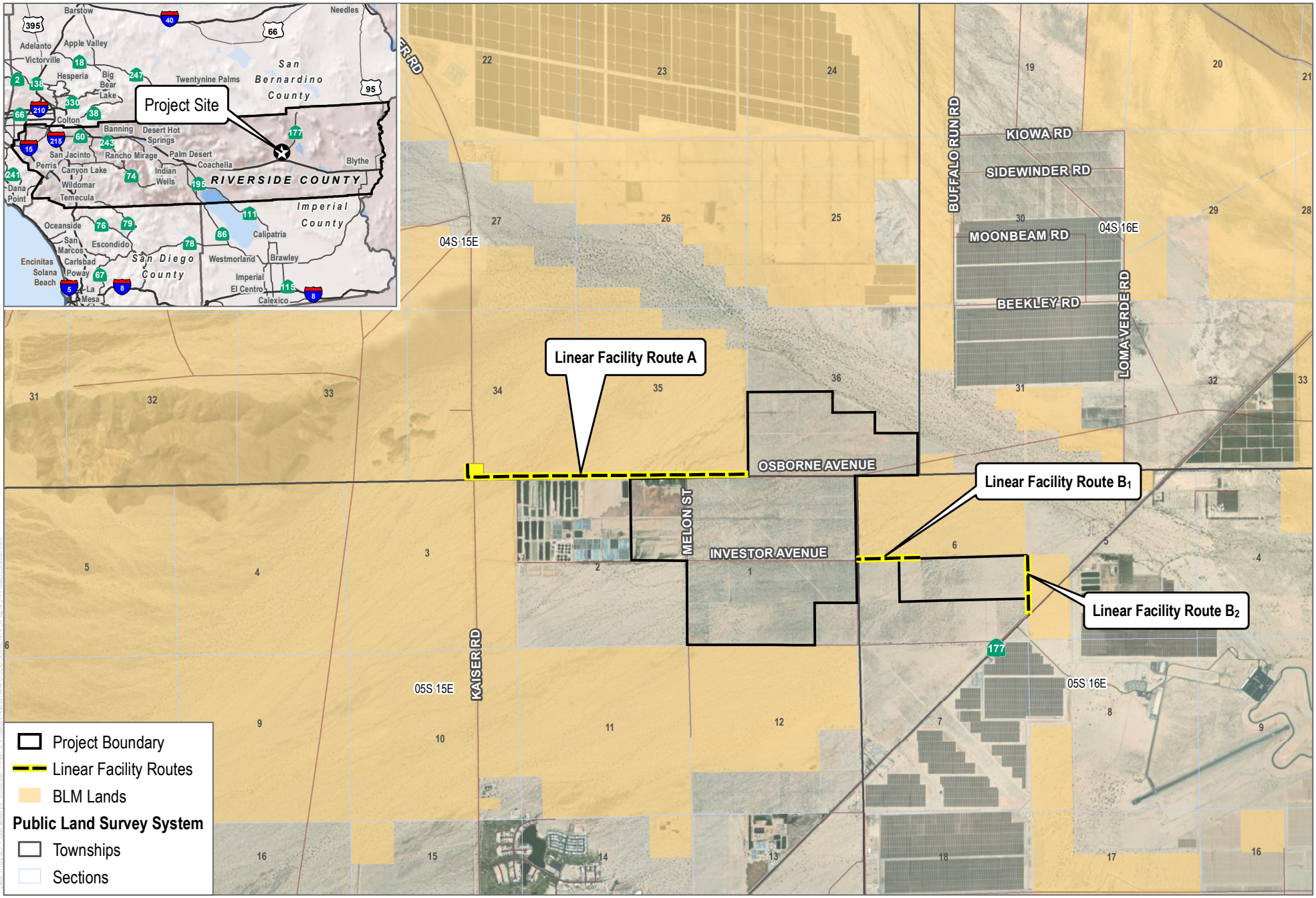


SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; BLM 2022

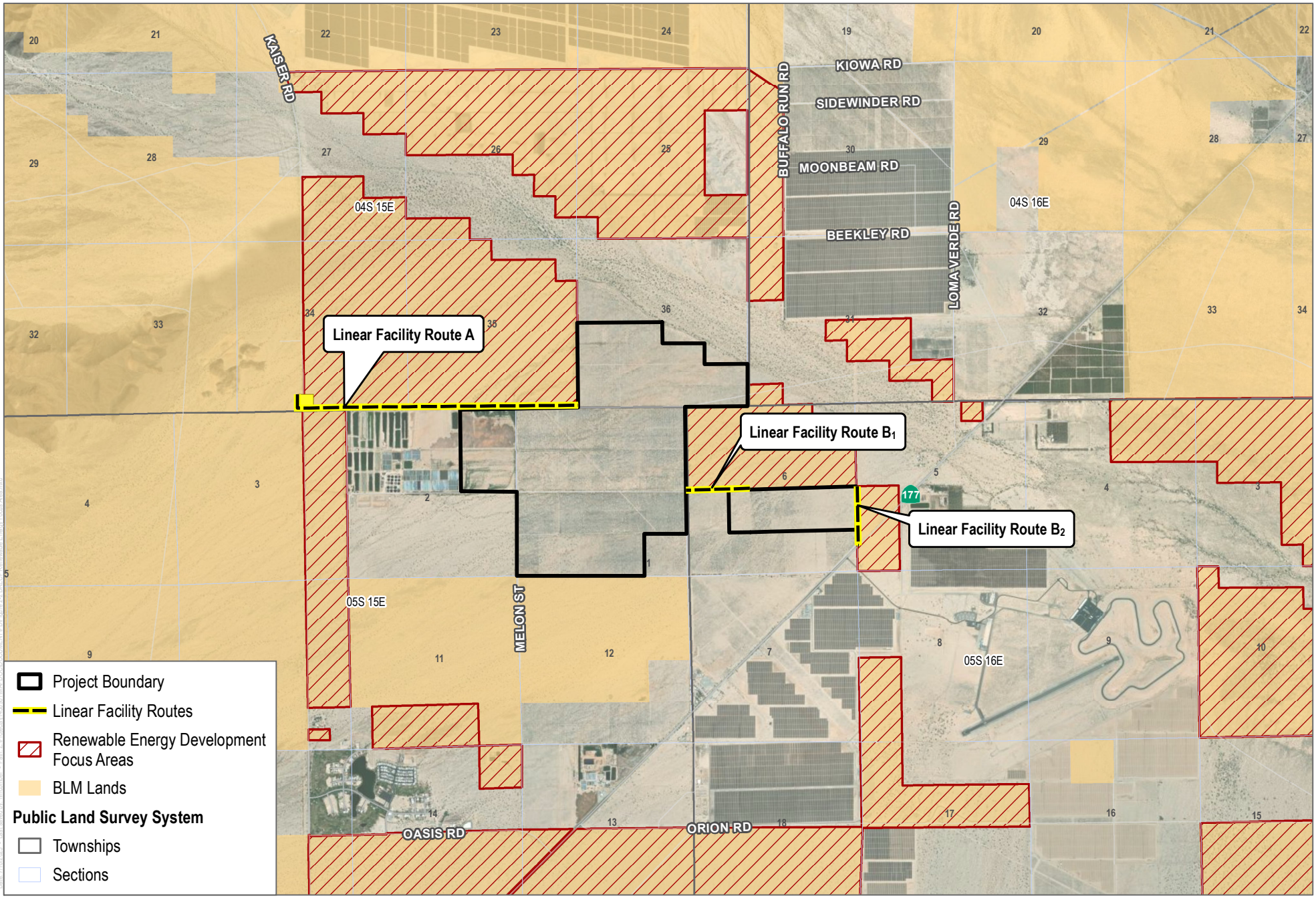
DUDEK

