matter.

Please let us know if you have any questions or comments.

Very truly yours,

Marta T. Hetzer - Client Liaison
ACC Account Manager

Enclosures

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>[Signature]</i> <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>[Signature]</i></p> <p>C. Date of Delivery <i>[Signature]</i></p>
<p>1. Article Addressed to:</p> <p><i>City of Goodyear Library 14455 W. Van Buren E-101 Goodyear, AZ 85338</i></p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p> <p>RECEIVED SEP - 9 2021</p>
<p>Barcode: </p> <p>9590 9402 5486 9249 1656 16</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Mail Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p><i>7019 2970 0001 8576 7799</i></p>	<p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p> <p>Domestic Return Receipt</p>

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Good Year, AZ 85338

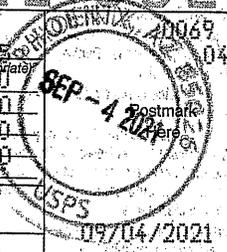
OFFICIAL USE

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.00
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$7.95
Total Postage and Fees	\$14.75

Sent to: *City of Goodyear Library*
 Street and Apt. No., PO Box No.: *14455 W. Van Buren St # E 101*
 City, State, ZIP+4: *Goodyear, AZ 85338*

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 2970 0001 8576 7799





DATE: Wednesday, September 22, 2021

TO: Docket Control
Arizona Corporation Commission

FROM: Marta T. Hetzer, Client Liaison, ACC Account Manager
Coash & Coash, Inc. – Court Reporters

RE: **PROOF OF DELIVERY TO**
Sam Garcia Western Avenue Library
495 East Western Avenue
Avondale, AZ 85323

HAND DELIVERED

AZ CORP COMMISSION
DOCKET CONTROL

2021 SEP 22 P 2:36

RECEIVED

Hearing held before the Power Plant and Transmission Line Siting Committee

Applicant: Arizona Public Service Company
Project: Three Rivers Project
Docket No. L-00000D-21-0292-00193 – LSC Case No. 193
Transcript of Prefiling Conference, held on 08-16-2021

Sam Garcia Western Avenue Library is now in receipt of the above-referenced reporter's transcript of proceedings.

Please see attached transmittal letter and USPS proof of delivery.



PHOENIX DEPOSITION REPORTERS®
& VIDEOCONFERENCING

**USPS
CERTIFIED
RETURN RECEIPT REQUESTED**

September 3, 2021

ATTN: Administrator
Sam Garcia Western Avenue Library
495 East Western Avenue
Avondale, AZ 85323

Re: Hearing held before the Power Plant and Transmission Line Siting Committee
Applicant: Arizona Public Service Company
Project: Three Rivers Project
Docket No. L-00000D-21-0292-00193 – LSC Case No. 193
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This transcript is being provided to your library courtesy of Arizona Public Service Company, the applicant in this matter.

Please let us know if you have any questions or comments.

Very truly yours,

Marta T. Hetzer - Client Liaison
ACC Account Manager

Enclosures

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY														
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>														
<p>1. Article Addressed to: Administrator Sam Garcia Western Ave 495 E. Western Ave Avondale, AZ 85323</p>  <p>9590 9402 5486 9249 1656 09</p>	<p>B. Received by (Printed Name) Sam Garcia Lib.</p> <p>C. Date of Delivery SEP - 9 2021</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p> <p><i>Cov 19/RECEIVED</i></p>														
<p>2. Article Number (Transfer from service label) 7019 2970 0001 8576 7805</p>	<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail®</td> <td><input checked="" type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> All Restricted Delivery</td> <td></td> </tr> </table>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input type="checkbox"/> Certified Mail®	<input checked="" type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> All Restricted Delivery	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®														
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<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery														
<input type="checkbox"/> All Restricted Delivery															

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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Avondale, AZ 85323

OFFICIAL USE

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$7.95
Total Postage and Fees	\$14.75

Postmark Here
 SEP - 4 2021
 09/04/2021
 USPS

Sent to: **Sam Garcia Western Ave Library**
 495 E. Western Ave
 Avondale, AZ 85323

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



Account

Residential

Business

Savings

Solar



Log in

Three Rivers 230kV



Voltage - 230kV

Estimated completion date - 4th Quarter 2021

Location - East Goodyear and west Avondale area

Project need

Connect new power lines and substation into an existing 230kV transmission line to serve a new data center located west of Bullard Avenue between Van Buren Street and Yuma Road.

Project description

The greater Phoenix region has emerged as one of the top markets in the western United States for attracting high-tech industries, including data center companies. The west valley, in particular, is benefiting from economic development activity that will bring jobs and revenue to the area. We are dedicated to providing safe and reliable electric service to support this growth. In February 2020, we announced the need for new electrical infrastructure to serve a new data center in Goodyear, and support the overall growth in the west valley. We held public open house meetings on February 19 and 20, in Avondale and Goodyear to explain the purpose and need for this project, answer questions, discuss potential routes for the power lines, and solicit input from all who attended. The feedback you provided at the open house and through mail, email, telephone and the project webpage helped us identify several route alternatives. In July 2020, we launched a [virtual open house](#) to share the results of these studies and present these route alternatives to once again gather public input, answer questions, and solicit feedback to determine optimal route options for the new transmission lines. These lines are needed to connect the new Three Rivers Substation, located near Bullard Avenue and Van Buren Street in Goodyear, to the existing power line along the Agua Fria River in Avondale.

Public Hearing Information

Please join our project team and the Arizona Power Plant and Transmission Line Siting Committee for a permitting hearing on the Three Rivers 230kV Power Line project. This hearing will be held regarding the Application of APS for a Certificate of Environmental Compatibility (CEC) authorizing construction of the project.

Date: October 4, 2021 beginning at 1:00 p.m. Public comments will be taken beginning at 5:30 p.m. on this day.

In Person Location: Hampton Inn & Suites Phoenix-Goodyear - 2000 N Litchfield Road, Goodyear, AZ 85395.

[Live Stream to View the Hearing: https://vimeo.com/event/1282666](https://vimeo.com/event/1282666)

[Live Stream to View the Public Comment Period: https://vimeo.com/604486109](https://vimeo.com/604486109)

[Virtual participation for Public Comment Period:](#)

Time: Oct 4, 2021 05:30 PM Arizona

Join Zoom Meeting: <https://us06web.zoom.us/j/82757715883>

Meeting ID: 827 5771 5883

One tap mobile

+17207072699,,82757715883# US (Denver)

+12532158782,,82757715883# US (Tacoma)

Dial by your location

+1 720 707 2699 US (Denver)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Washington DC)



+1 301 715 8592 US (Washington DC)
+1 312 626 6799 US (Chicago)

Meeting ID: 827 5771 5883

Find your local number: <https://us06web.zoom.us/j/krqiv2d4>

Any revisions to the hearing schedule, as well as any additional details regarding COVID-19 safety protocols will be available at least 24 hours in advance of the hearing.

[Prefiling Transcripts](#)

[Prefiling Exhibits](#)

[Notice of Hearing](#)

[Application](#)

[Hearing Agenda](#)

[Project planning](#)

The studies we have conducted include environmental impacts, engineering and construction feasibility, land acquisition timing and costs, potential impacts to existing and planned neighborhoods and businesses and input from agencies and the public. Results of these studies have helped us identify three route options: a Preferred Route, Alternative Route #1, and Alternative Route #2 (see Three Rivers 230kV Project Map link below). Each route option forms a looped connection from the existing 230kV transmission line along the Agua Fria River in Avondale to the Three Rivers Substation located near Bullard Avenue and Van Buren Street in Goodyear, then back to the existing 230kV transmission line.

[Project maps](#)

[Three Rivers 230kV Project Map](#)

[Project features](#)

Monopole (single pole) structures are typically used for new 230kV transmission lines, but may include a variety of steel structure types, ranging in height from approximately 115 feet tall to a maximum height of 195 feet depending on routing, terrain and crossing of existing structures, including elevated roads and other power lines. The typical rights-of-way or easements are approximately 120 feet wide (60 feet each side of the structure), but may also vary. Any opportunity to utilize existing 69kV power line routes for the new 230kV structures will be considered.

[Project updates](#)

Throughout the planning process, this webpage will be maintained with the latest information. Comments can be submitted by email or by phone to:

STEPHEN EICH

Siting Consultant

Project information phone number: 833-387-7518

ThreeRiversSiting@aps.com

[Related documents & links](#)

[Three Rivers 230kV Newsletter No. 1](#)

[Three Rivers 230kV Newsletter No. 2](#)

[Three Rivers 230kV Newsletter No. 3](#)

[Three Rivers Open House 1](#)

[Three Rivers Virtual Open House](#)

[FAQ](#)

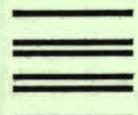
Power line siting projects

A look at the current siting projects, as well as some completed siting projects.

[View projects >](#)

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1. Article Addressed to:

Cherlene Penilla
RE: L-00000D-21-0292-00193
11465 West Civic Center Drive
Avondale, AZ 85323

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
X Addressee

B. Received by (Printed Name) C. Date of Delivery

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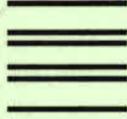
4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7010 0290 0000 1743 6295
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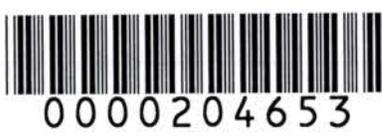
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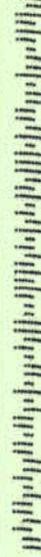
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1. Article Addressed to:

Pam Maslowski
RE: L-00000D-21-0292-00193
214 West Wigwam Boulevard
Litchfield Park, AZ 85340

COMPLETE THIS SECTION ON DELIVERY

- A. Signature Agent
- B. Received by (Printed Name) Addressee
- C. Date of Delivery
- D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below:

[Handwritten Signature]
E. Strubel
9-25-21

- 3. Service Type Certified Mail Express Mail
- Registered Return Receipt for Merchandise
- Insured Mail C.O.D.
- 4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7010 0290 0000 1743 6349

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Docket Control
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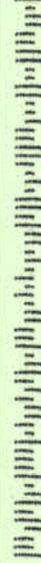
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1. Article Addressed to:

Julie Arendall
 RE: L-00000D-21-0292-00193
 190 North Litchfield Road
 Goodyear, AZ 85338

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
Julie Arendall Addressee

B. Received by (Printed Name) Date of Delivery
CV-19 *9-2*

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Certified Mail
- Registered
- Insured Mail
- Express Mail
- Return Receipt for Merchandise
- C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7010 0290 0000 1743 6325

PS Form 3811, February 2004 Domestic Return Receipt

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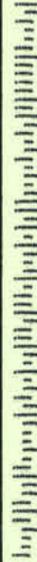
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1. Article Addressed to:

Jordan Fied
 RE: L-000000D-21-0292-00193
 2485 E. Buckeye Road
 Phoenix, AZ 85034

COMPLETE THIS SECTION ON DELIVERY

A. Signature

McBurger Agent
 Addressee

B. Received by (Printed Name)

McBurger C. Date of Delivery
2/1-2/

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Certified Mail
- Registered
- Insured Mail
- Express Mail
- Return Receipt for Merchandise
- C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number
 (Transfer from service label)

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Heather Mitchell
 RE: L-00000D-21-0292-00193
 2801 W. Durango Street
 Phoenix, AZ 85009

COMPLETE THIS SECTION ON DELIVERY

A. Signature

RALD

Agent
 Addressee

B. Received by (Printed Name)

D.A. Wilson, Custodian of Rec. C. Date of Delivery
9-1-2021

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Certified Mail
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- C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

2. Article Number
(Transfer from service label)

7010 0290 0000 1743 6301

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540



Stephen Eich
Line Siting Consultant
Facility Siting

Mail Station 3293
PO Box 53999
Phoenix, Arizona 85072-3999
Tel 928/243-2648

September 21, 2021

Matt Holm
Maricopa County Planning and Development Dept.
301 W. Jefferson Street
Phoenix, AZ 85003

RE: Arizona Public Service Company (APS or Company) in the matter of
the Application for a Certificate of Environmental Compatibility
(CEC)
Docket No. L-00000D-21-0292-00193

Dear Mr. Holm:

APS is providing to you Notice of Hearing regarding the above referenced matter pursuant to A.R.S. § 40-360.04(A).

Please be aware the hearing in Goodyear, Arizona will be held at the Hampton Inn & Suites located at 2000 North Litchfield Road, Goodyear, Arizona 85395, on October 4, 2021 at 1:00 p.m. and will continue on October 5, 2021 at 9:00 a.m. and additional days as needed.

Additionally, attached is the Notice to Affected Jurisdictions that was submitted to Docket Control on August 30, 2021.

Please let me know if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen Eich".

Stephen Eich

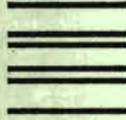
Attachments



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(Signature)

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1. Article Addressed to:

Raul Amavisca
RE: L-00000D-21-0292-00193
205 S. 17th Avenue MD 612E
Phoenix, AZ 85007

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
Raul Amavisca Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes
If YES, further delivery address below: No

PHOENIX, ARIZONA
SEP 01 2021

3. Service Type Certified Mail Registered Mail
 Registered Mail Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7010 0290 0000 1743 6356

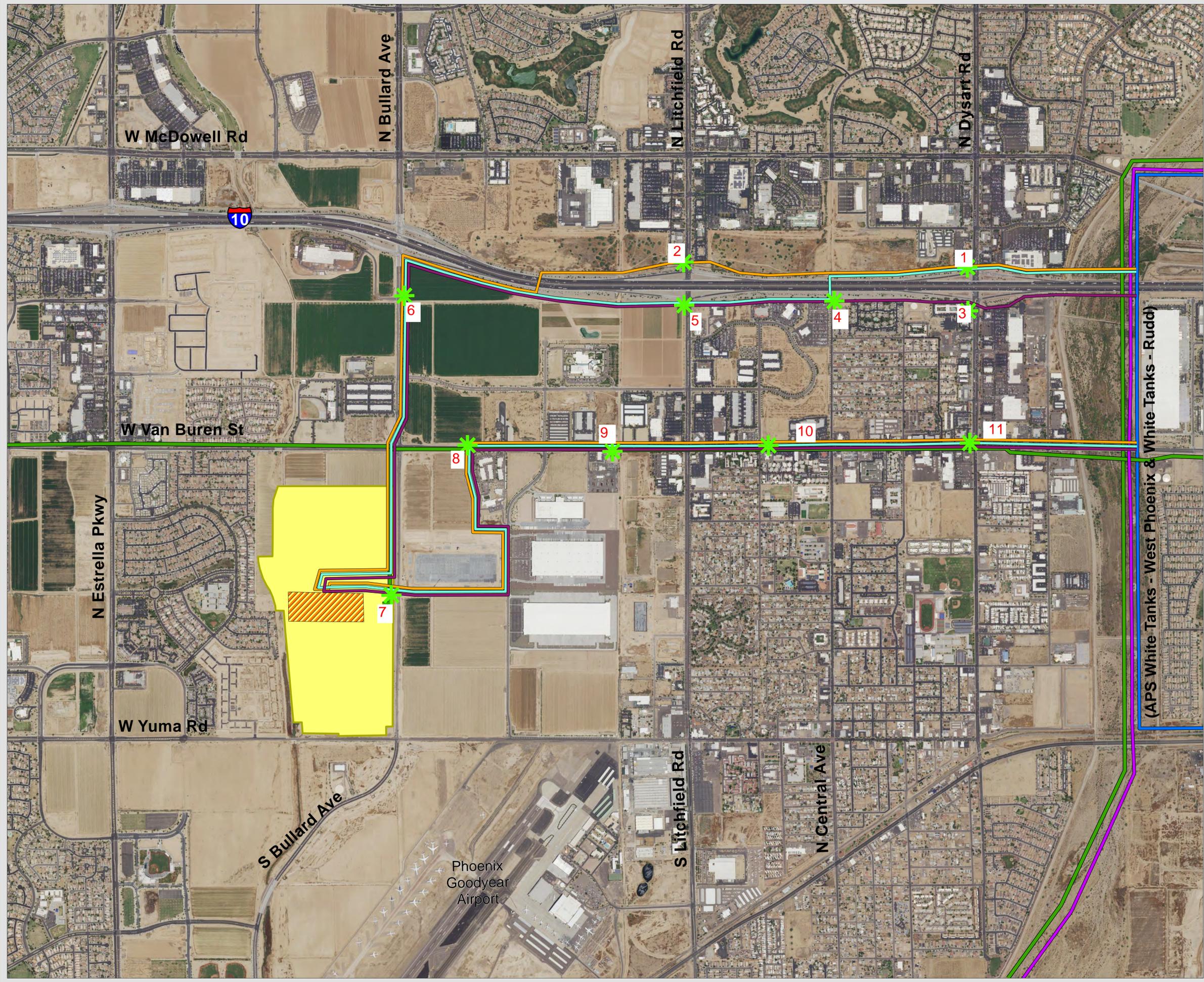
PS Form 3811, February 2004 Domestic Return Receipt

