

EXHIBIT A PROJECT LOCATION AND LAND USE

As stated in Arizona Administrative Code R14-3-219:

Where commercially available, a topographic map, 1:250,000 scale, showing any proposed transmission line route of more than 50 miles in length and the adjacent area. For routes of less than 50 miles in length, use a scale of 1:62,500. If application is made for alternative transmission line routes, all routes may be shown on the same map, if practicable, designated by applicant's order of preference.

Where commercially available, a topographic map, 1:62,500 scale, of each proposed transmission line route of more than 50 miles in length showing that portion of the route within two miles of any subdivided area. The general land use plan within the area shall be shown on a 1:62,500 map, which shall also show the areas of jurisdiction affected and any boundaries between such areas of jurisdiction. If the general land use plan is uniform throughout the area depicted, it may be described in the legend in lieu of an overlay.

Project Location

Figure A-1 depicts the High-Tech Interconnect Project (HIP or Project) site, jurisdictional land ownership, and the adjacent area within a 20-mile buffer on a topographic map (1:250,000 scale).

Figure A-2 depicts the Project including a 2-mile buffer of the Project site, jurisdictional land ownership, and the adjacent area on a topographic map (1:62,500 scale).

Figure A-3 depicts the City of Chandler's existing land uses within the City of Chandler within a 2-mile buffer of the Project on a topographic map (1:62,500 scale).

Figure A-4 depicts the Maricopa County's existing land uses within a 2-mile buffer of the Project on a topographic map (1:62,500 scale).

Figure A-5 depicts the City of Chandler's planned future land uses within a 1,000-foot buffer of the Project.

Figure A-6 depicts the Maricopa County's planned future land uses within a 1,000-foot buffer of the Project.

The Project consists of approximately three miles of a new overhead transmission line in addition to 23 acres of land on Intel's Ocotillo Campus for the new RS-28 Substation and an overhead transition corridor at the existing Schrader Substation. The Project components are located on privately owned parcels of land within the City of Chandler's jurisdiction (see **Figures A-1** and **A-2**). Other land parcels within the vicinity of the Project are administered primarily by the City of Chandler, Maricopa County, and the Gila River Indian Community.

Land Ownership

The land ownership within the Project consists of private parcels in the City of Chandler. The surrounding area has land ownership that consists of private parcels in the City of Chandler, Gila River Indian Community, as well as some parcels or islands under Maricopa County jurisdiction. The Project includes many existing linear features including roadways, electric utility infrastructure lines, disturbed corridors, and canals. The Gila River Indian Community has tribal land on the west side of Old Price Road that borders the existing Henshaw Substation to Intel segment of the Project. There are no state or federal lands that border the planned Project.

Land Use

City of Chandler

The City of Chandler is a suburb within the Phoenix Metropolitan area and includes a planning area boundary of approximately 65 square miles. The City of Chandler is bordered by the cities of Tempe and Mesa to the north; the cities of Tempe and Phoenix to the west; the Gila River Indian Community and Maricopa County to the south; and the towns of Gilbert and Queen Creek to the east.

The City of Chandler's land is 85% developed, with only 15% of undeveloped land remaining; therefore, careful attention to undeveloped land and redevelopment is critical. Since the 2001 General Plan, there has been a shift in the City of Chandler to further emphasize strong comprehensive community building through the advancement of diverse employment opportunities. For this reason, the Chandler General Plan 2016 policies focus on strengthening employment corridors and recognizing the synergistic relationships of employment areas. Through strategic infrastructure investment and proactive planning, the Price Road Corridor (PRC) was developed as a first-class, high-technology corridor along Price Road. Development within the PRC is reserved for additional high-wage jobs in knowledge-based industries and advanced business services. Some of the industries represented along the corridor include advanced business services, aerospace, high-technology research and development/manufacturing, life sciences, and sustainable technology research and development/manufacturing.

The Project consists of land in the southwest portion of the City of Chandler, located within Maricopa County. **Figure A-3** depicts the existing land uses in the City of Chandler within a 2-mile buffer of the Project. The land use categories shown on **Figure A-3** have been produced to reflect the actual existing land uses around the Project based on field verification and online-desktop review. The existing land uses of parcels administered by the City of Chandler that are directly adjacent to the Project include:

- Agriculture;
- Campus Employment;
- Medium Lot Residential, Single Family (SF);
- Office Low Rise;
- Passive Open;
- Public Buildings/Facilities;
- Small Lot Residential (SF);

- Vacant; and
- Warehouse and Distribution Centers.

Maricopa County

Maricopa County is located within the south-central part of Arizona and has a total area of approximately 9,200 square miles. The City of Chandler is located within the south-central portion of Maricopa County.