0 2,000 4,000 Feet

FIGURE 2-1

Project Location

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; DRECP 2022; BLM 2021

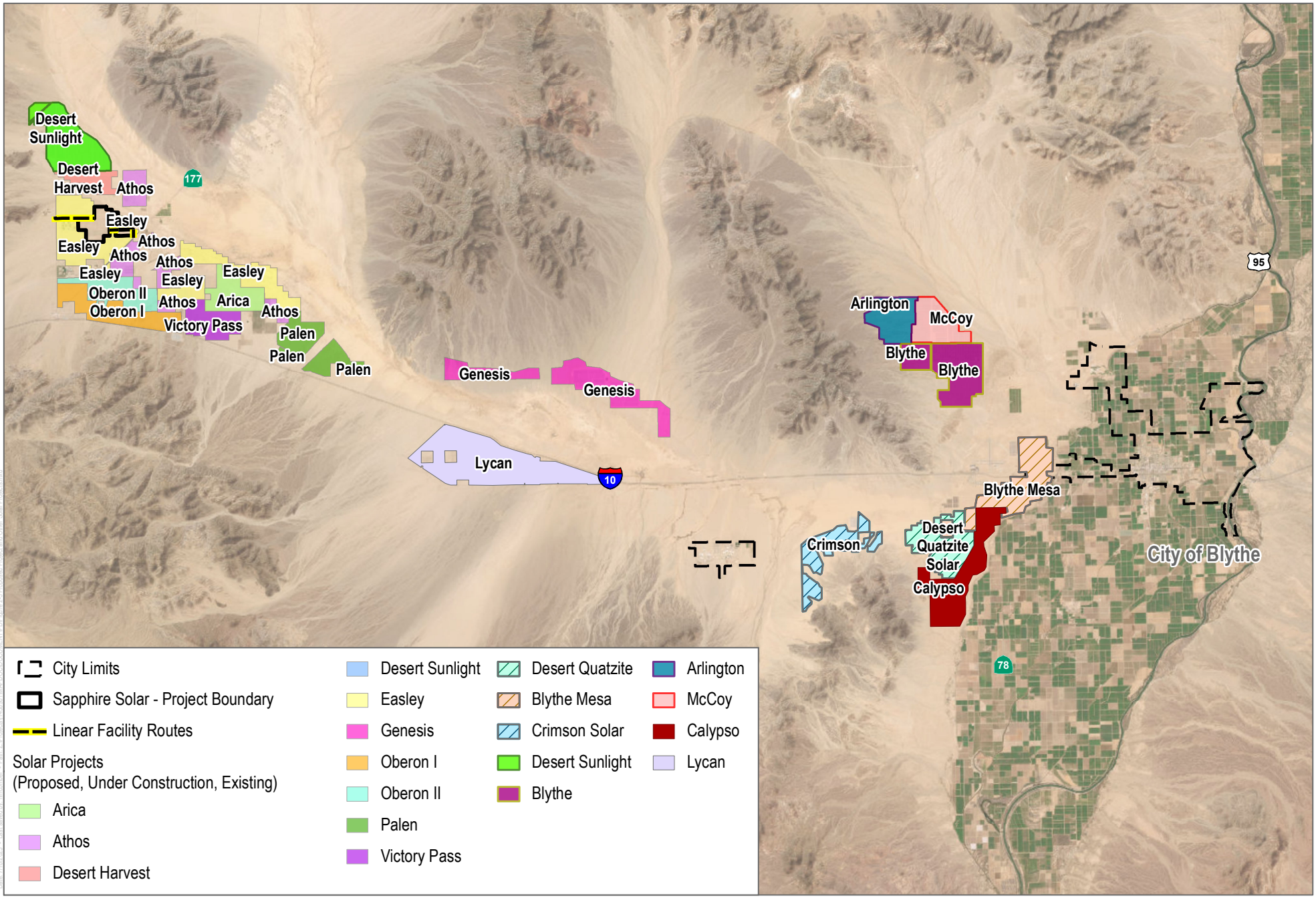