Example of Sign



Three Rivers Transmission Line Project

Proposed Notice of Hearing Sign Locations

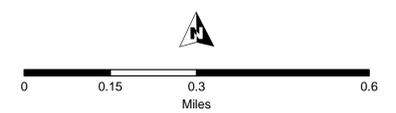


Project Features

-  Sign Locations
-  Three Rivers (TS16) Substation
-  Compass Datacenter Site
-  Preferred Route (230kV Line)
-  Alternative Route #1 (230kV Line)
-  Alternative Route #2 (230kV Line)

Existing Transmission Facilities

-  230kV Transmission Line
-  345kV Transmission Line
-  69kV Transmission Line



August 2021



North Side of I-10



1. NW corner of Dysart Road and I-10



2. NW corner of Litchfield Road and I-10

South Side of I-10



3. SW Corner of Dysart Road and I-10



4. 1781 N Central Avenue, Goodyear



5. SE corner of Litchfield Road and I-10

Bullard Road Alignment



6. East side of Bullard Road just south of I-10



7. SW corner of Bullard Road and Harrison Street (in front of Bullard Substation)

Van Buren Road Alignment



8. SW corner of Van Buren Street and 145th Avenue



9. Just east of 14190 W Van Buren Street, Goodyear

Van Buren Road Alignment

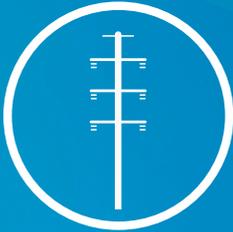


10. 13560 W Van Buren Street, Goodyear



11. SE corner of Van Buren Street and Dysart Road

Supporting the growth of our state



To meet the expanding energy needs of more people and businesses throughout the West Valley area, we are building and upgrading our system. Our plan includes building new power lines and infrastructure to deliver power safely to customers. More information on this project can be found on aps.com/threerivers.

Please join our project team and the Arizona Power Plant and Transmission Line Siting Committee for a public hearing and to provide your feedback on the project.

A public hearing will be held regarding the Application of APS for a Certificate of Environmental Compatibility (CEC) authorizing construction of the project.

Hearing information:

- **October 4, 2021, beginning at 1:00 p.m.** Public comments will be taken beginning at 5:30 p.m. on this day.
- **Telephone or Zoom:** Visit aps.com/threerivers to access Zoom and telephone information.
- **In person:** Hampton Inn & Suites — 2000 N Litchfield Road, Goodyear, Arizona 85395.

Please note, the hearing will continue through October 8, 2021, starting at 9:00 a.m. each day as necessary through the completion of the hearing.

More project information can be found at aps.com/threerivers



Upgrades to support state growth



To learn more about
this project please visit
aps.com/threerivers
or use the QR code.



APS-14

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August 31, 2020

Arizona Corporation Commission
1200 W. Washington Street
Phoenix, AZ 85007

RE: Letter of Support for APS Three Rivers 230kV Power Transmission Lines Siting

Chairwoman Lea Marquez [Peterson](#) and Commissioners,

Compass Datacenters strongly supports APS's application for a certificate of environmental compatibility ("CEC") and APS's selection of the preferred route or either of the two identified alternate routes to connect new power lines to our data center campus located West of Bullard Avenue between Van Buren Street and Yuma Rd.

The new 230kV transmission lines will provide the power and reliability necessary to support the Compass Datacenters data center project and other nearby data center projects. Data centers are the critical foundation for almost everything we do in our lives, and the demand for and importance of data centers continues to grow dramatically.

Our data center project will provide tremendous tax revenue streams & benefits to the City, School Districts, County and State for many years to come. Also, data centers have an impressive impact on the area economy. In 2020, it is estimated Arizona data centers directly provided \$539,000,000 in economic output, creating 530 full time jobs with \$42,000,000 in employee pay & benefits. Also, 2,020 construction jobs with \$132,000,000 in construction pay & benefits.

Our customers are some of the largest technology companies in the world. They are looking to locate and grow dramatically in the Goodyear, AZ area. The ability to get reliable, redundant power feeds and low rates is a significant reason why our customers like our project and this area. We can only accommodate our customer's power needs by completing the APS Three Rivers 230kV Power Transmission Lines Project. This project is a critical component of allowing top technology companies to locate & grow a critical part of their operations.

Thank you for your consideration. Compass Datacenters supports the referenced project.

Regards,



Chris Curtis
Co-Founder & SVP
Compass Datacenters LLC

September 21, 2021

THREE RIVERS 230KV POWER LINE PROJECT PUBLIC INVOLVEMENT SUMMARY

For the Three Rivers 230kV Power Line Project, our team facilitated a purposeful and robust public involvement strategy to best engage with potentially affected members of the community and regional stakeholders.

Our public involvement strategy included the use of the following:

- Project Mailings
- Newspaper Ads
- In-Person Open Houses
- A Virtual Open House
- Stakeholder Briefings
- A Project Website
- A Project Telephone Information Line
- Social Media
- Customer Emails

Project Mailings

The use of project mailings is one of our primary tools to spread information about our projects. The first step in project mailings is to develop a mailing list that includes all property owners, residents, and businesses within our 27-mile study area. The complete mailing list included more than 30,000 mailings.

Our first mailing was the first project newsletter, which announced the project and provided customers with information on two in-person open houses and other opportunities for public comment. The first project newsletter was mailed February 3, 2020 in advance of the open house.

Our second mailing was the second project newsletter, which provided customers with project updates, including a map of alternative routes from which public input was sought. Information on how to attend our first-ever virtual open house was included, and how they could provide input to further refine the routes. The second project newsletter was mailed June 29, 2020.

Our third mailing was the third project newsletter, which provided customers with project updates, including a map showing our Preferred Route and two alternative routes. Information on next steps regarding the CEC process and a future mailing to announce the details of the hearing was also given. The third project newsletter was mailed on June 25, 2021.

Our fourth mailing was a postcard, which provided customers with information about the Arizona Power Plant and Transmission Line Siting Committee public hearing dates, and means of attending, as well as additional information on the project and opportunities for public comment. Postcards were mailed September 15, 2021.

A future fifth mailing is planned following any project decisions made during the Arizona Power Plant and Transmission Line Siting Committee public hearings. The newsletter will announce the committee's decision, the ACC Decision, and provide further information regarding the anticipated timing of construction and operation of project facilities, if applicable.

Open Houses

Our team prepared and held the first round of open houses on February 19 and 20, 2020 in Avondale and Goodyear. This was in-person, just prior to the Covid-19 restrictions, and the last in-person open house APS held pre-

pandemic. Subject Matter Experts were available to explain the project purpose and need, explain the process and environmental studies that were conducted, and acquire public input. Approximately 12 people attended that first round.

Our second open house was limited to on-line participation only, and our team prepared and facilitated our inaugural virtual open house. The virtual open house provided a short introduction video, a separate project overview video, boards with information about the project, interactive and printable maps, and exhibits describing our siting process, as well as additional information about how visitors could provide input and comments. The virtual open house also provided information about how the public could contact project team members for specific questions.

The virtual open house received 1,513 unique visitors during the period July 1 to August 1, 2020. The virtual open house remains accessible and public input will be accepted as the project continues to develop and can be viewed at www.threeriversopenhouse.com.

Stakeholder Briefings

Our team members coordinated and met multiple times with representatives of the cities of Goodyear, Avondale, and Litchfield Park, including elected officials and planning staff. We also met multiple times with staff from the Phoenix/Goodyear Airport, Arizona Department of Transportation, and Flood Control District of Maricopa County. These meetings were held to relay information on the project, answer questions, and request feedback. Our meetings enabled the project team to identify stakeholder issues, consider suggestions during the planning process, incorporate suggested input where feasible, and relay information regarding project development.

Project Website

We published a project website once the project was publicly announced. The website (aps.com/threerivers) has been continuously maintained throughout the CEC process. The website includes information about the project, such as maps, an FAQ, and links to detailed information about our siting process. The website also provides information on how input or public comment can be provided for the project and how a project team member can be reached via email at ThreeRiversSiting@aps.com. Information about the evidentiary hearing has been added to the project website, including specific information about attending by Zoom on-line and the ability to provide comments through Zoom during the public comment.

Project Telephone Information Line

We published a project telephone information line when the project was publicly announced, which has been continuously maintained throughout the CEC process. The telephone information line was created to inform the public about the project, provide opportunity for questions and comments, and as a means of requesting to speak to a team member.

Social Media

Our team utilized targeted Facebook and Instagram ads starting July 15, 2020 and ran ads for two weeks to announce the project. The ads were targeted to homes, businesses, and individuals accessing the internet from within our notification area. Ads were displayed in a similar fashion as a banner ad on a person's phone, tablet, laptop, or desktop computer. Customers who clicked the ad banner were taken to the full ad, which presented brief information about the project with links directing them to the virtual open house. These ads reached over 77,000 people, with 89 taking action.

A second round of targeted Facebook and Instagram ads were utilized on September 17, 2021 to announce the CEC hearing and opportunities for attendance. Analytical data has not yet been obtained.

Customer Emails

Customer information was used to identify email addresses for customers located within the study area. This is accomplished by using our “feeder lists” which list the individual customers served by our lines within a given area. If those customers have provided an email (it is voluntary), we will have the ability to add them to the email mailing list. This list often is larger than the planned notification area as the feeders often serve larger areas than the study area. The email included similar information as the social media advertisement, and primarily directed customers to other tools, including the virtual open house and the project website.

On July 15, 2020, emails were sent to 20,477 customers. Approximately 3,582 emails were opened, with 264 unique clicks on the page.

On June 21, 2021, a second email was sent to 28,555 customers. Approximately 11,941 emails were opened, with 374 unique clicks on the page.

On September 9, 2021, a third email was sent to the same area, but analytical data has not yet been obtained.

Public Comments

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
1	2/6/2020	Newsletter Newspaper	LETTER: Customer owns equipment rental center at the south east corner of Van Buren and Dysart and would like us to consider routing both lines along the I-10 and not disrupt Van Buren traffic.	Route Location	I-10	Comment Noted
2	2/8/2020	Newsletter Newspaper	EMAIL: Customer asked if the lines could be placed underground	Build Underground	None	I emailed the customer to explain that building underground is possible, but then explained the many factors and impacts in doing so for this high voltage line - as opposed to the much lower voltage lines found in our neighborhoods. I touched on various reasons why building overhead is preferred by APS, and encouraged the customer to attend our open house to learn more.

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
3	2/19/2021	Newsletter Newspaper	PHONE: Customer called and wanted to know how the mobile homes within the trailer park she owns would be impacted, and expressed concern about the health and socioeconomic impacts to the community from the transmission line.	Route Location Health Land Value	None	Customer was called to answer questions, informed them that no routes have been determined at this stage, invited them to attend the upcoming open house to learn more and provide their input.
4	2/20/2020	Newsletter Newspaper	OPEN HOUSE COMMENT FORM: Customer preferred to locate lines along the north side of Van Buren Street (rebuild and co-locate existing with existing 69kV line).	Route Location	Van Buren St.	Comment Noted
5	2/20/2020	Newsletter Newspaper	OPEN HOUSE COMMENT FORM: Customer preferred to avoid area on Van Buren Street, west of Bullard Road. Also avoid Bullard Road, north of Van Buren Street.	Route Location	None	Comment Noted
6	2/20/2020	Newsletter Newspaper	OPEN HOUSE COMMENT FORM: Customer preferred to locate lines along Van Buren Street and along I-10, and preferred to avoid residential areas and public gathering places such as Goodyear Community Park, Estrella Mountain Community College, and St. Thomas Aquinos Catholic Church - all located along north side of W. Thomas Road or further north (link 600).	Route Location	Van Buren St. I-10	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
7	2/20/2020	Newsletter Newspaper	<p><u>OPEN HOUSE COMMENT FORM:</u> Customer preferred to locate lines along I-10 and McDowell Road because they are commercial areas. They preferred not to locate on links 80 & 60 (Estrella Road) where residents are already paying millions to develop parks and facilities. Also concerned about unsightly substation - suggests planting short trees and shrubs to improve visually.</p>	Route Location Substation	McDowell Rd I-10	Comment Noted
8	2/20/2020	Newsletter Newspaper	<p><u>OPEN HOUSE COMMENT FORM:</u> Customer preferred to locate along Van Buren Rd, also along I-10, through farm field, Bullard Road, & 143rd Ave. Avoid Estrella Road because of high density housing and significant commercial. Preferred to co-locate with existing 69kV & double circuit and/or force customer to bury lines, lessen visual, noise & EMF impacts to residents.</p>	Route Locations Co-Locate Lines Visual Impacts EMF	Van Buren St. I-10 Bullard Rd 143rd Ave.	Comment Noted
9	2/21/2020	Newsletter Newspaper	<p><u>IN-PERSON CONVERSATION:</u> During the open house this customer was concerned that tenant addresses for a trailer park she manages were not included on our newsletter mailing list. I told her I would look into it and get back with her.</p>	Notification	None	<p>The next day (Feb 22), I emailed the customer to confirm that the addresses within the trailer park she manages were all included in the mailing list, and gave her a copy of the specific trailer park addresses to which they were sent.</p> <p>The customer thanked me for the information and mentioned she/her company would be sending comments later.</p>

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
10	2/21/2020	Newsletter Newspaper	EMAIL: The customer asked if the proposed transmission lines intended to be placed above ground or below ground.	Build Underground	None	I emailed the customer to explain the intention to build the transmission line above ground, including type of structures and heights. I also explained the siting process and next steps, and how to stay involved in providing input to help us in the process.
11	2/21/2020	Newsletter Newspaper	EMAIL: Customer asked if their contact information is included on our email and mailing lists.	Notification	None	I responded that their information has been added while providing additional info about the Project website.
12	2/22/2020	Newsletter Newspaper	EMAIL: The customer explained that he attended the open house and proceeded to give comments to keep the route along the I-10 corridor as much as possible, then south along Bullard Avenue to the substation. Customer also wanted us to take into consideration the airport airspace restrictions and coordinate our efforts with other nearby data centers. He commended APS on a job well-done at the open house was impressed by the detailed information we provided. He also pointed out some issues with the online comment form.	Route Location FAA	I-10 Bullard Road	I responded by email and apologized for the technical problems and informed him we were working on the issue, but assured him the email comment would be included. I thanked him for his input and gave him a quick overview of the next steps in the process.
13	7/2/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) EMAIL: The customer strongly pleaded that this does not get built through subdivisions.	Visual Impacts Economic Impacts	None	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
14	7/2/2020	Newsletter Newspaper Email Social Media	<p>(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer requested that we consider building the lines underground and was concerned about costs. He expressed support for technological advancement and is pro-business, but does not want to see poles from his backyard.</p> <p>Customer provided their Alternative Route preferences: #1 - Alternative 7 (Van Buren to 143rd) #2 - Alternative 2 (Rancho Santa Fe to Central Ave to south side of I-10 to Bullard) #3 - Alternative 4 (along N. side of I-10 to Central Ave)</p>	Route Location Build Underground Costs Visual Impacts	<p>Project Alternatives Map (7 routes) Order of Preference 1) Alt. 7 2) Alt. 2 3) Alt.4</p>	Comment Noted
15	7/4/2020	Newsletter Newspaper Email Social Media	<p>EMAIL: Customer provided their Alternative Route preferences: #1 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd alignment then on to Bullard) #2 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard) #3 - Alternative 5 (along S. side of I-10 entire way to Estrella, down to Van Buren, then back to Bullard)</p>	Route Locations	<p>Project Alternatives Map (7 routes) Order of Preference 1) Alt. 3 2) Alt. 4 3) Alt. 5</p>	I confirmed receiving their email and explained that the intent would be to rebuild the existing poles along Van Buren and co-locate the transmission lines. I also encouraged them to visit the virtual open house to learn more and specifically suggested looking at the visual simulations, and continue to provide any input.