As depicted on **Figure A-4**, there are lands near the Project that are administered by Maricopa County. The existing Henshaw Substation to Intel segment of the Project (node H1 to node H2) runs parallel with the eastern border of the Gila River Indian Community. **Figure A-4** shows the existing land uses in Maricopa County within a 2-mile buffer of the Project, which also includes land uses for parcels on the Gila River Indian Community that fall within the buffer. Land use controls for private lands within portions of Maricopa County are regulated by the Maricopa County Comprehensive Plan, Vision 2030. Land use data were acquired for the Project area from the Maricopa County Interactive Geographical Information Systems (GIS) using Maricopa County's PlanNet. The existing land uses of parcels administered by Maricopa County and the Gila River Indian Community that are directly adjacent to the Project components include:

- Agriculture;
- Airport;
- Medical/Nursing Home;
- Single Family High Density; and
- Vacant.

Planned Land Uses

City of Chandler

The Chandler General Plan 2016 is the current planning guide for developments within the incorporated and planning area boundaries regulated by the City of Chandler. The City of Chandler's General Plan provides a compilation of policies, text, graphics, and maps that serves as a guide for how future community development would be managed. The Chandler General Plan 2016 designates broad land use categories, with an emphasis on future land use, that allow a variety of more specific land uses within each broad category. According to the Chandler General Plan 2016, the primary future land uses within the City of Chandler are designated as Commercial, Employment, Mixed-Use Developments, Neighborhood/Residential, Recreation/Open Space, and Transit Oriented Development.

Figure A-5 depicts the planned future land uses in the City of Chandler within a 1,000-foot buffer of the Project. The future land uses of parcels administered by the City of Chandler that are directly adjacent to the Project include Employment, Neighborhoods, and Recreation.

These future land uses described below are the land uses listed within the Chandler General Plan 2016:

- Employment

- *Industrial/Business Parks*
- *Corporate Offices*
- *Manufacturing*
- *Warehouse and Distribution*
- Neighborhoods
 - *Rural Residential*
 - *Low-Density Residential*
 - *Medium-Density Residential*
 - *High-Density Residential*
 - *Urban Residential*
 - *Public Facilities*
- Recreation
 - *Municipal Parks*
 - *Public-Owned Open Spaces*
 - *Trails*

Maricopa County

Land use controls for private lands within portions of Maricopa County are regulated by the Maricopa County Comprehensive Plan, Vision 2030. The Maricopa County Comprehensive Plan addresses the ability to maintain a high quality of life and long-term success within Maricopa County. The land use element maintains that sensible, functional, balanced, fiscally efficient, and economically viable land use patterns are important priorities.

Figure A-6 depicts the planned future land uses in Maricopa County within a 1,000-foot buffer of the Project; this includes land uses for parcels on the Gila River Indian Community that fall within the buffer. The future land uses of parcels administered by Maricopa County and the Gila River Indian Community that are directly adjacent to the Project include Agriculture, Commercial, Other/Public Employment, Single Family Residential, and Transportation.

Below is the list of land use designations recognized by Maricopa County for future planning purposes, as outlined in the Maricopa County Comprehensive Plan:

- Agriculture
- Retail Commercial – retail is categorized as Rural, Convenience, Neighborhood, Community, Regional, and Miscellaneous.
- Employment
 - *Offices*
 - *Light Industrial*
 - *Heavy Industrial*
 - *Business Parks*
 - *Industrial Parks*
 - *Mixed Use Employment*
- Residential
 - *Single Family*
 - *Multiple Family*
 - *Mobile Home Community*

- Recreation
 - *Golf Courses*
 - *Parks*
 - *Open Spaces*
 - *Resorts and Campgrounds*
 - *Zoos*
- Other
 - *Mixed Use*
 - *Public Assembly*
 - *Community Service*
 - *Utilities*
 - *Transportation*
 - *Waste Disposal*
 - *Storage*
 - *Proving Grounds*
 - *Military Compatible*

Potential Effects

The Project consists of land in the southwest portion of the City of Chandler, located within Maricopa County. The Project would be located on previously disturbed lands and corridors; the existing Henshaw Substation to Intel segment and RS-28 Substation would be located in the PRC and the Schrader Overhead Transition Corridor would be located on Salt River Project Agricultural Improvement and Power District (SRP) land surrounding the existing Schrader Substation. The HIP is consistent with the City of Chandler's focus on promoting the development of high-technology and knowledge-based employment opportunities, as outlined in the Chandler General Plan 2016.

The existing Henshaw Substation to Intel segment is on the eastern border of the Gila River Indian Community. None of the Project components would be located on Gila River Indian Community land and, therefore, would not impact current nor future land uses. Other potential effects to tribal resources are discussed in **Exhibit E**.

While the Project would introduce new overhead transmission structures and the RS-28 Substation into the landscape, the future land uses are expected to be retained for their designated purposes (see **Figures A-5** and **A-6**). As discussed above, the Project is in close proximity to existing utility infrastructure, and the transitioning land uses in the area are consistent with the City of Chandler land use planning goals and strategic development plans. Therefore, the Project would likely result in negligible impacts to existing and future land use plans.