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
16	7/4/2020	Newsletter Newspaper Email Social Media	EMAIL: Customer opposes Alternative 1, specifically along W. McDowell Rd near residential communities. Concerns for decreasing property values, safety concerns for residents, and negative visual and economic impacts for homeowners and businesses. Keep it along Interstate 10, with commercial areas.	Route Location Visual Impacts Economic Impacts	I-10 corridor	I acknowledged receiving their input, ensured it would be included in our evaluation.
17	7/5/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: PROVIDED TOP 3 RANKINGS ONLY Customer provided their Alternative Route preferences: #1 - Alternative 7 (along Van Buren to 143rd) #2 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #3 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd alignment then on to Bullard)	Route Locations	Project Alternatives Map (7 routes) Order of Preference 1) Alt. 7 2) Alt. 6 3) Alt. 3	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
18	7/6/2020	Newsletter Newspaper Email Social Media	<p><u>(VIRTUAL OPEN HOUSE)</u> <u>QUESTIONNAIRE:</u> Customer commented that Alternative 1 (along McDowell Road) is through too much of a business and residential area. Customer provided their Alternative Route preferences: #1 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd alignment then on to Bullard) #2 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard) #3 - Alternative 5 (along S. side of I-10 entire way to Estrella, down to Van Buren, then back to Bullard)</p>	Route Locations	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 3 2) Alt. 4 3) Alt. 5</p>	Comment Noted
19	7/8/2021	Newsletter Newspaper Email Social Media	<p><u>EMAIL:</u> Customer expressed opposition to Alternative 1 (along McDowell Road), due to proximity to the Palm Valley community. Customer provided their Alternative Route preferences: #1 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd alignment then on to Bullard) #2 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard) #3 - Alternative 5 (along S. side of I-10 entire way to Estrella, down to Van Buren, then back to Bullard)</p>	Route Location Visual Impacts Economic Impacts	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 3 2) Alt. 4 3) Alt. 5</p>	Responded confirming we received their email.

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
20	7/9/2020	Newsletter Newspaper Email Social Media	<p>(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer expressed opposition to Alternative 1 (along McDowell Rod), due to proximity of homes and helicopter flight path for nearby hospital, and Phoenix/Goodyear airport. Concerns regarding residential views and proximity to hospital. Customer provided their Alternative Route preferences: #1 - Alternative 5 (along S. side of I-10 entire way to Estrella, down to Van Buren, then back to Bullard) #2 - Alternative 7 (along Van Buren to 143rd) #3 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd alignment then on to Bullard)</p>	Route Location Visual Impacts Economic Impacts Hospital Needs	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 5 2) Alt. 7 3) Alt. 3</p>	Comment Noted
21	7/10/2020	Newsletter Newspaper Email Social Media	<p>(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer expressed a desire that the lines be placed in locations with the least impact to physical health and residential communities. Customer provided their Alternative Route preferences: #1 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard) #2 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd alignment then on to Bullard) #3 - Alternative 2 (Rancho Santa Fe to Central Ave to</p>	EMF Visual Impacts Economic Impacts	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 4 2) Alt. 3 3) Alt. 2</p>	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
			south side of I-10 to Bullard)			
22	7/13/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) EMAIL: Customer expressed opposition to Alternative 1 (McDowell Road & I-10 to Estrella), due to proximity of residential communities, and location to helicopter path to the hospital, and requested lines be placed along the I-10.	Route Location Visual Impacts Economic Impacts Hospital Needs	I-10 corridor	Comment Noted
23	7/13/2020	Newsletter Newspaper Email Social Media	EMAIL: The customer does not support the more trafficked areas of Alternatives 1 (McDowell Road & I-10 to Estrella) and 5 (South side of I-10 to Estrella) during construction. Customer provided their Alternative Route preferences: #1 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #2 - any other alternative	Route Location	Project Alternatives Map (7 routes): Order of Preference 1) Alt. 6 2) Alt. 2, 7, 4, & 3	Comment Noted
24	7/13/2020	Newsletter Newspaper Email Social Media	EMAIL: Customer expressed opposition to new large poles along McDowell Road due to proximity of residential homes and economic and safety impacts.	Route Location Visual Impacts Economic Impacts	None	Comment Noted
25	7/13/2020	Newsletter Newspaper Email Social Media	EMAIL: Customer proposes using a route that minimizes the view of the towers from residential areas. Customer provided their Alternative Route preferences: #1 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd	Route Location Visual Impacts	Project Alternatives Map (7 routes): Order of Preference 1) Alt. 3	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
			alignment then on to Bullard)			
26	7/15/2020	Newsletter Newspaper Email Social Media	<p><u>(VIRTUAL OPEN HOUSE) QUESTIONNAIRE:</u> Customer opposes routes west of Bullard Rd on Van Buren (Alternatives 1 & 5) adjacent to residential areas, but to keep them close to commercial areas. Alternatives 2, 3, and 4 are of equal preference. Customer provided their Alternative Route preferences: #1 - Alternative 7 (along Van Buren to 143rd) #2 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #3 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard)</p>	Route Location Visual Impacts	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 7 2) Alt. 6 3) Alt. 4</p>	Comment Noted
27	7/15/2020	Newsletter Newspaper Email Social Media	<p><u>(VIRTUAL OPEN HOUSE) QUESTIONNAIRE:</u> Customer prefers that we route the lines adjacent to commercial areas, and avoid Alternatives 1 (McDowell Road & I-10 to Estrella) and 5 (South side of I-10 to Estrella) are untenable. Alternatives 2, 3, and 4 are about the same. Customer provided their Alternative Route preferences: #1 - Alternative 7 (along Van Buren to 143rd) #2 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #3 - Alternative 2 (Rancho Santa Fe to Central Ave to south side of I-10 to Bullard)</p>	Route Location Visual Impacts	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 7 2) Alt. 6 3) Alt. 2</p>	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
28	7/16/2020	Newsletter Newspaper Email Social Media	<p>(VIRTUAL OPEN HOUSE QUESTIONNAIRE: Customer opposes Alternatives 1 (McDowell Road & I-10 to Estrella) and 5 (South side of I-10 to Estrella). Customer lives near data center site and is upset with the city for selling out to development.</p> <p>Customer provided their Alternative Route preferences: #1 - Alternative 7 (along Van Buren to 143rd) #2 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #3 - Alternative 2 (Rancho Santa Fe to Central Ave to south side of I-10 to Bullard)</p>	Route Location Visual Impacts Economic Impacts	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 7 2) Alt. 6 3) Alt. 2</p>	Comment Noted
29	7/16/2020	Newsletter Newspaper Email Social Media	<p>(VIRTUAL OPEN HOUSE QUESTIONNAIRE: Customer prefers that we keep the lines to areas not near existing homes and closest to the areas being developed with warehouses south of the I-10. Utilize devalued sites or near lake bed.</p> <p>Customer provided their Alternative Route preferences: #1 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #2 - Alternative 7 (along Van Buren to 143rd) #3 - Alternative 5 (along S. side of I-10 entire way to Estrella, down to Van Buren, then back to Bullard)</p>	Route Location Visual Impacts Economic Impacts	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 6 2) Alt. 7 3) Alt. 5</p>	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
30	7/16/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer suggests following portions of Alternatives 5 and 3 (South side of I-10 and down via Bullard). Customer provided their Alternative Route preferences: #1 - Alternative 7 (along Van Buren to 143rd) #2 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #3 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard)	Route Location	Project Alternatives Map (7 routes): Order of Preference 1) Alt. 7 2) Alt. 6 3) Alt. 4	Comment Noted
31	7/17/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) EMAIL: "Just want to say this is an excellent overview of the project, and want to thank you for sharing it so that we know what to expect."	Praise	None	Comment Noted
32	7/17/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) EMAIL: Customer concerned about visual impacts and wants the data center to pay for burying lines underground.	Visual Impacts Costs	None	Comment Noted
33	7/17/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) EMAIL: "Where are the proposed locations for this?"	General	None	I emailed the customer to explain how all the information can be found on our virtual open house and gave the link with instructions how to operate the VOH (which is also given as a pop-up on the home screen), and explained how they can provide input as to which route locations they prefer or oppose or in general on the questionnaire or email me specifically.

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
34	7/17/2020	Newsletter Newspaper Email Social Media	EMAIL: Customer gave previous comments, and wanted to add that she was concerned about tall poles and along McDowell Rd and the negative impact on helicopter flights into and out of the Hospital, and any warning lights that might go on them.	Route Location Hospital Needs	None	Comment Noted
35	7/17/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer concerns about negative impact to residential property values and concerns about EMF from living close to these lines. Keep close to I-10 corridor. Virtual Open House Top 3 Routes Ranking: #1 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard) #2 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd alignment then on to Bullard) #3 - Alternative 5 (along S. side of I-10 entire way to Estrella, down to Van Buren, then back to Bullard)	Route Location Economic Impacts EMF	Project Alternatives Map (7 routes): Order of Preference 1) Alt. 4 2) Alt. 3 3) Alt. 5	Comment Noted
36	7/17/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: "I think avoiding residential areas is best." Customer provided their Alternative Route preferences: #1 - Alternative 7 (along Van Buren to 143rd) #2 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #3 - Alternative 2 (Rancho Santa Fe to Central Ave to	Route Location	Project Alternatives Map (7 routes): Order of Preference 1) Alt. 7 2) Alt. 6 3) Alt. 2	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
			south side of I-10 to Bullard)			
37	7/17/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer provided their Alternative Route preferences: #1 - Alternative 7 (along Van Buren to 143rd) #2 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #3 - Alternative 2 (Rancho Santa Fe to Central Ave to south side of I-10 to Bullard)	Route Location	Project Alternatives Map (7 routes): Order of Preference 1) Alt. 7 2) Alt. 6 3) Alt. 2	Comment Noted
38	7/17/2021	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer provided their Alternative Route preferences: #1 - Alternative 7 (along Van Buren to 143rd) #2 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #3 - Alternative 1 (McDowell to RR to I-10 to N Estrella Pkwy to Van Buren then back to Bullard)	Route Location	Project Alternatives Map (7 routes): Order of Preference 1) Alt. 7 2) Alt. 6 3) Alt. 1	Comment Noted
39	7/18/2020	Newsletter Newspaper Email Social Media	EMAIL: Customer is a resident in a neighborhood along McDowell and asked that we avoid Alternative 1 down McDowell Rd.	Route Location	None	I responded that their comment would be included in our considerations

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
40	7/19/2020	Newsletter Newspaper Email Social Media	<p>(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: "Routes 1 (McDowell Road & I-10 to Estrella) and 5 (South side of I-10 to Estrella) do not make a lot of sense. Keep in the same path as existing power lines to minimize the disruption of developments." Customer provided their Alternative Route preferences: #1 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #2 - Alternative 7 (along Van Buren to 143rd) #3 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard)</p>	Route Location Economic Impacts	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 6 2) Alt. 7 3) Alt. 4</p>	Comment Noted
41	7/20/2020	Newsletter Newspaper Email Social Media	<p>(VIRTUAL OPEN HOUSE) EMAIL: "Hello! This is legit THE COOLEST project information site I've ever seen. Is this a specific platform? Or did APS code/build this site? Thanks for sharing any information!"</p>	Praise	None	Responded with gratitude for their kind feedback and gave brief information on the virtual platform and the consultant that created it.
42	7/21/2020	Newsletter Newspaper Email Social Media	<p>PHONE: Customer left a voice message asking about health risks and the visual impacts to neighborhoods, and had some suggestions for the lines.</p>	EMF Visual Impacts	None	I returned his call and he was no longer concerned once he realized how far away he was from the alternatives. I encouraged him to visit our virtual open house and gave him the site information, as well as where to find EMF information.

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
43	7/22/2020	<p><u>Newsletter</u> Newspaper Email Social Media</p>	<p>(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer preferred Alternative 6 (along Van Buren to Bullard Ave Bullard) and asked us to consider routes on the south side of I-10. Customer provided their Alternative Route preferences: #1 - Alternative 6 (along Van Buren to Bullard Ave Bullard) #2 - Alternative 7 (along Van Buren to 143rd) #3 - Alternative 2 (Rancho Santa Fe to Central Ave to south side of I-10 to Bullard)</p>	Route Location	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 6 2) Alt. 7 3) Alt. 2</p>	Comment Noted
44	7/22/2020	<p>Newsletter Newspaper Email Social Media</p>	<p>(VIRTUAL OPEN HOUSE) QUESTIONNAIRE: Customer concerned about traffic impacts during construction and length of time for construction. Customer provided their Alternative Route preferences: #1 - Alternative 3 (along N. side of I-10 then cross to the south side at 143rd alignment then on to Bullard) #2 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard) #3 - Alternative 5 (along S. side of I-10 entire way to Estrella, down to Van Buren, then back to Bullard)</p>	Route Location Construction	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 3 2) Alt. 4 3) Alt. 5</p>	Comment Noted

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
45	7/23/2020	Newsletter Newspaper Email Social Media	<p>PHONE: Customer prefers we rebuild/co-locate with existing 69kV lines for our routes. They would also support Alternative 4 route (along N. side of I-10 then cross south at Central Ave then continue to Bullard). They want to ensure APS is planning for future power needs as we build this line. They appreciate the work APS does, although a bit pricy.</p> <p>Alternative Route preferences: #1 - Alternative 6 (along Van Buren to Bullard Ave Bullard) or Alternative 7 (along Van Buren to 143rd) #2 - Alternative 4 (along N. side of I-10 then cross south at Central Ave then continue to Bullard)</p>	Route Location Co-locate	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 6 or 7 2) Alt. 4</p>	I responded that their input will be included in our process and ensured them that we do our best to plan for the future and accommodate any changes in the process. I also ensured them that we consider rebuilding existing lines as a great opportunity in our siting process.
46	7/25/2020	Newsletter Newspaper Email Social Media	<p>EMAIL: Customer opposes Alternative 1 along McDowell Rd. Concerned about decreasing home values in neighborhoods near McDowell. Prefers south side of I-10 near shopping centers and neighborhoods.</p> <p>Alternative Route preferences: #1 - Alternative 5 (along S. side of I-10 entire way to Estrella, down to Van Buren, then back to Bullard)</p>	Route Location	<p>Project Alternatives Map (7 routes): Order of Preference 1) Alt. 5</p>	I acknowledged receiving customer's email and thanked him for participating in the process.
47	7/28/2020	Newsletter Newspaper Email Social Media	<p>PHONE: Customer asked about what comes next after the virtual open house public comment period, and when construction will begin.</p>	General Construction	None	I called the customer back to explain the siting and hearing process and expected timeline for construction, provided the link to visit the virtual open house.