References

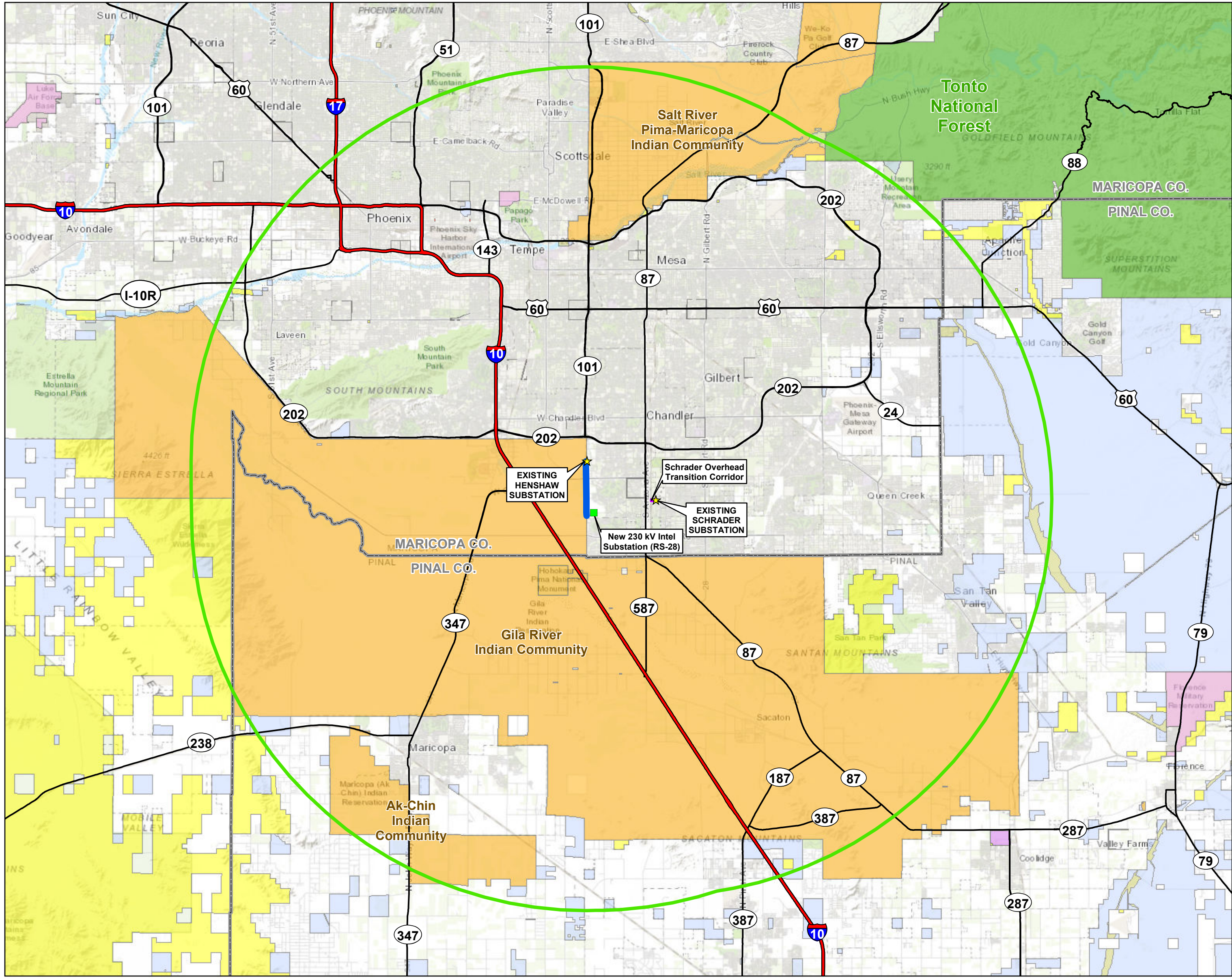
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Legend

- Interstate Highway
- US Route or State Highway
- County Boundary

Project Components

- Existing Substation
- New 230 kV Intel Substation (RS-28)
- Overhead Route
- Schrader Overhead Transition Corridor
- 20-Mile Buffer of Project

Jurisdictional Land Ownership

- Bureau of Land Management Land
- US Forest Service Land
- Bureau of Reclamation Land
- Department of Defense Land
- National Park Service Land
- Tribal Land
- State Land
- Private Land (No Shading)