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
48	8/1/2020	Newsletter Newspaper Email Social Media	(VIRTUAL OPEN HOUSE) EMAIL: Customer appreciated our outreach, and doesn't oppose powerlines along existing and future industrial areas, but doesn't support data centers.	Praise General	None	Comment Noted
49	8/21/2020	Newsletter Newspaper Email Social Media	IN-PERSON CONVERSATION: A co-worker of mine was approached by this person at a meeting with the city on a separate project, this person (a Youngtown City representative) made a comment that he did not receive a newsletter for this project.	General	None	My co-worker followed up with an email to the customer and cc'd me explaining I'd be contacting them with further information. I later emailed the customer, providing project information, including a link to the virtual open house, and asked for his address to ensure it was on our mailing list. After further discussion, we found that he lives outside the study area, and once he realized the actual location of the alternative routes he was no longer concerned. He also complimented our work and the project as a whole.
50	6/29/2021	Newsletter Email	EMAIL: Customer wanted to know if the lines could be buried, similar to neighborhood powerlines.	Build Underground View Impacts	None	I emailed the customer explaining the difference between these high-voltage lines and typical lines buried in neighborhoods, and the added costs and difficulties of burying high-voltage lines. I explained our siting effort to try to locate these transmission lines to minimize negative impacts as much as we can. The customer also asked about costs related to the project, and I summarized the topic per our FAQ sheet, and sent him a link to our webpage with the information, and let him know of the upcoming public hearing which he could view and participate in.

No.	Date	Notification Type	Issues / Phone Message / Comments	Concerns / Topics	Alternative Preferred	Response
51	9/16/2021	Newsletter Newspaper Email Social Media	EMAIL: "Do you have pictures/drawings of what the area will look like when completed?"	General	None	I emailed the customer and explained that although we did not have a full simulation of the entire project, we do have maps showing the overall route locations, and encouraged him to visit the webpage which identifies the routes. I also sent him the virtual open house link where he could find pictures of similar powerlines along freeways and city roadways, as well as a couple simulations, as shown in our virtual open house. Then encouraged him to attend the hearing either in-person or online to see additional simulations.

**BEFORE THE ARIZONA POWER PLANT
AND TRANSMISSION LINE SITING COMMITTEE**

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IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY, IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES 40-360, ET SEQ., FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY FOR THE THREE RIVERS 230 KILOVOLT TRANSMISSION LINE PROJECT, WHICH AUTHORIZES THE CONSTRUCTION OF TWO NEW SINGLE CIRCUIT 230 KV TRANSMISSION LINES WITH THE INTERCONNECTIONS ORIGINATING AT THE EXISTING APS RUDD-WHITE TANKS 230 KV TRANSMISSION LINE AND THE LINES PROCEEDING WEST AND CONTINUING SOUTH TERMINATING AT THE TS16 SUBSTATION, SOUTH HALF OF THE NE QUARTER OF SECTION 8 OF TOWNSHIP 1 NORTH, RANGE 1 WEST AND NORTH HALF OF THE SE QUARTER OF SECTION 8, LOCATED IN GOODYEAR, MARICOPA COUNTY, ARIZONA.

DOCKET NO. L-00000D-21-0292-00193

Case No. 193

CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY

INTRODUCTION

Pursuant to notice given as provided by law, the Arizona Power Plant and Transmission Line Siting Committee (Committee) held public hearings in Goodyear, Arizona, on October 4 - _, 2021, in conformance with the requirements of the Arizona Revised Statutes (A.R.S.) § 40-360 *et seq.* for the purpose of receiving evidence and deliberating on the August 24, 2021 application (Application) of Arizona Public Service Company (APS or Applicant) for a Certificate of Environmental Compatibility (CEC) in the above-captioned case.

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1 The following members and designees of members of the Committee were present
 2 at one or more of the hearing days for the evidentiary presentations, public comment,
 3 and/or for the deliberations:

- 4 Paul A. Katz Chairman, Designee for Arizona Attorney General
- 5 Leonard Drago Designee for Director, Arizona Department of Environmental
 6 Quality
- 7 John R. Riggins Designee for Director, Arizona Department of Water Resources
- 8 Zachary Branum Designee of the Chairman, Arizona Corporation Commission
- 9 Karl Gentles Appointed Member, representing the general public
- 10 Jack Haenichen Appointed Member, representing the general public
- 11 Mary Hamway Appointed Member, representing cities and towns
- 12 Rick Grinnell Appointed Member, representing counties
- 13 James Palmer Appointed Member, representing agriculture
- 14

15 The Applicant was represented by Linda J. Benally of APS and J. Matthew
 16 Derstine of Snell and Wilmer, LLP. No parties have intervened in this matter.

17 At the conclusion of the hearing, the Committee, after considering the (i)
 18 Application, (ii) evidence, testimony, and exhibits presented by the Applicant, and (iii)
 19 comments of the public, and being advised of the legal requirements of A.R.S. §§ 40-360
 20 through 40-360.13, upon motion duly made and seconded, voted __ to __, to grant/deny
 21 APS and its successors and assigns this CEC for construction of the Three Rivers 230
 22 kilovolt (kV) Transmission Line Project (Project) as described below.

23

24 **OVERVIEW OF THE PROJECT**

25 The Project consists of a single-circuit 230kV transmission line connecting the
 26 Rudd-White Tanks 230kV transmission line (Rudd-White Tanks Line) to the Three
 27 Rivers Substation and a second independent single-circuit 230kV transmission line
 28 connecting the Three Rivers Substation back to the Rudd-White Tanks Line, double-

1 circuit 230kV lines at highway crossings (one line energized as of the date of this
 2 Certificate), and double-circuit lines entering and exiting the Three Rivers Substation.

3 A map and corridor description are attached as **Exhibit A**.

4 **CONDITIONS**

5 This Certificate is granted upon the following conditions:

6 1. This authorization to construct the Project shall expire ten (10) years from
 7 the date this Certificate is approved by the Commission, with or without modification.
 8 Construction of the Project shall be complete, such that the Project is in -service within
 9 this ten-year timeframe. However, prior to the expiration of the time period, ~~RE~~
 10 ~~Papago~~APS may request that the Commission extend the time limitation. [CEC 189]

11 2. In the event the Project requires an extension of the term(s) of this
 12 Certificate prior to completion of construction, ~~RE~~ ~~Papago~~APS shall file such time
 13 extension request at least one hundred eighty (180) days prior to the expiration date of the
 14 Certificate. ~~RE~~ ~~Papago~~APS shall use reasonable means to promptly notify the Board of
 15 Supervisors of Maricopa County and all cities and towns within a five (5) mile radius of
 16 the centerline of the Project and all landowners and residents within a five (5)-mile radius
 17 of the centerline of the Project, all persons who made public comment at this proceeding
 18 who provided a mailing or email address, and all parties to this proceeding. The
 19 notification provided will include the request and the date, time, and place of the hearing
 20 or open meetings during which the Commission will consider the request for extension.
 21 Notification shall be no more than three (3) business days after ~~RE~~ ~~Papago~~APS is made
 22 aware of the hearing date or the open meeting date. [CEC 189]

23 3. During the development, construction, operation, maintenance, and
 24 reclamation of the Project, ~~RE~~ ~~Papago~~APS shall comply with all existing applicable air
 25 and water pollution control standards and regulations, and with all existing applicable
 26 statutes, ordinances, master plans, and regulations of any governmental entity having
 27 jurisdiction including, but not limited to, the United States of America, the State of
 28

1 Arizona, Maricopa County, and their agencies or subdivisions including, but not limited
 2 to, the following:

- 3 a. All applicable land use regulations;
- 4 b. All applicable zoning stipulations and conditions including, but not
 5 limited to, landscaping and dust control requirements;
- 6 c. All applicable water use, discharge and/or disposal requirements of the
 7 Arizona Department of Water Resources and the Arizona Department of
 8 Environmental Quality;
- 9 d. All applicable noise control standards; and
- 10 e. All applicable regulations governing storage and handling of hazardous
 11 chemicals and petroleum products. [\[CEC 189\]](#)

12 4. ~~RE-Papago~~APS shall obtain all approvals and permits necessary to
 13 construct, operate and maintain the Project required by any governmental entity having
 14 jurisdiction including, but not limited to, the United States of America, the State, Maricopa
 15 County, and their agencies and subdivisions. [\[CEC 189\]](#)

16 5. ~~RE-Papago~~APS shall comply with the Arizona Game and Fish Department
 17 (“AGFD”) guidelines for handling protected animal species, should any be encountered
 18 during construction and operation of the Project, and shall consult with AGFD as
 19 necessary on other issues concerning wildlife. [\[CEC 189\]](#)

20 6. ~~RE-Papago~~APS shall design the Project to incorporate reasonable measures
 21 to minimize electrocution of and impacts to avian species. Such measures will be
 22 accomplished through compliance with the Avian Power Line Interaction Committee
 23 guidelines set forth in the 2006 Electrocution Manual and the 2012 Collision Manual.
 24 [\[CEC 189\]](#)

25 7. ~~RE-Papago~~APS shall consult with ~~the-ASLD and the~~ State Historical
 26 Preservation Office (“SHPO”) with respect to cultural resources. If any archaeological,
 27 paleontological, or historical site or a significant object is discovered on state, county, or
 28 municipal land during the construction or operation of the Project, ~~RE-Papago~~APS or its

1 representative in charge shall promptly report the discovery to the Director of the Arizona
 2 State Museum (“ASM”), and in consultation with the Director, shall immediately take all
 3 reasonable steps to secure and maintain the preservation of the discovery as required by
 4 A.R.S. § 41-844. [CEC 189]

5 8. ~~RE Papago~~APS shall comply with the notice and salvage requirements of
 6 the Arizona Native Plant Law (A.R.S. §§ 3-901 *et seq.*) and shall, to the extent feasible,
 7 minimize the destruction of native plants during the construction and operation of the
 8 Project. [CEC 189]

9 9. ~~RE Papago~~APS shall make every reasonable effort to promptly investigate,
 10 identify, and correct, on a case-specific basis, all complaints of interference with radio or
 11 television signals from operation of the Project addressed in this Certificate and where
 12 such interference is caused by the Project take reasonable measures to mitigate such
 13 interference. ~~RE Papago~~APS shall maintain written records for a period of five (5) years
 14 of all complaints of radio or television interference attributable to operations, together
 15 with the corrective action taken in response to each complaint. All complaints shall be
 16 recorded to include notations on the corrective action taken. Complaints not leading to a
 17 specific action or for which there was no resolution shall be noted and explained. Upon
 18 request, the written records shall be provided to the Staff of the Commission. ~~RE~~
 19 ~~Papago~~APS shall respond to complaints and implement appropriate mitigation measures.
 20 In addition, the Project shall be evaluated on a regular basis so that damaged insulators or
 21 other line materials that could cause interference are repaired or replaced in a timely
 22 manner. [CEC 189]

23 10. If human remains and/or funerary objects are encountered on private land
 24 during the course of any ground-disturbing activities related to the construction or
 25 maintenance of the Project, ~~RE Papago~~APS shall cease work on the affected area of the
 26 Project and notify the Director of the ASM as required by A.R.S. § 41-865. [CEC 189]

27 11. Within one hundred twenty (120) days of the Commission’s decision
 28 approving this Certificate, ~~RE Papago~~APS shall post signs in or near public rights-of-way,

1 to the extent authorized by law, along the route of the Project giving notice of the Project.

2 Such signage shall be no smaller than a roadway sign. The signs shall advise:

- 3 a. Future site of the Project;
- 4 b. A phone number and website for public information regarding the
- 5 Project; and
- 6 c. Refer the Public to the Docket [https://edocket.azcc.gov/Search/Docket-](https://edocket.azcc.gov/Search/Docket-Search)
- 7 Search.

8 Such signs shall be inspected at least once annually and, if necessary, be repaired or
 9 replaced, and removed at the completion of construction. [\[CEC 189\]](#)

10 12. At least ninety (90) days before construction commences on the Project, ~~RE~~
 11 ~~Papago~~APS shall provide cities and towns within five (5) miles of the Project, the Board
 12 of Supervisors for Maricopa County, and known builders and developers who are building
 13 upon or developing land within one (1) mile of the centerline of the Project with a written
 14 description, including height and width measurements of all structure types, of the Project.
 15 The written description shall identify the location of the Project and contain a pictorial
 16 depiction of the facilities being constructed. ~~RE-Papago~~APS shall also encourage the
 17 developers and builders to include this information in their disclosure statements. [\[CEC](#)
 18 [189\]](#)

19 13. ~~RE-Papago~~APS shall use non-specular conductors and non-reflective
 20 surfaces for the transmission line structures on the Project. [\[CEC 189\]](#)

21 14. ~~RE-Papago~~APS shall be responsible for arranging that all field personnel
 22 involved in the Project receive training as to proper ingress, egress, and on-site working
 23 protocol for environmentally sensitive areas and activities. Contractors employing such
 24 field personnel shall maintain records documenting that the personnel have received such
 25 training. [\[CEC 189\]](#)

26 15. ~~RE-Papago~~APS shall follow the most current Western Electricity
 27 Coordinating Council (“WECC”) and North American Electric Reliability Corporation
 28 (“NERC”) planning standards, as approved by the Federal Energy Regulatory

1 Commission (“FERC²), National Electrical Safety Code (“NESC²) standards and Federal
 2 Aviation Administration (“FAA²) regulations. [\[CEC 189\]](#)

3 16. ~~RE-Papago-APS~~ shall participate in good faith in state and regional
 4 transmission study forums to coordinate transmission expansion plans related to the
 5 Project and to resolve transmission constraints in a timely manner. [\[CEC 189\]](#)

6 17. When Project facilities are located parallel to and within one hundred (100)
 7 feet of any existing natural gas or hazardous liquid pipeline, ~~RE-PapagoAPS~~ shall:

8 a. Ensure grounding and cathodic protection ~~measurements-studies~~ are
 9 performed to show that the Project’s location parallel to and within one
 10 hundred (100) feet of such pipeline results in no material adverse
 11 impacts to the pipeline or to public safety when both the pipeline and the
 12 Project are in operation. ~~RE-PapagoAPS~~ shall take appropriate steps to
 13 ensure that any material adverse impacts are mitigated. ~~RE-PapagoAPS~~
 14 shall provide to Staff of the Commission, and file with Docket Control,
 15 a copy of the ~~measurements-studies~~ performed and additional mitigation,
 16 if any, that were implemented as part of its annual compliance-
 17 certification letter; and

18 b. Ensure that ~~studies are performed~~ ~~measurements are taken during an~~
 19 ~~outage-simulating~~ ~~on an outage~~ of the Project that may be caused by the
 20 collocation of the Project parallel to and within one hundred (100) feet
 21 of the existing natural gas or hazardous liquid pipeline. The
 22 ~~measurements-studies~~ should either: i) show that such simulated outage
 23 does not result in customer outages, or ii) include operating plans to
 24 minimize any resulting customer outages. ~~RE-PapagoAPS~~ shall provide
 25 a copy of the ~~measurement-study~~ results to Staff of the Commission and
 26 file them with Docket Control as part of ~~RE-PapagoAPS~~’s annual
 27 compliance certification letter. [\[CEC 188\]](#)

1 18. ~~RE Papago~~APS shall submit a compliance certification letter annually,
2 identifying progress made with respect to each condition contained in this Certificate,
3 including which conditions have been met. The letter shall be submitted to the
4 Commission's Docket Control commencing ~~December~~ June-1, 2022. Attached to each
5 certification letter shall be documentation explaining how compliance with each condition
6 was achieved. Copies of the letter, along with the corresponding documentation, shall be
7 submitted to the Arizona Attorney General's Office. With respect to the Project, the
8 requirement for the compliance certification letter shall expire on the date the Project is
9 placed into operation. Notification of such filing with Docket Control shall be made to the
10 Board of Supervisors for Maricopa County, ASLD, all parties to this Docket, and all
11 parties who made a limited appearance in this Docket. [CEC 189]

12 19. ~~RE Papago~~APS shall provide a copy of this Certificate to the Board of
13 Supervisors for Maricopa County. [CEC 189]

14 20. Any transfer or assignment of this Certificate shall require the assignee or
15 successor to assume, in writing, all responsibilities of ~~RE Papago~~APS listed in this
16 Certificate and its conditions as required by A.R.S. § 40-360.08(A) and R14-3-213(F) of
17 the Arizona Administrative Code. [CEC 189]

18 21. In the event ~~RE Papago~~APS, its assignee, or successor seeks to modify the
19 Certificate terms at the Commission, it shall provide copies of such request to the Board
20 of Supervisors for Maricopa County, all parties to this Docket, and all parties who made
21 a limited appearance in this Docket. [CEC 189]

22 22. The Certificate Conditions shall be binding on ~~RE Papago~~APS, its
23 successors, assignee(s), and transferees and any affiliates, agents, or lessees of ~~RE~~
24 PapagoAPS who have a contractual relationship with ~~RE Papago~~APS concerning the
25 construction, operation, maintenance, or reclamation of the Project. ~~RE Papago~~APS shall
26 provide in any agreement(s) or lease(s) pertaining to the Project that the contracting parties
27 and/or lessee(s) shall be responsible for compliance with the Conditions set forth herein,
28 and ~~RE Papago~~APS's responsibilities with respect to compliance with such Conditions

1 shall not cease or be abated by reason of the fact that ~~RE Papago~~APS is not in control of
 2 or responsible for operation and maintenance of the Project facilities. [CEC 189]

3 23. ~~RE Papago shall use best efforts to reach, within thirty (30) days of approval~~
 4 ~~of this CEC by the Commission, a commercially reasonable agreement with Ellwood in~~
 5 ~~response to Ellwood’s request for easements necessary for Ellwood’s neighboring project~~
 6 ~~to connect to the Delaney Substation. [CEC 189]~~

7 24. ~~RE Papago shall provide the Commission Staff with copies of the~~
 8 ~~interconnection agreement(s) it ultimately enters into with any transmission provider(s)~~
 9 ~~in Arizona with whom it is interconnecting within thirty (30) days of execution of such~~
 10 ~~agreement(s), with the summary thereof filed at Docket Control, prior to const ruction of~~
 11 ~~such facilities. [CEC 189]~~

12 **FINDINGS OF FACT AND CONCLUSIONS OF LAW**

13 This Certificate incorporates the following Findings of Fact and Conclusions of
 14 Law:

15 1. The Project aids the state and the southwest region of the United States in
 16 meeting the need for an adequate, economical, and reliable supply of renewable electric
 17 power.