0 2.5 5 7.5 10
Miles

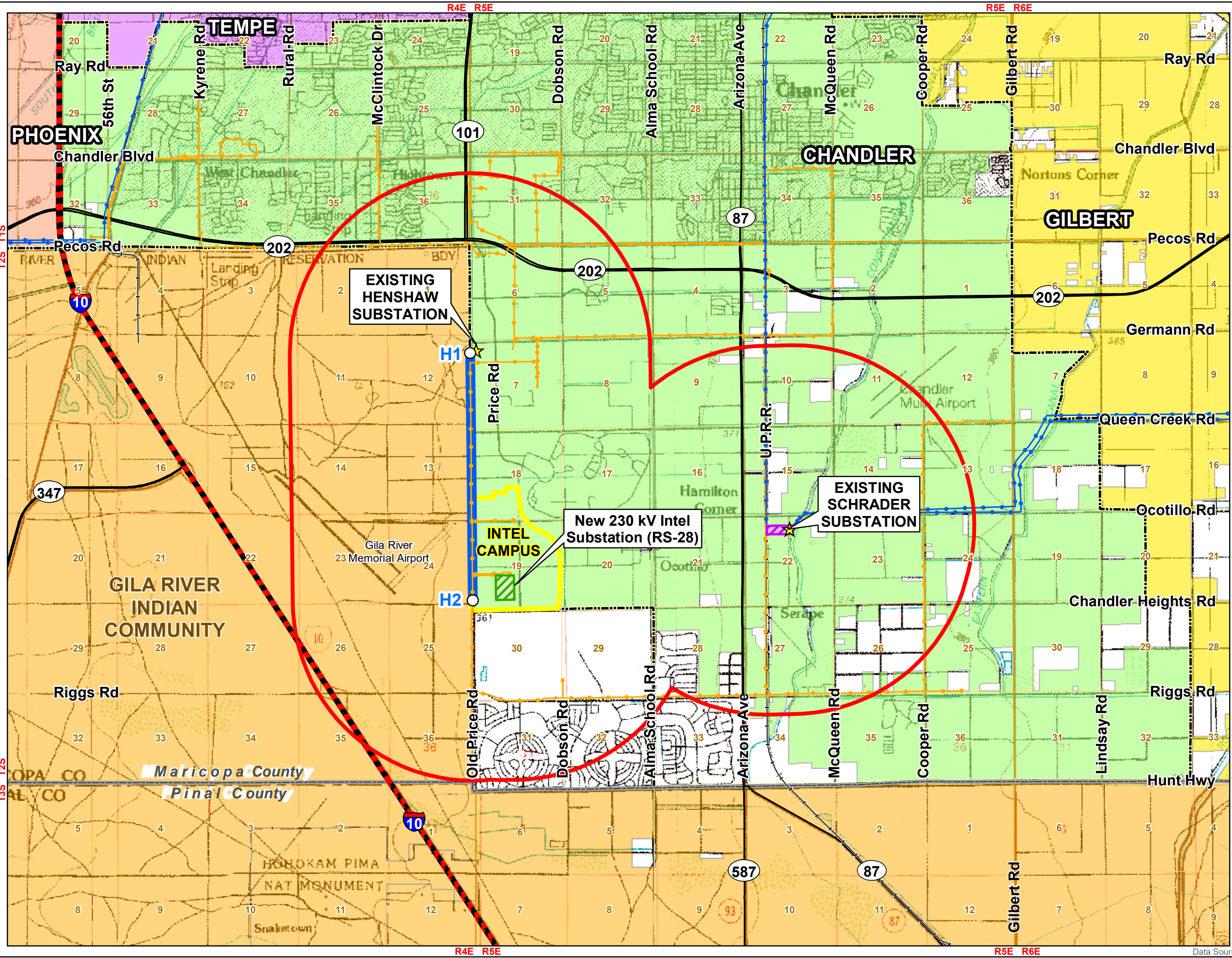
SPCS NAD 83, AZ Central, US Ft.
Data Sources: ADOT, BLM, ESRI, Maricopa Co., Pinal Co., SRP, USGS.

ARIZONA

**HIGH-TECH
INTERCONNECT PROJECT (HIP)
FIGURE A-1 JURISDICTION**

Map Extent: Maricopa & Pinal Counties, AZ

Date: 9.22.21 Author: sjw



Legend

Project Components

- Node (Origin or Terminus)
- ★ Existing Substation
- Overhead Route
- ▨ Schrader Overhead Transition Corridor
- ▨ New 230 kV Intel Substation (RS-28)
- ▭ 2-Mile Buffer of Project

General Features

- Existing 230 kV
- Existing 69 kV
- Interstate Highway
- State Highway
- Railroad
- Intel Campus
- County Boundary
- Municipal Boundary
- Township / Range Boundary
- Section Boundary

Jurisdiction

City of Chandler	Town of Gilbert
City of Tempe	Gila River Indian Community
City of Phoenix	Maricopa County