18 2. The Project aids the state, preserving a safe and reliable electric
 19 transmission system.

20 3. During the course of the hearing, the Committee considered evidence on
 21 the environmental compatibility on the Project as required by A.R.S. § 40-360 *et seq.*

22 4. The Project and the conditions placed on the Project in this Certificate
 23 effectively minimize the impact of the Project on the environment and ecology of the
 24 state.

25 5. The conditions placed on the Project in this Certificate resolve matters
 26 concerning balancing the need for the Project with its impact on the environment and
 27 ecology of the state arising during the course of the proceedings, and, as such, serve as
 28 findings and conclusions on such matters.

Preferred Route Corridor

The corridor begins at the Rudd to White Tanks transmission line with an 800-foot-wide corridor, including 700 feet to the north and 100 feet to the south of the northern access control line of I-10, then heads west along said access control line across the Agua Fria River, approximately 0.25 miles to the east boundary line of parcel 500-02-093.

The corridor then narrows to 300 feet wide, including 200 feet to the north and 100 feet to the south of said access control line, continuing west approximately 1.8 miles to the 143rd Avenue alignment.

The corridor then heads south approximately 0.1 miles as it crosses the I-10 and remains 300 feet wide. At this point the corridor proceeds west, including 200 feet to the south and 100 feet to the north of the access control line of I-10, approximately 0.5 miles to Bullard Avenue.

At this point the corridor widens to 400 feet, including 200 feet on each side of the centerline of Bullard Avenue, and proceeds south approximately 0.65 miles to Van Buren Street.

South of Van Buren Street, the corridor narrows to 200 feet wide with its eastern boundary coincident with the centerline of Bullard Avenue as it continues south for approximately 0.5 miles to the northern property line of APS's Bullard Substation, parcel 500-10-716G.

From this point, the corridor widens to 400 feet, with its southern boundary coincident with the northern property line of APS's Bullard Substation, parcel 500-10-716G, and heads west for approximately 0.3 miles.

At Bullard Avenue, the corridor is 300 feet wide as it heads east, including the south 150 feet of parcel 500-10-859 and the north 150 feet of parcel 500-09-436, approximately 0.38 miles to 143rd Avenue.

The corridor then narrows to 150 feet wide with its eastern boundary coincident with the centerline of 143rd Avenue as it proceeds north approximately 0.22 miles.

The corridor then widens to 300 feet, including the south 150 feet of parcel 500-10-731C and the north 150 feet of parcel 500-10-859, approximately 0.11 miles to the east boundary line of parcel 500-10-858.

At this point, the corridor narrows to 200 feet wide with its eastern boundary coincident with the centerline of 145th Avenue and proceeds north approximately 0.28 miles to Van Buren Street.

The corridor then narrows to 150 feet wide, with its southern boundary coincident with the centerline of Van Buren Street, and heads east approximately 2.08 miles to the east boundary line of parcel 500-02-013V.

The corridor then widens to 1,200 feet, with its southern boundary coincident with the centerline of Van Buren Street as it continues east, across the Agua Fria River, approximately 0.22 miles to the existing APS Rudd to White Tanks transmission line.

Three Rivers Transmission Line Project

Preferred Route Corridor

Project Features

-  Parcel Boundary
-  Proposed CEC Corridor
-  Three Rivers (TS16) Substation
-  Compass Datacenter Site
-  I-10 Access Control Line

Planned Transmission Facilities

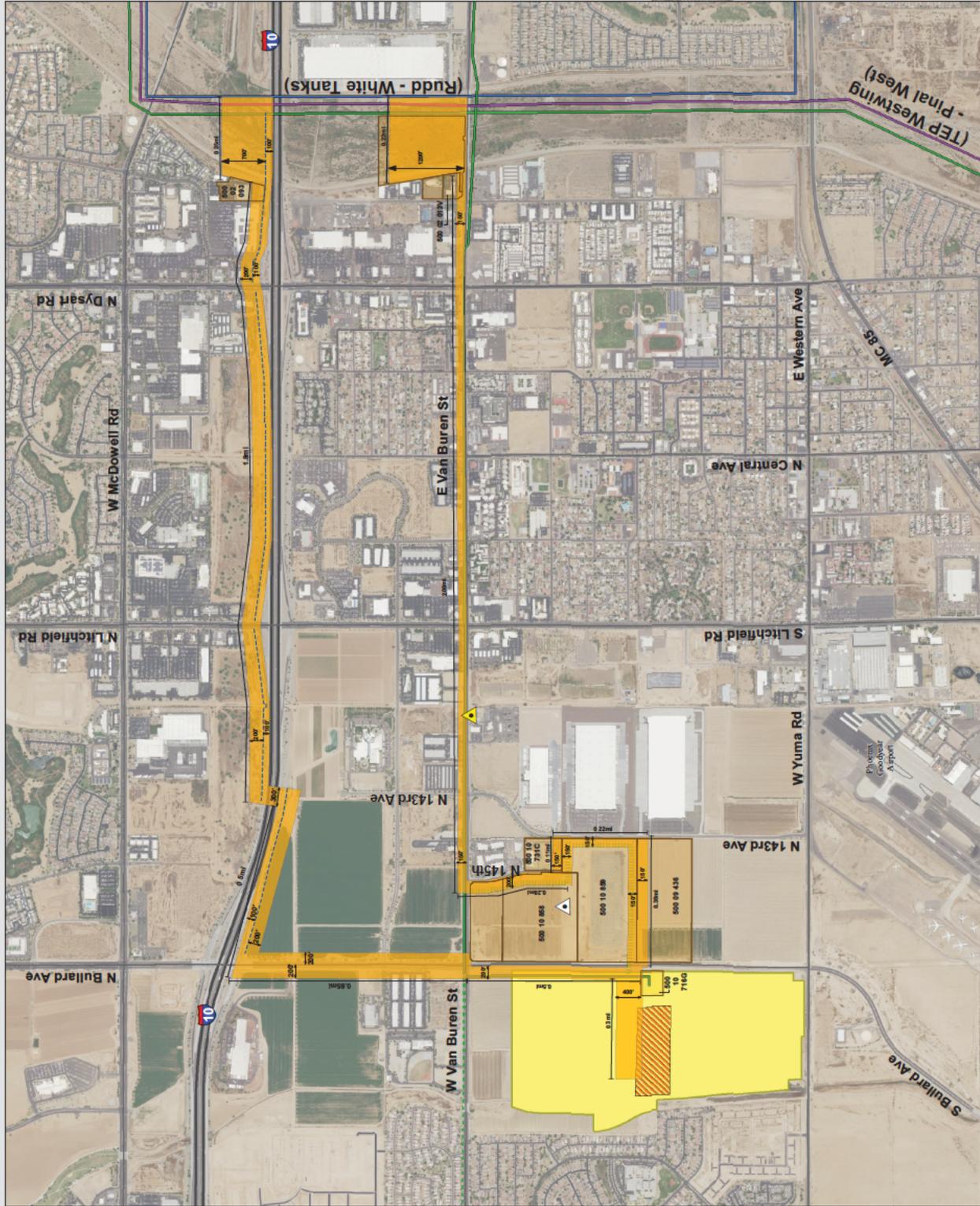
-  69kV Substation
-  69kV Line
-  Existing Single-Circuit 69kV Line to be rebuilt as Double-Circuit 69kV Line

Existing Transmission Facilities

-  69kV Substation
-  345kV Transmission Line
-  230kV Transmission Line
-  69kV Transmission Line



September 2021



DATE PLOTTED: 09/15/2021 10:58:00 AM. USER: C:\ADMIN\APRIL\PROJECTS\17\17-0001\17-0001.dwg. PLOT SCALE: 1"=100'



September 17, 2021

Mr. Paul Trenter
Regional Manager/Principal
Environmental Planning Group
4685 S Ash Ave , Suite H 4
Tempe, Arizona 85282

Electronically submitted to: [REDACTED]

RE: Arizona Public Service (APS) Application for a Certificate of Environmental Compatibility for the Three Rivers 230kV Power Line Project.

Dear Mr Trenter

The Arizona Game and Fish Department (Department) appreciates the opportunity to review the Arizona Public Service (APS) Application for a Certificate of Environmental Compatibility for the Three Rivers 230kV Power Line Project situated within the cities of Goodyear and Avondale. The Department understands that the project consists of two new single-circuit 230kV transmission lines between 3.5 and 4 miles in length that will connect the existing APS Rudd-White Tanks 230kV transmission line to the Three Rivers Substation (formerly TS16). The Project is anticipated to be constructed primarily with steel, monopole structures that will be a mix of single-circuit and double-circuit. The majority of the Preferred and Alternative Routes identified in the Application are situated along roadways that pass through urban developed lands (primarily industrial), as well as agricultural cropland. Both of the Preferred Routes also cross the Agua Fria River adjacent to existing roadway infrastructure.

Under Title 17 of the Arizona Revised Statutes, the Department, by and through the Arizona Game and Fish Commission (Commission), has jurisdictional authority and public trust responsibilities to protect and conserve the state fish and wildlife resources. In addition, the Department manages threatened and endangered species through authorities of Section 6 of the Endangered Species Act and the Department's 10(a)1(A) permit. It is the mission of the Department to conserve and protect Arizona's diverse fish and wildlife resources and manage for safe, compatible outdoor recreation opportunities for current and future generations. For your consideration, the Department provides the following comments based on the agency's statutory authorities, public trust responsibilities, and special expertise related to wildlife resources and recreation.

As noted in your application, the western burrowing owl (*Athene cunicularia hypugaea*), a special status species that is regulated under the Migratory Bird Treaty Act (MBTA), is known to occur in the vicinity of your project. The Department supports the application's recommendation

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5000 W. CAREFREE HIGHWAY, PHOENIX AZ 85086

for 1) qualified biologists to conduct pre-construction surveys for burrowing owls along the transmission line routes, in accordance with the *Burrowing Owl Project Clearance Guidance for Landowners*, 2) any burrows occupied by burrowing owls would be avoided if feasible, and 3) if burrowing owl relocation is necessary, it would be performed by a licensed wildlife rehabilitator. <https://www.azgfd.com/wildlife/speciesofgreatestconservneed/raptor-management/burrowing-owl-management/>

Based on the information presented in the application, the Department was unable to determine if transmission towers will need to be situated within the Agua Fria River, or if the line will simply span the river and connect to towers on either side. If work will be conducted within the river, please note that the Interstate 10 and Van Buren Street bridges over the river may be designed in such a way that they could potentially provide roosting habitat for bats underneath the bridges, and nesting habitat for swallows (*Petrochelidon* spp.) underneath and on the outer edges of the bridges. If construction will take place within the river in close proximity to the bridges, the Department recommends conducting a reconnaissance survey to determine if these bridges are structurally suitable to host bats¹ or swallows, and determine if these species or evidence of their use is present. If these species are present or may be using the bridges, please contact the Department for specific recommendations to avoid or minimize any effects that may occur.

Thank you for the opportunity to provide input on the APS Application for a Certificate of Environmental Compatibility for the Three Rivers 230kV Power Line Project. For further coordination, please contact Ginger Ritter at [REDACTED] or 623 236 7606.

Sincerely,



Cheri Bouchér
Project Evaluation Program Specialist

AGFD # M21-09081007

¹ Refer to Page 7 of the Bridge Guidelines

<https://s3.amazonaws.com/azgfd-portal-wordpress/PortalImages/files/wildlife/planningFor/wildlifeFriendlyGuidelines/BridgeGuidelines.pdf>

Arizona Environmental Online Review Tool Report



Arizona Game and Fish Department Mission

To conserve Arizona's diverse wildlife resources and manage for safe, compatible outdoor recreation opportunities for current and future generations.

Project Name:

APS Three Rivers 230kV Power Line Project- Preferred Route

Project Description:

The Project consists of two new single-circuit 230kV transmission lines, connecting the existing APS Rudd- White Tanks 230kV transmission line to the Three Rivers Substation (formerly TS16). While the Project is proposed to include two new single-circuit 230kV lines, APS is proposing construction of double-circuit 230kV lines in some locations including highway crossings to accommodate for future 230kV or 69kV lines, as needed, and the new 230kV lines entering and exiting the Three Rivers Substation. The Project is anticipated to be constructed primarily with steel, monopole structures that will be a mix of single-circuit and double-circuit. The exact size and type of structures to be used will depend on final design. Additional structure types may be warranted depending on specific route and site conditions.

Project Type:

Energy Storage/Production/Transfer, Energy Transfer, Power line/electric line (new)

Contact Person:

Cheri Boucher

Organization:

Arizona Game and Fish Department

On Behalf Of:

APS

Project ID:

HGIS-14461

Please review the entire report for project type and/or species recommendations for the location information entered. Please retain a copy for future reference.

Disclaimer:

1. This Environmental Review is based on the project study area that was entered. The report must be updated if the project study area, location, or the type of project changes.
2. This is a preliminary environmental screening tool. It is not a substitute for the potential knowledge gained by having a biologist conduct a field survey of the project area. This review is also not intended to replace environmental consultation (including federal consultation under the Endangered Species Act), land use permitting, or the Departments review of site-specific projects.
3. The Departments Heritage Data Management System (HDMS) data is not intended to include potential distribution of special status species. Arizona is large and diverse with plants, animals, and environmental conditions that are ever changing. Consequently, many areas may contain species that biologists do not know about or species previously noted in a particular area may no longer occur there. HDMS data contains information about species occurrences that have actually been reported to the Department. Not all of Arizona has been surveyed for special status species, and surveys that have been conducted have varied greatly in scope and intensity. Such surveys may reveal previously undocumented population of species of special concern.
4. HabiMap Arizona data, specifically Species of Greatest Conservation Need (SGCN) under our State Wildlife Action Plan (SWAP) and Species of Economic and Recreational Importance (SERI), represent potential species distribution models for the State of Arizona which are subject to ongoing change, modification and refinement. The status of a wildlife resource can change quickly, and the availability of new data will necessitate a refined assessment.