0 0.5 1 1.5 2 Miles

ARIZONA

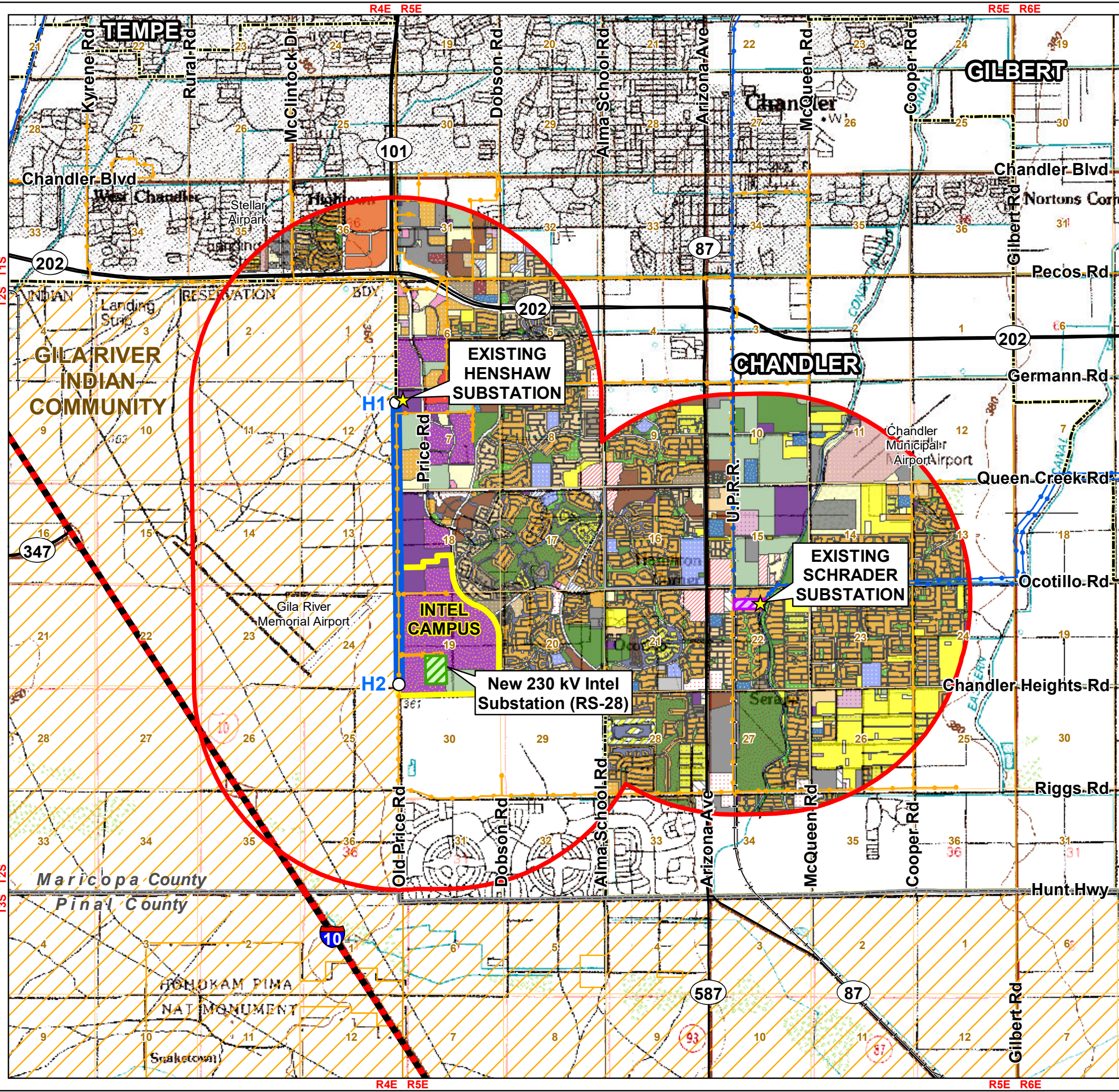
Map Extent

HIGH-TECH INTERCONNECT PROJECT (HIP) FIGURE A-2 JURISDICTION

Map Extent: Maricopa & Pinal Counties, AZ

Date: 9.22.21	Author: sjw
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Data Sources: ADOT, BLM, ESRI, Maricopa Co., Pinal Co., SRP, USGS.



General Features

- Existing 230 kV
- Existing 69 kV
- Interstate Highway
- State Highway
- Railroad
- Intel Campus
- County Boundary
- Municipal Boundary
- Gila River Indian Community

City of Chandler Land Use

- Agriculture
- Airport
- Assisted Living
- Business Park
- Campus Employment
- Canal
- Church
- Community Commercial
- Convenience Commercial
- Data Center
- Golf Course
- High Density Residential (MF)
- Industrial
- Institutional
- Large Lot Residential (SF)
- Medium Density Residential (MF)
- Medium Lot Residential (SF)
- Neighborhood Commercial
- Office Low Rise

Legend

Project Components

- Node (Origin or Terminus)
- Existing Substation
- Overhead Route
- Schrader Overhead Transition Corridor
- New 230 kV Intel Substation (RS-28)
- 2-Mile Buffer of Project

Land Use

- Office Mid Rise
- Park/Recreation
- Passive Open Spaces
- Public Buildings/Facilities
- Rail Road
- Rural Residential
- School
- Small Lot Residential (SF)
- Specialty Commercial
- Strip Commercial
- Super-Regional Commercial
- Tourist and Visitor Accomodations/Hotel
- Vacant
- Very High Density Residential (MF)
- Very Large Lot Residential (SF)
- Very Small Lot Residential (SF)
- Warehouse and Distribution Centers
- Water

0 0.5 1 1.5 2 Miles

ARIZONA

Map Extent

SRP

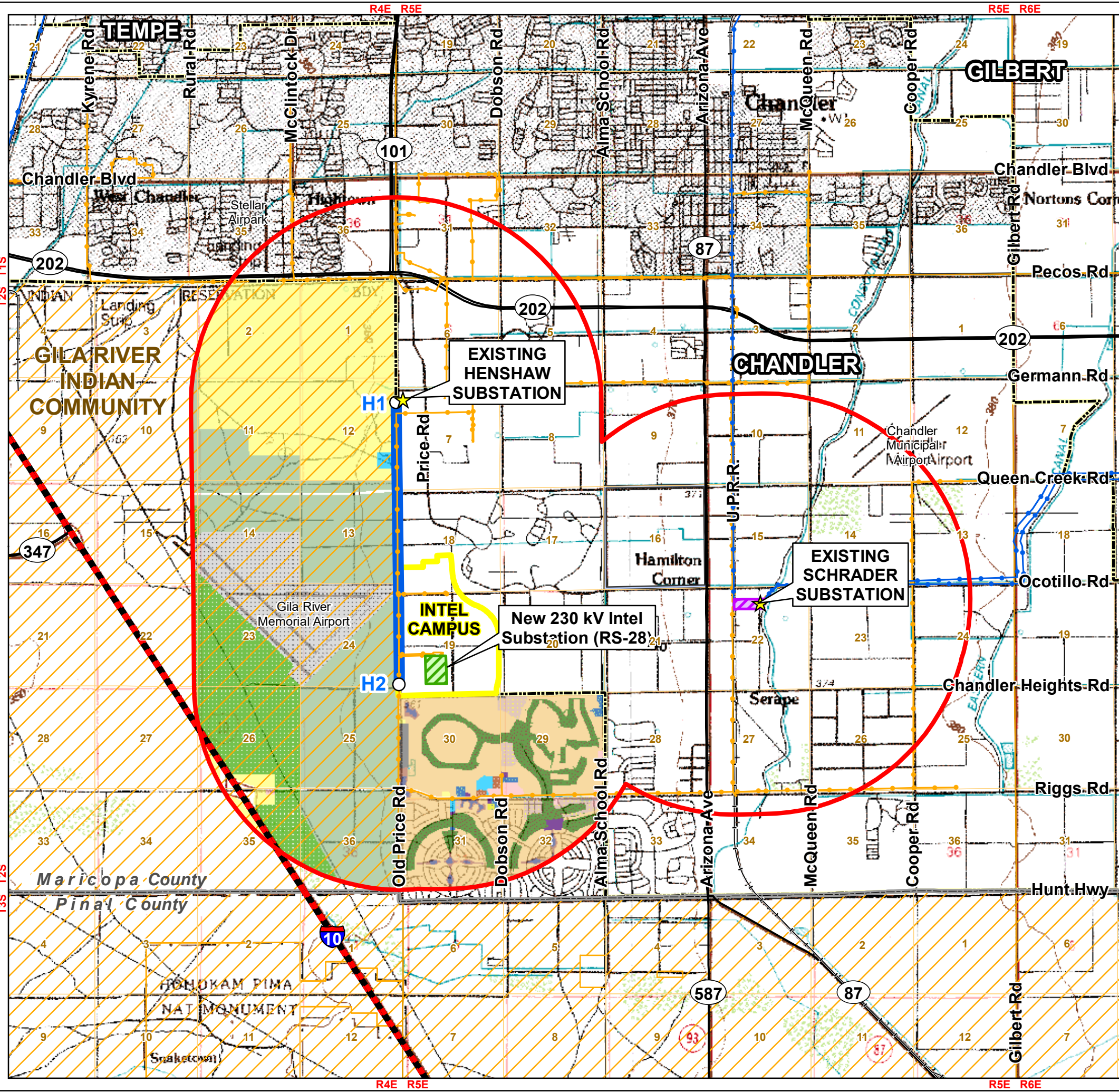
HIGH-TECH INTERCONNECT PROJECT (HIP)

FIGURE A-3 EXISTING LAND USE, CITY OF CHANDLER

Map Extent: Maricopa & Pinal Counties, AZ

Date: 9.22.21 Author: sjw

Data Sources: ADOT, BLM, ESRI, Maricopa Co., Pinal Co., SRP, USGS.



Legend

General Features

- Existing 230 kV
- Existing 69 kV
- Interstate Highway
- State Highway
- Railroad
- Intel Campus
- County Boundary
- Municipal Boundary
- Gila River Indian Community
- Township / Range Boundary
- Section Boundary

Maricopa County Land Use

- Active Open Space
- Agriculture
- Airport
- Commercial Low
- Golf Course
- Industrial
- Medical / Nursing Home
- Multi Family

Project Components

- Node (Origin or Terminus)
- Existing Substation
- Overhead Route
- Schrader Overhead Transition Corridor
- New 230 kV Intel Substation (RS-28)
- 2-Mile Buffer of Project

Maricopa County Land Use (continued)

- Office
- Passive / Restricted Open Space
- Public / Special Even / Military
- Religious / Institutional
- Single Family High Density
- Single Family Medium Density
- Vacant
- Water

ARIZONA

Map Extent

Maricopa County

Pinal County

SRP

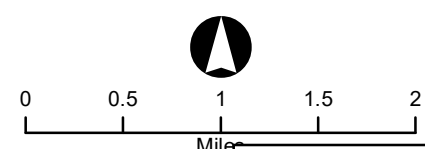
HIGH-TECH INTERCONNECT PROJECT (HIP) FIGURE A-4 EXISTING LAND USE, MARICOPA COUNTY