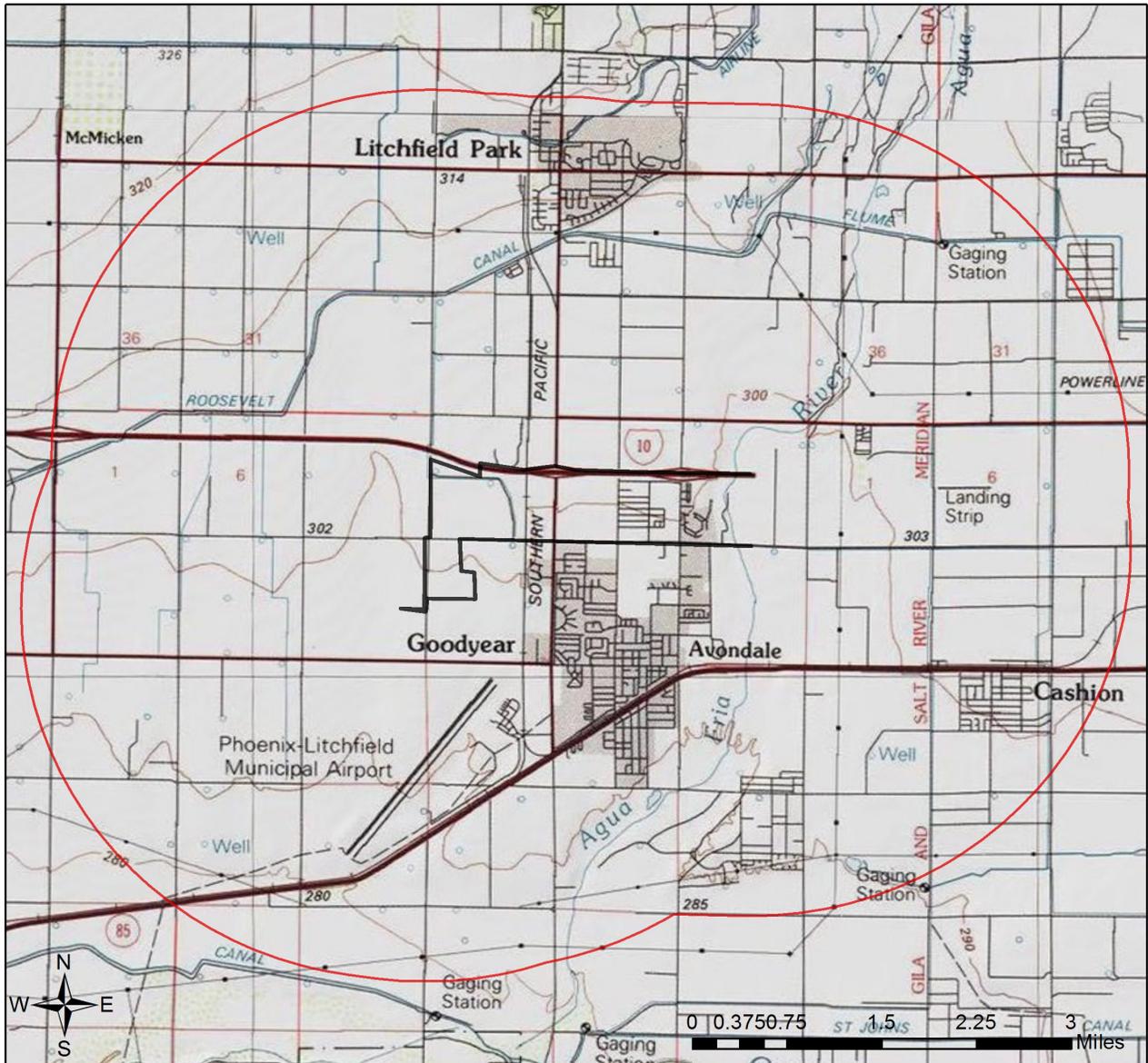
Locations Accuracy Disclaimer:

Project locations are assumed to be both precise and accurate for the purposes of environmental review. The creator/owner of the Project Review Report is solely responsible for the project location and thus the correctness of the Project Review Report content.

Recommendations Disclaimer:

1. The Department is interested in the conservation of all fish and wildlife resources, including those species listed in this report and those that may have not been documented within the project vicinity as well as other game and nongame wildlife.
2. Recommendations have been made by the Department, under authority of Arizona Revised Statutes Title 5 (Amusements and Sports), 17 (Game and Fish), and 28 (Transportation).
3. Potential impacts to fish and wildlife resources may be minimized or avoided by the recommendations generated from information submitted for your proposed project. These recommendations are preliminary in scope, designed to provide early considerations on all species of wildlife.
4. Making this information directly available does not substitute for the Department's review of project proposals, and should not decrease our opportunity to review and evaluate additional project information and/or new project proposals.
5. Further coordination with the Department requires the submittal of this Environmental Review Report with a cover letter and project plans or documentation that includes project narrative, acreage to be impacted, how construction or project activity(s) are to be accomplished, and project locality information (including site map). Once AGFD had received the information, please allow 30 days for completion of project reviews. Send requests to:
Project Evaluation Program, Habitat Branch
Arizona Game and Fish Department
5000 West Carefree Highway
Phoenix, Arizona 85086-5000
Phone Number: (623) 236-7600
Fax Number: (623) 236-7366
Or
PEP@azgfd.gov
6. Coordination may also be necessary under the National Environmental Policy Act (NEPA) and/or Endangered Species Act (ESA). Site specific recommendations may be proposed during further NEPA/ESA analysis or through coordination with affected agencies

APS Three Rivers 230kV Power Line Project- Preferred Route USA Topo Basemap With Locator Map



- Project Boundary
- Buffered Project Boundary

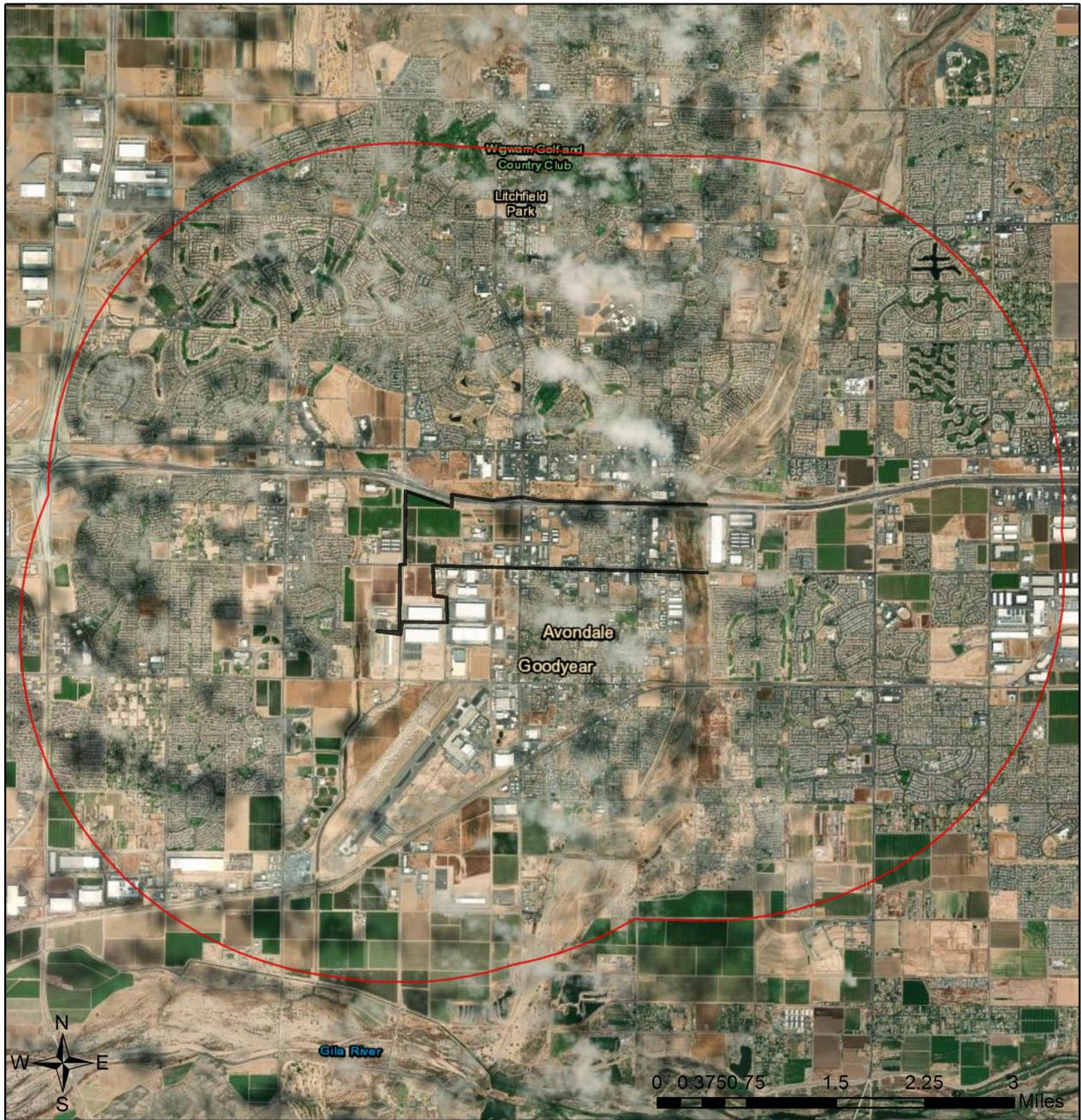
Project Size (acres): 59.40
 Lat/Long (DD): 33.4497 / -112.3550
 County(s): Maricopa
 AGFD Region(s): Mesa
 Township/Range(s): T1N, R1W
 USGS Quad(s): PERRYVILLE; TOLLESON

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap



APS Three Rivers 230kV Power Line Project- Preferred Route

Web Map As Submitted By User



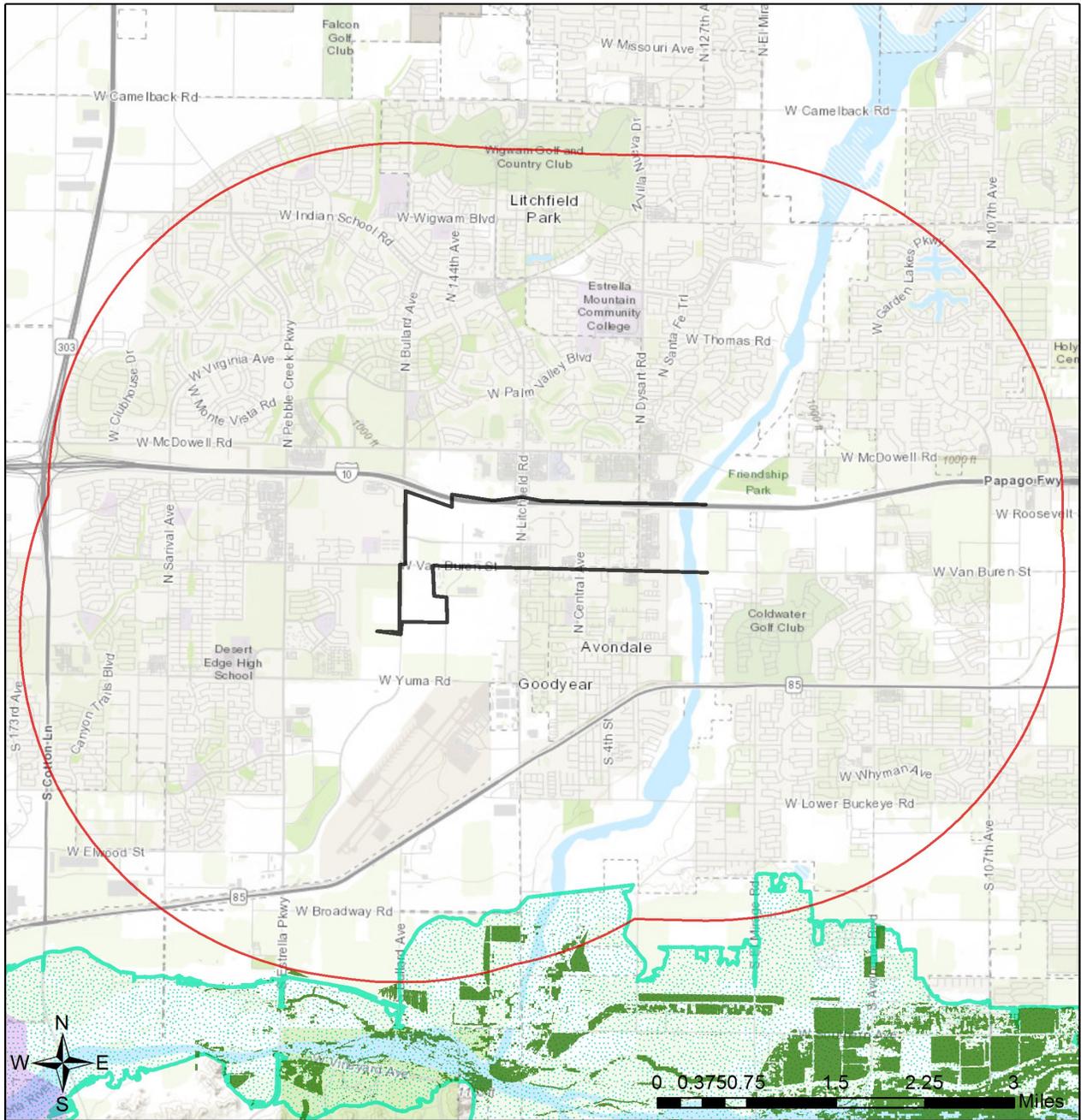
- Project Boundary
- Buffered Project Boundary

Project Size (acres): 59.40
Lat/Long (DD): 33.4497 / -112.3550
County(s): Maricopa
AGFD Region(s): Mesa
Township/Range(s): T1N, R1W
USGS Quad(s): PERRYVILLE; TOLLESON

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

APS Three Rivers 230kV Power Line Project- Preferred Route

Important Areas



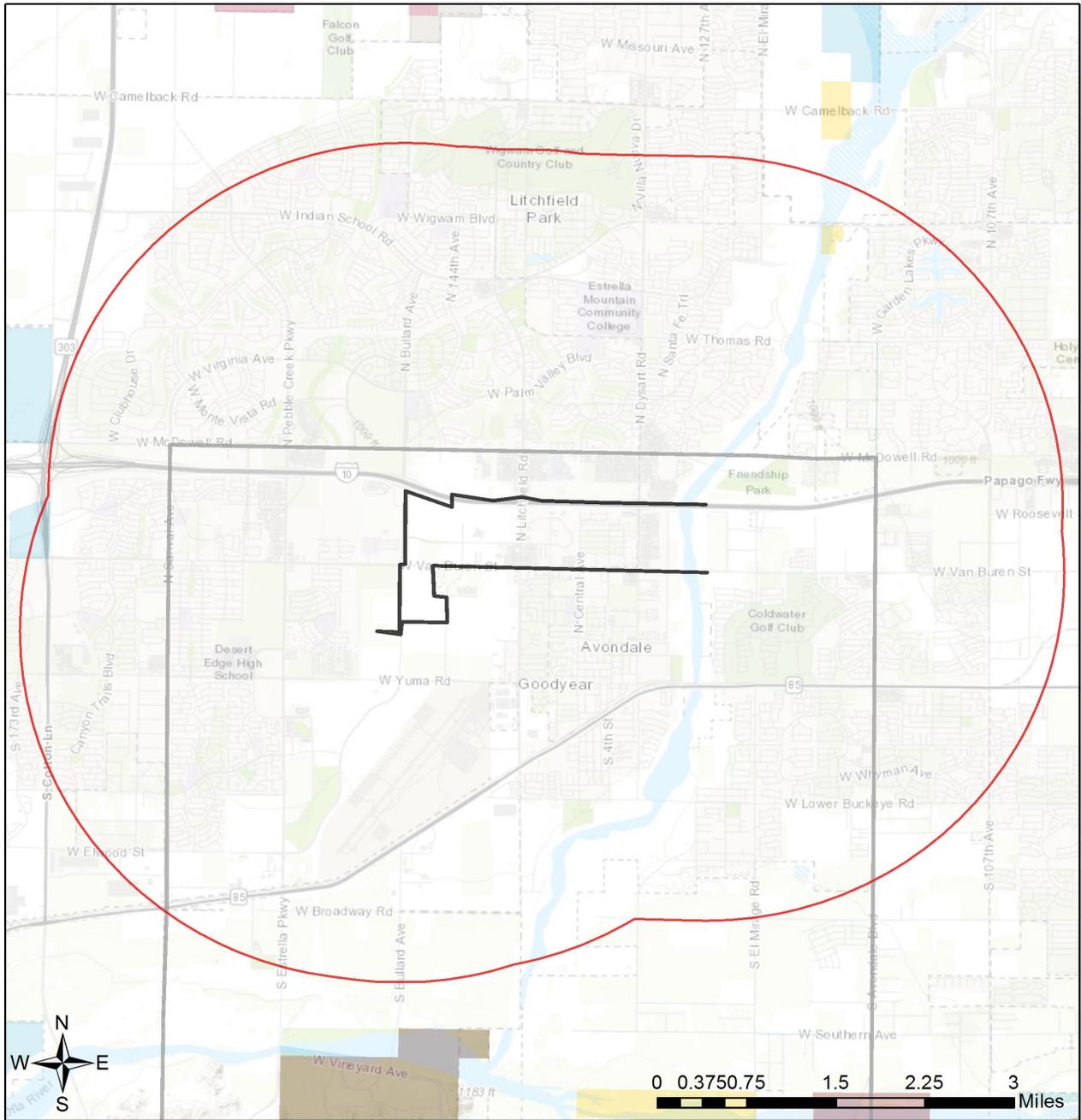
- Project Boundary
- Buffered Project Boundary
- Wildlife Connectivity
- Important Connectivity Zones
- Pinal County Riparian
- Critical Habitat
- Important Bird Areas