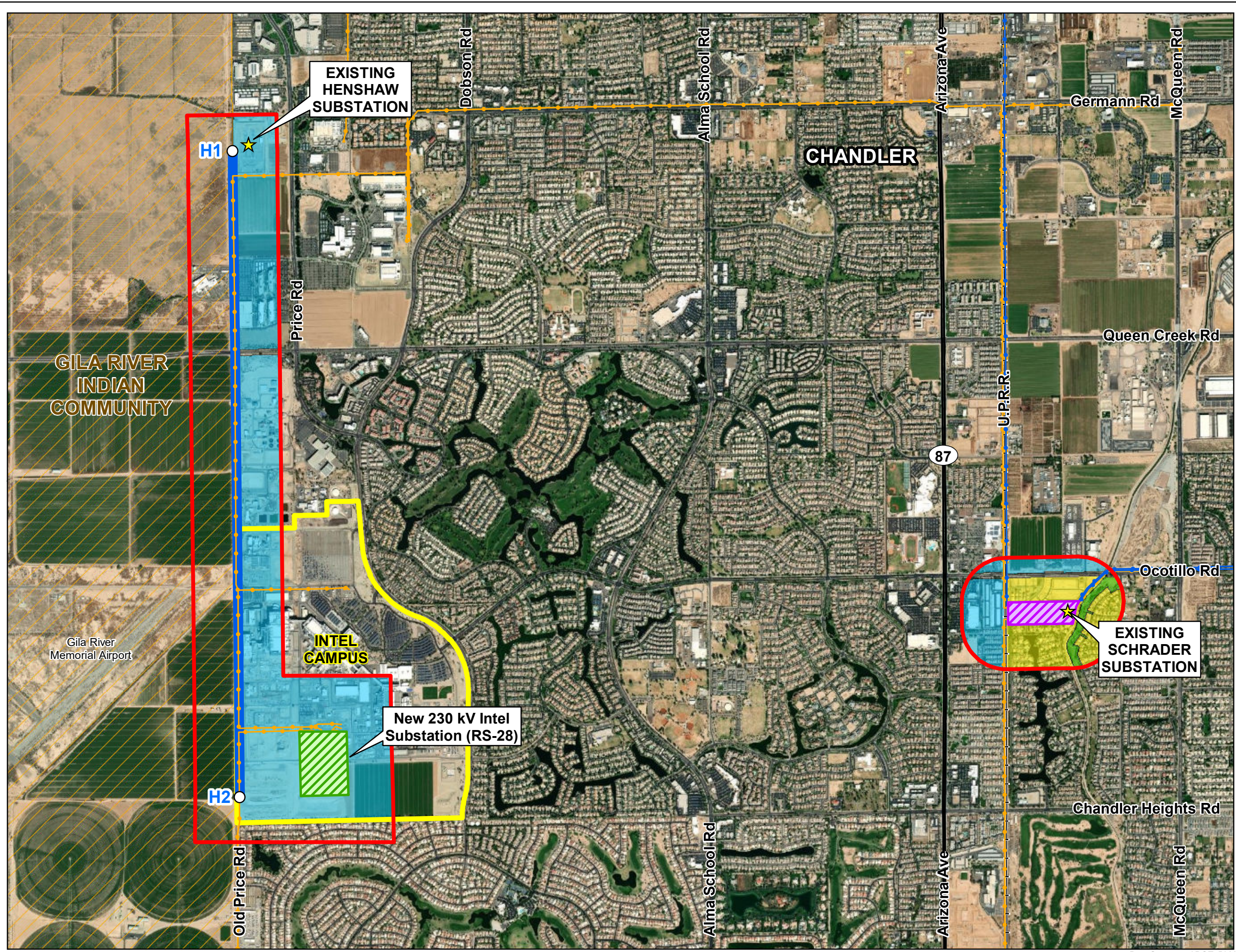
Map Extent: Maricopa & Pinal Counties, AZ

Date: 9.22.21

Author: sjw

Data Sources: ADOT, BLM, ESRI, Maricopa Co., Pinal Co., SRP, USGS.





Legend

Project Components

- Node (Origin or Terminus)
- ★ Existing Substation
- Overhead Route
- ▨ Schrader Overhead Transition Corridor
- ▨ New 230 kV Intel Substation (RS-28)
- ▭ 1,000-Foot Buffer of Project

City of Chandler Future Land Use

- Employment
- Neighborhoods
- Recreation

General Features

- Existing 230 kV
- Existing 69 kV
- State Highway
- Railroad
- Intel Campus
- Gila River Indian Community