Project Size (acres): 59.40
 Lat/Long (DD): 33.4497 / -112.3550
 County(s): Maricopa
 AGFD Region(s): Mesa
 Township/Range(s): T1N, R1W
 USGS Quad(s): PERRYVILLE; TOLLESON

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

APS Three Rivers 230kV Power Line Project- Preferred Route

Township/Ranges and Land Ownership



- | | |
|---------------------------|------------------------|
| Project Boundary | Military |
| Buffered Project Boundary | Mixed/Other |
| Township/Ranges | National Park/Mon. |
| Land Ownership | |
| AZ Game & Fish Dept. | State & Regional Parks |
| BLM | State Trust |
| BOR | US Forest Service |
| Indian Res. | Wildlife Area/Refuge |
| | Private |

Project Size (acres): 59.40
 Lat/Long (DD): 33.4497 / -112.3550
 County(s): Maricopa
 AGFD Region(s): Mesa
 Township/Range(s): T1N, R1W
 USGS Quad(s): PERRYVILLE; TOLLESON

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Special Status Species Documented within 3 Miles of Project Vicinity

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
<i>Athene cunicularia hypugaea</i>	Western Burrowing Owl	SC	S	S		1B
<i>Danaus plexippus</i>	Monarch	C		S		
<i>Haliaeetus leucocephalus</i> pop. 3	Bald Eagle - Sonoran Desert Population	SC, BGA	S	S		1A
<i>Rallus obsoletus yumanensis</i>	Yuma Ridgway's Rail	LE		S		1A

Note: Status code definitions can be found at <https://www.azgfd.com/wildlife/planning/wildlifeguidelines/statusdefinitions/>

Special Areas Documented that Intersect with Project Footprint as Drawn

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Agua Fria River (lower)	Maricopa County Wildlife Movement Area - Riparian/Wash					

Note: Status code definitions can be found at <https://www.azgfd.com/wildlife/planning/wildlifeguidelines/statusdefinitions/>

Species of Greatest Conservation Need Predicted that Intersect with Project Footprint as Drawn, based on Predicted Range Models

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
<i>Aix sponsa</i>	Wood Duck					1B
<i>Ammospermophilus harrisi</i>	Harris' Antelope Squirrel					1B
<i>Anaxyrus microscaphus</i>	Arizona Toad	SC		S		1B
<i>Athene cunicularia hypugaea</i>	Western Burrowing Owl	SC	S	S		1B
<i>Botaurus lentiginosus</i>	American Bittern					1B
<i>Buteo regalis</i>	Ferruginous Hawk	SC		S		1B
<i>Calypte costae</i>	Costa's Hummingbird					1C
<i>Castor canadensis</i>	American Beaver					1B
<i>Chilomeniscus stramineus</i>	Variable Sandsnake					1B
<i>Chionactis annulata</i>	Resplendent Shovel-nosed Snake	SC				1C
<i>Cistothorus palustris</i>	Marsh Wren					1C
<i>Colaptes chrysoides</i>	Gilded Flicker			S		1B
<i>Corynorhinus townsendii pallescens</i>	Pale Townsend's Big-eared Bat	SC	S	S		1B
<i>Crotalus tigris</i>	Tiger Rattlesnake					1B
<i>Empidonax wrightii</i>	Gray Flycatcher					1C
<i>Euderma maculatum</i>	Spotted Bat	SC	S	S		1B
<i>Eumops perotis californicus</i>	Greater Western Bonneted Bat	SC		S		1B
<i>Gopherus morafkai</i>	Sonoran Desert Tortoise	C	S	S		1A
<i>Haliaeetus leucocephalus</i>	Bald Eagle	SC, BGA	S	S		1A
<i>Heloderma suspectum</i>	Gila Monster					1A
<i>Incilius alvarius</i>	Sonoran Desert Toad					1B

Species of Greatest Conservation Need Predicted that Intersect with Project Footprint as Drawn, based on Predicted Range Models

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Kinosternon sonoriense sonoriense	Desert Mud Turtle			S		1B
Lasiurus blossevillii	Western Red Bat		S			1B
Lasiurus xanthinus	Western Yellow Bat		S			1B
Lithobates yavapaiensis	Lowland Leopard Frog	SC	S	S		1A
Macrotus californicus	California Leaf-nosed Bat	SC		S		1B
Melanerpes uropygialis	Gila Woodpecker					1B
Melospiza lincolni	Lincoln's Sparrow					1B
Melospiza aberti	Abert's Towhee		S			1B
Micrathene whitneyi	Elf Owl					1C
Micruroides euryxanthus	Sonoran Coralsnake					1B
Myiarchus tyrannulus	Brown-crested Flycatcher					1C
Myotis occultus	Arizona Myotis	SC		S		1B
Myotis velifer	Cave Myotis	SC		S		1B
Myotis yumanensis	Yuma Myotis	SC				1B
Nyctinomops femorosaccus	Pocketed Free-tailed Bat					1B
Oreoscoptes montanus	Sage Thrasher					1C
Oreothlypis luciae	Lucy's Warbler					1C
Passerculus sandwichensis	Savannah Sparrow					1B
Perognathus longimembris	Little Pocket Mouse	No Status				1B
Phrynosoma solare	Regal Horned Lizard					1B
Rallus obsoletus yumanensis	Yuma Ridgway's Rail	LE				1A
Setophaga petechia	Yellow Warbler					1B
Sphyrapicus nuchalis	Red-naped Sapsucker					1C
Spizella breweri	Brewer's Sparrow					1C
Sturnella magna	Eastern Meadowlark					1C
Tadarida brasiliensis	Brazilian Free-tailed Bat					1B
Toxostoma lecontei	LeConte's Thrasher			S		1B
Troglodytes pacificus	Pacific Wren					1B
Vireo bellii arizonae	Arizona Bell's Vireo					1B
Vulpes macrotis	Kit Fox	No Status				1B

Species of Economic and Recreation Importance Predicted that Intersect with Project Footprint as Drawn

Scientific Name	Common Name	FWS	USFS	BLM	NPL	SGCN
Callipepla gambelii	Gambel's Quail					
Zenaida asiatica	White-winged Dove					
Zenaida macroura	Mourning Dove					

Project Type: Energy Storage/Production/Transfer, Energy Transfer, Power line/electric line (new)

Project Type Recommendations:

Minimize the potential introduction or spread of exotic invasive species, including aquatic and terrestrial plants, animals, insects and pathogens. Precautions should be taken to wash and/or decontaminate all equipment utilized in the project activities before entering and leaving the site. See the Arizona Department of Agriculture website for a list of prohibited and restricted noxious weeds at <https://www.invasivespeciesinfo.gov/unitedstates/az.shtml> and the Arizona Native Plant Society <https://aznps.com/invas> for recommendations on how to control. To view a list of documented invasive species or to report invasive species in or near your project area visit iMapInvasives - a national cloud-based application for tracking and managing invasive species at <https://imap.natureserve.org/imap/services/page/map.html>.

- To build a list: zoom to your area of interest, use the identify/measure tool to draw a polygon around your area of interest, and select "See What's Here" for a list of reported species. To export the list, you must have an account and be logged in. You can then use the export tool to draw a boundary and export the records in a csv file.

The Department recommends that wildlife surveys are conducted to determine if noise-sensitive species occur within the project area. Avoidance or minimization measures could include conducting project activities outside of breeding seasons.

For any powerlines built, proper design and construction of the transmission line is necessary to prevent or minimize risk of electrocution of raptors, owls, vultures, and golden or bald eagles, which are protected under state and federal laws. Limit project activities during the breeding season for birds, generally March through late August, depending on species in the local area (raptors breed in early February through May). Conduct avian surveys to determine bird species that may be utilizing the area and develop a plan to avoid disturbance during the nesting season. For underground powerlines, trenches should be covered or back-filled as soon as possible. Incorporate escape ramps in ditches or fencing along the perimeter to deter small mammals and herptef fauna (snakes, lizards, tortoise) from entering ditches. In addition, indirect affects to wildlife due to construction (timing of activity, clearing of rights-of-way, associated bridges and culverts, affects to wetlands, fences) should also be considered and mitigated.

Based on the project type entered, coordination with State Historic Preservation Office may be required (<http://azstateparks.com/SHPO/index.html>).

Based on the project type entered, coordination with U.S. Fish and Wildlife Service (Migratory Bird Treaty Act) may be required (<http://www.fws.gov/southwest/es/arizona/>).

Vegetation restoration projects (including treatments of invasive or exotic species) should have a completed site-evaluation plan (identifying environmental conditions necessary to re-establish native vegetation), a revegetation plan (species, density, method of establishment), a short and long-term monitoring plan, including adaptive management guidelines to address needs for replacement vegetation.

Project Location and/or Species Recommendations:

Analysis indicates that your project is located in the vicinity of an identified **wildlife habitat connectivity feature**. The **County-level Stakeholder Assessments** contain five categories of data (Barrier/Development, Wildlife Crossing Area, Wildlife Movement Area- Diffuse, Wildlife movement Area- Landscape, Wildlife Movement Area- Riparian/Washes) that provide a context of select anthropogenic barriers, and potential connectivity. The reports provide recommendations for opportunities to preserve or enhance permeability. Project planning and implementation efforts should focus on maintaining and improving opportunities for wildlife permeability. For information pertaining to the linkage assessment and wildlife species that may be affected, please refer to: <https://www.azgfd.com/wildlife/planning/habitatconnectivity/identifying-corridors/>.

Please contact the Project Evaluation Program (pep@azgfd.gov) for specific project recommendations.

HDMS records indicate that one or more **Listed, Proposed, or Candidate** species or **Critical Habitat** (Designated or Proposed) have been documented in the vicinity of your project. The Endangered Species Act (ESA) gives the US Fish and Wildlife Service (USFWS) regulatory authority over all federally listed species. Please contact USFWS Ecological Services Offices at <http://www.fws.gov/southwest/es/arizona/> or:

Phoenix Main Office

9828 North 31st Avenue #C3
Phoenix, AZ 85051-2517
Phone: 602-242-0210
Fax: 602-242-2513

Tucson Sub-Office

201 N. Bonita Suite 141
Tucson, AZ 85745
Phone: 520-670-6144
Fax: 520-670-6155

Flagstaff Sub-Office

SW Forest Science Complex
2500 S. Pine Knoll Dr.
Flagstaff, AZ 86001
Phone: 928-556-2157
Fax: 928-556-2121

HDMS records indicate that **Western Burrowing Owls** have been documented within the vicinity of your project area. Please review the western burrowing owl resource page at:

<https://www.azgfd.com/wildlife/speciesofgreatestconservneed/burrowingowlmanagement/>.



APS and EPG will be filing the previously provided AGFD review letter into the project's record with the ACC, and would appreciate the chance to include any additional response or comments you may provide (even if by email), this week if possible. Thank you!

David Kahrs

David Kahrs
Senior Scientist | Environmental
Environmental Planning Group, A Terracon Company
4685 S Ash Ave, St H-4 I Tempe, AZ 85282
M (520) 241 9787
[REDACTED] [epgllc.co | terracon.com](mailto:epgllc.co@terracon.com)

From: Cheri Boucher <[REDACTED]>
Sent: Thursday, September 16, 2021 9:39 AM
To: Trenter, Paul <[REDACTED]>
Cc: O'Neil, Teresa <[REDACTED]>; Project Evaluation Program - Game and Fish <[REDACTED]>
Subject: AZGFD Review of the APS Three Rivers CEC Application No: L-00000D-21-0292-00193

Mr Trenter,
The Department's response to your Project Evaluation Request for the APS Three Rivers CEC Application (No: L-00000D-21-0292-00193) is attached.

Please feel free to call or email with any questions.
Thank you,
CHERI BOUCHER | PROJECT EVALUATION PROGRAM SPECIALIST

ARIZONA GAME AND FISH DEPARTMENT
OFFICE: 623-236-7615
EMAIL: [REDACTED]
azgfd.gov | 5000 W Carefree Highway, Phoenix, AZ 85086

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Private and confidential as detailed here (www.terracon.com/disclaimer). If you cannot access the hyperlink, please e-mail sender.

From: Cheri Boucher

Sent: Thursday, September 23, 2021 3:41 PM

To: Kahrs, David

Cc: [gritter](#) ; Trenter, Paul Tracy McCarthey

Subject: Re: AZGFD Review of the APS Three Rivers CEC Application No: L-00000D-21-0292-00193

Hi David,

Thank you for the memo and the investigation into wildlife species that may inhabit the bridges. Given the height of the built transmission line, we wouldn't have concerns about the operation of the line.

During construction, if you end up needing to construct a tower within the Agua Fria River during the swallow breeding season (March -July), and the tower or construction equipment is situated within 100 feet of the bridges, I recommend contacting our Avian Coordinator, Tracy McCarthey to determine if any conservation measures would be necessary. An example of a conservation measure might be to remove the old nests from the bridge before the swallows migrate back to Arizona to start nesting, just to ensure that disturbance (noise and vibration) from construction doesn't cause the swallows to abandon their nests.

Don't hesitate to contact me with any questions or concerns,

Thank you,

CHERI BOUCHÉ | PROJECT EVALUATION PROGRAM SPECIALIST

ARIZONA GAME AND FISH DEPARTMENT

OFFICE: 623-236-7615

EMAIL:

azgfd.gov | 5000 W. Carefree Highway, Phoenix, AZ 85086

Join our new [Conservation Membership](#) program and ensure a wildlife legacy for the future.

On Tue, Sep 21, 2021 at 2:53 PM Kahrs, David

wrote:

Hi Ginger and Cheri,

Following our conversation earlier today (with Ginger), please see the attached memo describing the results of an initial reconnaissance survey at the Van Buren Street and Interstate 10 bridges over the Agua Fria River near the proposed Three Rivers alternatives. In brief, signs of swallow nesting are present on both bridges, but no signs of bat use could be confirmed.

APS and EPG will be filing the previously provided AGFD review letter into the project's record with the ACC, and would appreciate the chance to include any additional response or comments you may provide (even if by email), this week if possible. Thank you!