0 0.25 0.5 0.75 1
Miles

ARIZONA

Map Extent

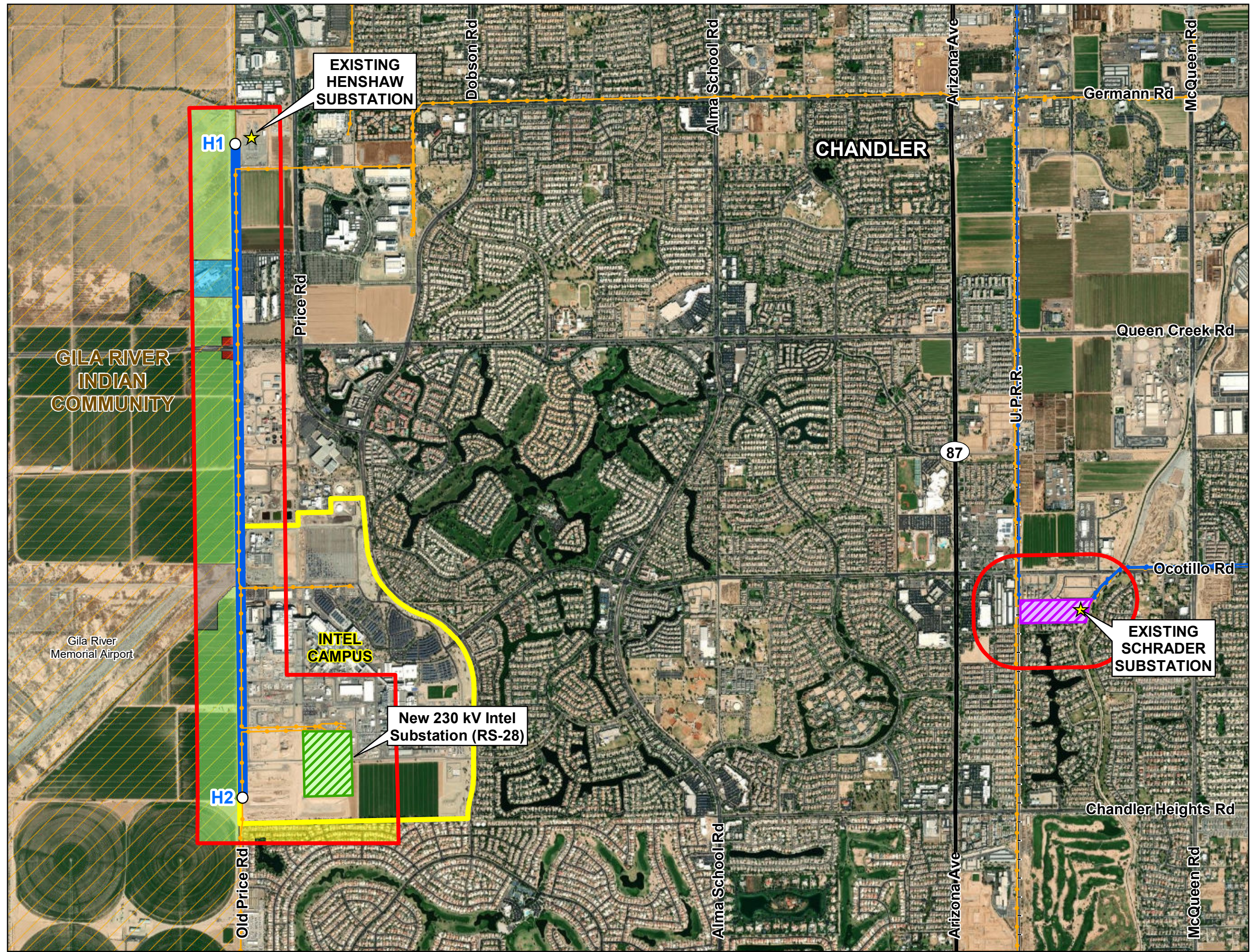
SRP

**HIGH-TECH
INTERCONNECT PROJECT (HIP)
FIGURE A-5
CHANDLER FUTURE LAND USE**

Map Extent: Maricopa County, AZ

Date: 9.22.21 Author: sjw

Data Sources: ADOT, BLM, City of Chandler, ESRI, Maricopa Co., Pinal Co., SRP, USGS.



Legend

Project Components

- Node (Origin or Terminus)
- ★ Existing Substation
- Overhead Route
- ▨ Schrader Overhead Transition Corridor
- ▨ New 230 kV Intel Substation (RS-28)
- ▭ 1,000-Foot Buffer of Project

Maricopa County Future Land Use

- ▭ Agriculture
- ▭ Commercial
- ▭ Mixed Use
- ▭ Open Space
- ▭ Other/Public Employment
- ▭ Single Family Residential
- ▭ Transportation

General Features

- Existing 230 kV
- Existing 69 kV
- State Highway
- Railroad
- ▭ Intel Campus
- ▨ Gila River Indian Community

0 0.25 0.5 0.75 1
Miles

ARIZONA

Map Extent

**HIGH-TECH
INTERCONNECT PROJECT (HIP)
FIGURE A-6
MARICOPA COUNTY FUTURE LAND USE**

Map Extent: Maricopa County, AZ

Date: 9.22.21 Author: sjw

Data Sources: ADOT, BLM, ESRI, Maricopa Co., Pinal Co., SRP, USGS.