David Kahrs

David Kahrs
Senior Scientist | Environmental
Environmental Planning Group, A Terracon Company

4685 S Ash Ave, St H-4 | Tempe, AZ 85282

M (520) 241 9787

| epgllc.co | terracon.com

From: Cheri Boucher
Sent: Thursday, September 16, 2021 9:39 AM
To: Trenter, Paul
Cc: O'Neil, Teresa ; Project Evaluation Program - Game and Fish

Subject: AZGFD Review of the APS Three Rivers CEC Application No: L-00000D-21-0292-00193

Mr Trenter,
The Department's response to your Project Evaluation Request for the APS Three Rivers CEC Application (No: L-00000D-21-0292-00193) is attached.

Please feel free to call or email with any questions.

Thank you,

CHERI BOUCHÉ | PROJECT EVALUATION PROGRAM SPECIALIST

ARIZONA GAME AND FISH DEPARTMENT

OFFICE: 623-236-7615

EMAIL:

azgfd.gov | 5000 W. Carefree Highway, Phoenix, AZ 85086

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O'Neil, Teresa

From: David Jacobs [REDACTED]
Sent: Wednesday, September 8, 2021 9:46 AM
To: O'Neil, Teresa
Subject: APS Three Rivers CEC application

Teresa-

Thank you for sending a copy of the CEC application for review. We concur with the discussion, conclusions, and recommendations on pages E-6 through E-8 regarding cultural resources. Please send our office the Case # when it is assigned for the project.

David Jacobs, Arizona State Historic Preservation Office

From: [Wynette Reed](#)
 To: [Perry, Jessica](#)
 Cc: [Ginna Carico](#); [Eich, Stephen K](#); [Nathan Torres](#)
 Subject: RE: Wellspring Park
 Date: Thursday, August 26, 2021 10:39:37 AM
 Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)

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Hey Jessica,

We no longer call it Wellspring Park and there are no plans at this time for developing that area. The Wellspring Park Board no longer exists either. I've copied Nathan in case I've missed something.

Wynette Reed
 Deputy City Manager
 City Manager's Office
 City of Goodyear, Arizona
 190 N Litchfield Road
 Goodyear, AZ 85338

v 623-882-7058 m 623-696-7675
 w goodyearaz.gov
 e [REDACTED]



From: Jessica.Perry@aps.com <[REDACTED]>
 Sent: Thursday, August 26, 2021 10:36 AM
 To: Wynette Reed <[REDACTED]>
 Cc: Ginna Carico <[REDACTED]>; Stephen.Eich@[REDACTED]
 Subject: Wellspring Park

⚠ This email arrived from an external source - Please exercise caution when opening any attachments or clicking on links

Hi Wynette,

The Three Rivers 230kV hearing will be here before we know it and Stephen is in the process of preparing our presentation for the Transmission Line Siting Committee. We wanted to verify that our information regarding the timing of Wellspring Park is accurate before including any information within the presentation or addressing any questions from the committee. Would you mind confirming the following information:

The conceptually planned Wellspring Park located on the north side of the I-10 in Goodyear is a long-term vision for the city-owned two-mile-long strip of land. Currently there is no planned timeline or investment being made to develop the property into the health and wellness park.

Please let me know if I've misspoke based on past conversation.

Thank you!
 Jess

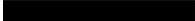


JESSICA PERRY

Public Affairs Manager

400 N. 5th Street, M.S. 8010, Phoenix, AZ 85004

Tel 602-250-2784 Cell 623-696-6217

 aps.com

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COMMISSIONERS
Lea Márquez Peterson - Chairwoman
Sandra D. Kennedy
Justin Olson
Anna Tovar
Jim O'Connor



Utilities Division Director

ARIZONA CORPORATION COMMISSION

September 27, 2021

Mr. Thomas K Chenal, Chairman
Arizona Power Plant and
Transmission Line Siting Committee
Assistant Arizona Attorney General
2005 North Central Avenue
Phoenix, Arizona 85004-1592

Arizona Corporation Commission

DOCKETED

SEP 27 2021

DOCKETED BY

AZ CORP COMMISSION
DOCKET CONTROL

2021 SEP 27 A 10:23

RECEIVED

RE: Three Rivers 230 kV Transmission Line Project
Line Siting Application 193
Docket Control No. L-00000D-21-0292-00193

Dear Chairman Chenal:

On August 30, 2021, Arizona Corporation Commission (“ACC” or “Commission”) Utilities Division Staff (“Staff”) received your letter regarding Arizona Public Service Company’s (“APS” or “Applicant”) Application for the issuance of Certificate of Environmental Compatibility (“CEC”) for the Three Rivers 230 kilovolt (“kV”) Power Line Project (“Project”) to construct two new single-circuit 230 kV transmission lines in Maricopa County, Arizona.

This letter is Staff’s response addressing the question of whether the proposed project improves the reliability and/or safety of the operation of the grid and the delivery of power in Arizona and other legal or technical issues relevant to your statutory review.

PROJECT DESCRIPTION

On August 24, 2021, the Applicant filed an Application for the issuance of a CEC for its Three Rivers 230 kV Power Line Project. The Project consists of two single-circuit 230 kV transmission lines that will connect the existing APS Rudd-White Tanks 230 kV transmission line to the Three Rivers Substation. Although the Project proposes the construction of two single-circuit 230 kV lines, APS is proposing the construction of double-circuit lines in some locations, including highway crossings to accommodate for future 230 kV or 69 kV lines, and the new 230 kV entering and exiting the Three Rivers Substation.

The Project will provide service to a new datacenter located on privately owned property under the jurisdiction of the City of Goodyear, which will require 360 Megawatts (“MW”) of power when completed. The initial development phase of the datacenter is receiving electricity temporarily from a 69 kV line from the Three Rivers Substation. The Project, which will begin

construction in 2022 with an expected in-service date of 2023, will deliver power from the Rudd-White Tanks transmission line to the datacenter via the Three Rivers Substation. This substation will be located on the customer's site and will be owned and operated by APS. APS plans to serve the only data center from this substation.

The Applicant and its consultant, Environmental Planning Group ("EPG"), developed a process to identify environmentally compatible routes for the Project. An approximate 27 square-mile area surrounding the datacenter was examined, identifying opportunities to co-locate the transmission lines along existing transmission lines, distribution lines, or roadways, to avoid environmentally sensitive areas, and to minimize impacts to landowners. This evaluation identified more than 100 options. After further study, APS and EPG developed a total of three routes: The Preferred Route and two alternative routes, all within the City of Goodyear and the City of Avondale.

The Preferred Route, with a total length of approximately 7.55 miles, would consist of a system with two separate 230 kV transmission lines, both connecting the Rudd-White Tanks 230 kV transmission line with the Three Rivers Substation. The first transmission line would have its origin at the northeast corner of the Interstate 10 ("I-10") crossing of Agua Fria, where it would connect to the Rudd-White Tanks 230 kV transmission line. The route would continue west for approximately two miles, where it would cross to the south side of I-10, continue west until North Bullard Avenue, and then head south. Once the route crosses West Van Buren Street, it would continue south along the west side of North Bullard Avenue, co-located with an existing APS 69 kV transmission line, for approximately 0.5 miles. The route would then head west and connect into the northern side of the Three Rivers Substation. The second transmission line would originate at the Three Rivers Substation, and would be the second circuit on the 230 kV poles of the first line previously discussed. The line would then head east, along the north side of the substation for approximately 0.15 miles, then separate from the 230 kV structures of the first line and cross North Bullard Avenue, where it would be co-located with a planned 69 kV subtransmission line. It will continue north to East Van Buren Street, where it would head west, co-located with an existing APS 69 kV subtransmission line for about 2.3 miles, and connect with the Rudd-White Tanks transmission line.

The Preferred Route would minimize the number of private landowners affected directly by the project, will comply with Arizona Department of Transportation ("ADOT") controlled access plans and the Federal Aviation Administration ("FAA") requirements associated with Phoenix Goodyear Airport, and is supported by the City of Goodyear. This route would be consistent with designated growth and redevelopment area plans for the Cities of Goodyear and Avondale.

The Project was included in Technical Study Reports performed by APS for their Ten-Year Transmission System Plan for years 2019-2028, 2020-2029 and 2021-2030. From those studies, the project will neither improve nor negatively impact the reliability of the grid, as the reliability of the 230 kV system, as well as the underlying 69 kV system, is maintained with this project.

CONCLUSIONS AND RECOMMENDATIONS

Based on Staff's review of the Application, as well as the Applicant's response to Staff's issued data request, Staff believes that the reliability and safety of the grid would be maintained with the proposed 230 kV transmission line.

Staff recommends inclusion, as a condition to any CEC the Line Siting Committee may issue, of the standard cathodic study condition to evaluate the risk to any existing natural gas or hazardous liquid pipelines as follows:

When project facilities are located parallel to and within 100 feet of any existing natural gas or hazardous liquid pipeline, the Applicant shall:

- (a) Ensure grounding and cathodic protection studies are performed to show that the project's location, parallel to and within 100 feet of such pipeline, results in no material adverse impacts to the pipeline or to public safety, when both the pipeline and the project are in operation. The Applicant shall take appropriate steps to ensure that any material adverse impacts are mitigated. The Applicant shall provide to Staff and file with Docket Control, a copy of the studies performed and additional mitigation if any, that was implemented as part of its annual compliance-certification letter, and
- (b) Ensure that studies are taken during an outage simulation of the project, that may be caused by the collocation of the project parallel to and within 100 feet of the existing natural gas or hazardous liquid pipeline. The studies should either:
 - i) show that such simulated outage does not result in customer outages, or
 - ii) include operating plans to minimize any resulting customer outages. The Applicant shall provide a copy of the study results to Staff and file with Docket Control as part of its annual compliance-certification letter.

If there are any questions, please contact me at (602) 542-6935, or Teresa Brown at (602) 542-0828.

Sincerely,



Elijah O. Abinah
Director
Utilities Division

Cc: Docket Control

Arizona Public Service Company
Docket No. L-00000D-21-0292-00193
Page 4

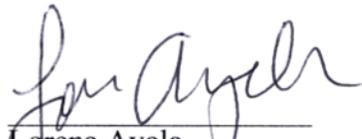
On this 27th day of September, 2021, the foregoing document was filed with Docket Control as a Utilities Division Correspondence, and copies of the foregoing were mailed on behalf of the Utilities Division to the following who have not consented to email service. On this date or as soon as possible thereafter, the Commission's eDocket program will automatically email a link to the foregoing to the following who have consented to email service.

J. Matthew Derstine
Snell & Wilmer L.L.P
400 East Van Buren Street
Phoenix, Arizona 85004

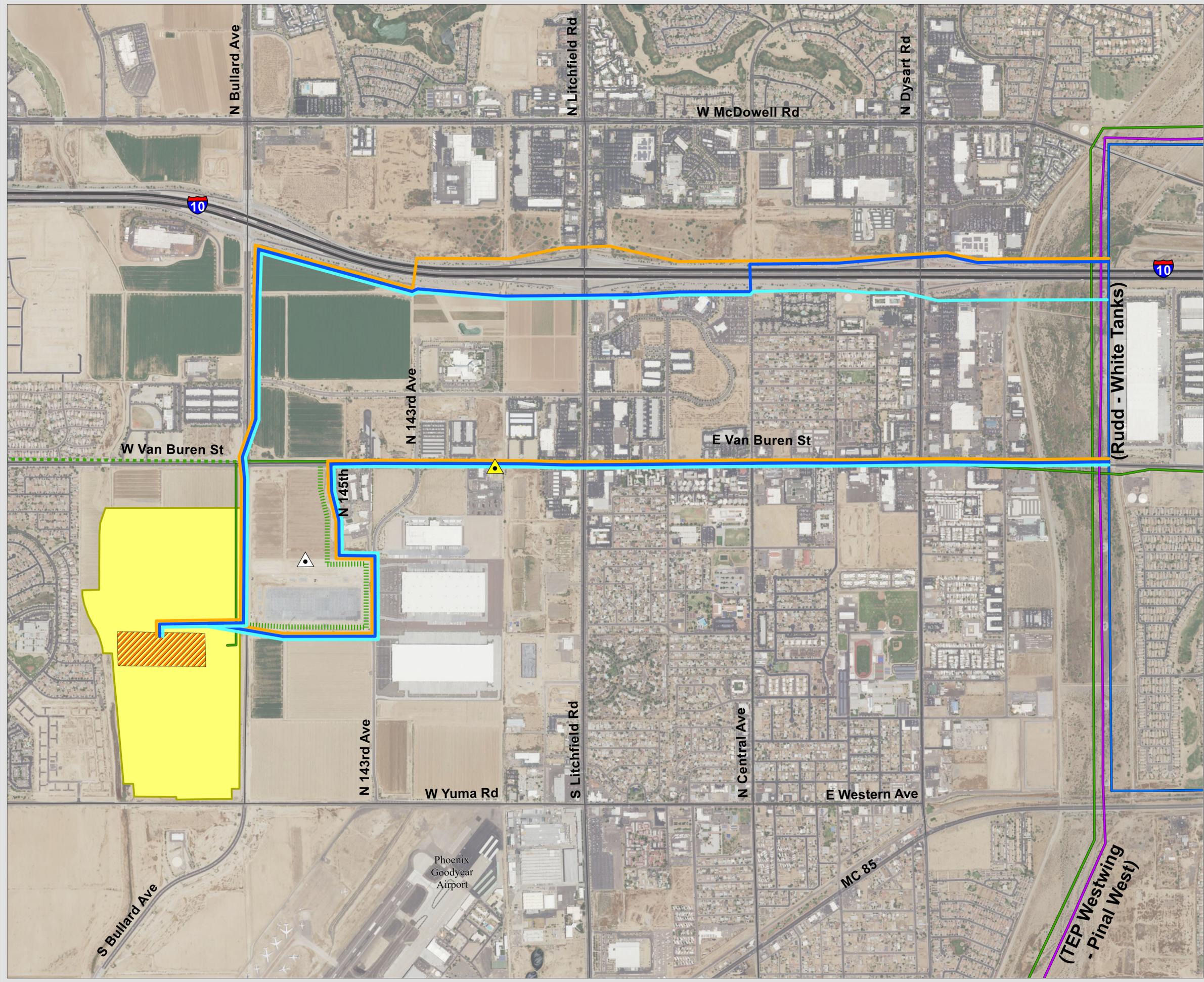
Linda J. Benally
Pinnacle West Capital Corporation
400 North 5th Street, Mail Stop 8695
Phoenix, Arizona 85004

Robin Mitchell
Director/Chief Counsel, Legal Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007
legaldiv@azcc.gov
utildivservicebyemail@azcc.gov
Consented to Service by Email

By:


Lorena Ayala
Administrative Assistant I

Three Rivers Transmission Line Project



Project Features

-  230kV Transmission Line, Preferred Route
-  230kV Transmission Line, Alternative Route #1
-  230kV Transmission Line, Alternative Route #2
-  Three Rivers (TS16) Substation
-  Compass Datacenter Site

Planned Transmission Facilities

-  69kV Substation
-  69kV Line
-  Existing Single-Circuit 69kV Line to be rebuilt as Double-Circuit 69kV Line

Existing Transmission Facilities

-  69kV Substation
-  345kV Transmission Line
-  230kV Transmission Line
-  69kV Transmission Line



September 2021



SEP 24 2021



Our True North: *Safely Home*

Douglas A. Ducey, Governor
John S. Halikowski, Director

September 21, 2021

Utilities Division - Docket Control
Arizona Corporation Commission
1200 West Washington St
Phoenix, AZ 85007

Subject: Three Rivers 230 kV Transmission Line Project
Line Siting Application 193
Docket Control# L-00000D-21-0292-00193

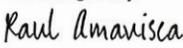
Dear Arizona Power Plant and Transmission Line Siting Committee:

I would like to thank you for keeping us in the loop with regards to the Three Rivers 230kV Transmission Line Project. This project is adjacent to an ADOT highway and or within ADOT Right of way.

Upon initial review, ADOT would like to relay that we would not allow a longitudinal installation within our I-10 right of way. Currently we have no other comments but we reserve the right to review and comment on any project plans as to any impact they may have on the State Highway System.

We appreciate receiving the notice, and the opportunity to review and comment. I am happy to assist with any other questions or concerns.

Sincerely,

DocuSigned by:

85F5D3465746427...

Raul Amavisca, PE
Engineering Administrator