DUDEK

0 2,000 4,000 Feet

FIGURE 2-2

DRECP Development Focus Areas

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; DRECP 2022; BLM 2021

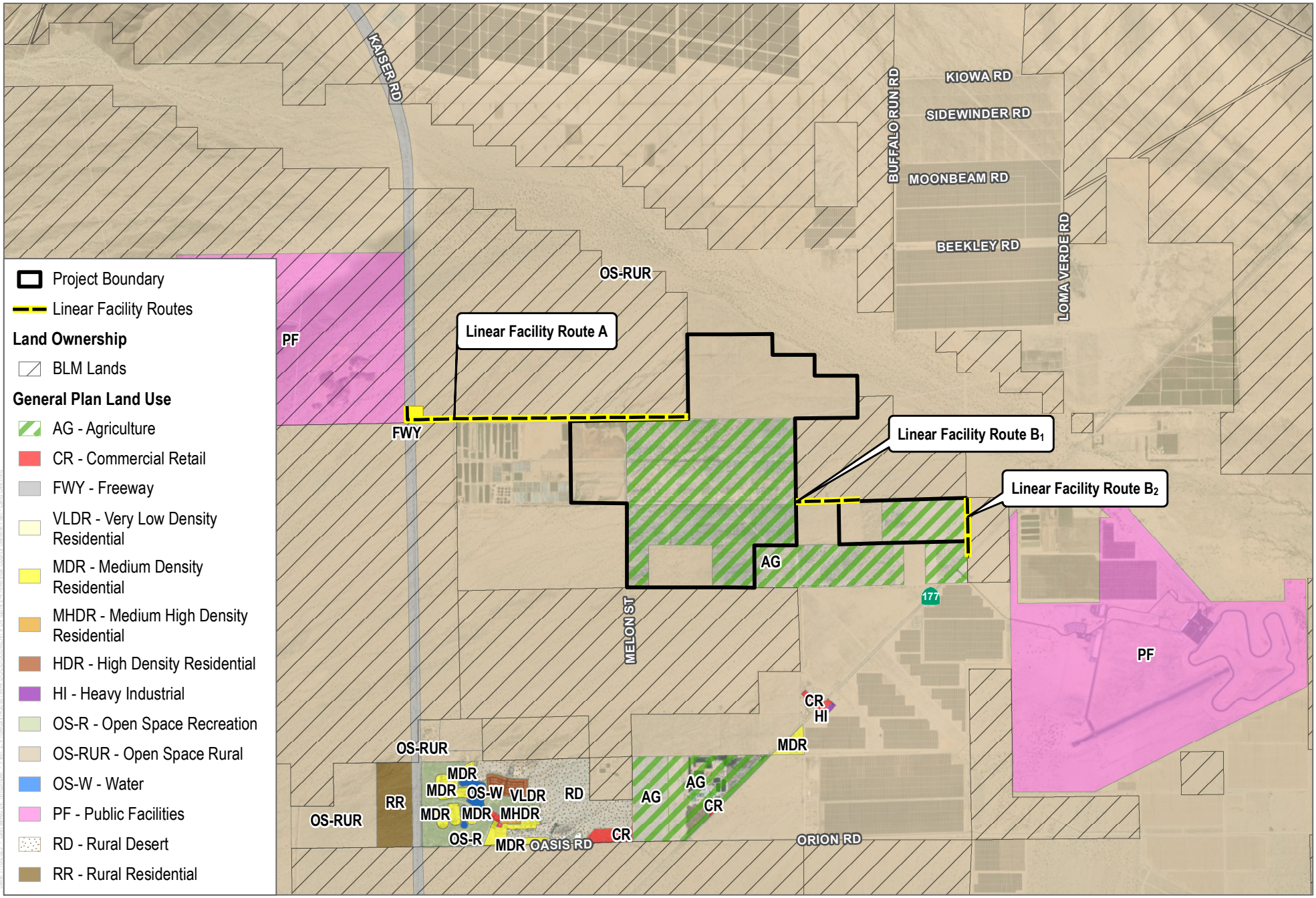
DUDEK

0 2 4 Miles

FIGURE 2-3

Project and Other Solar Projects

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; BLM 2022

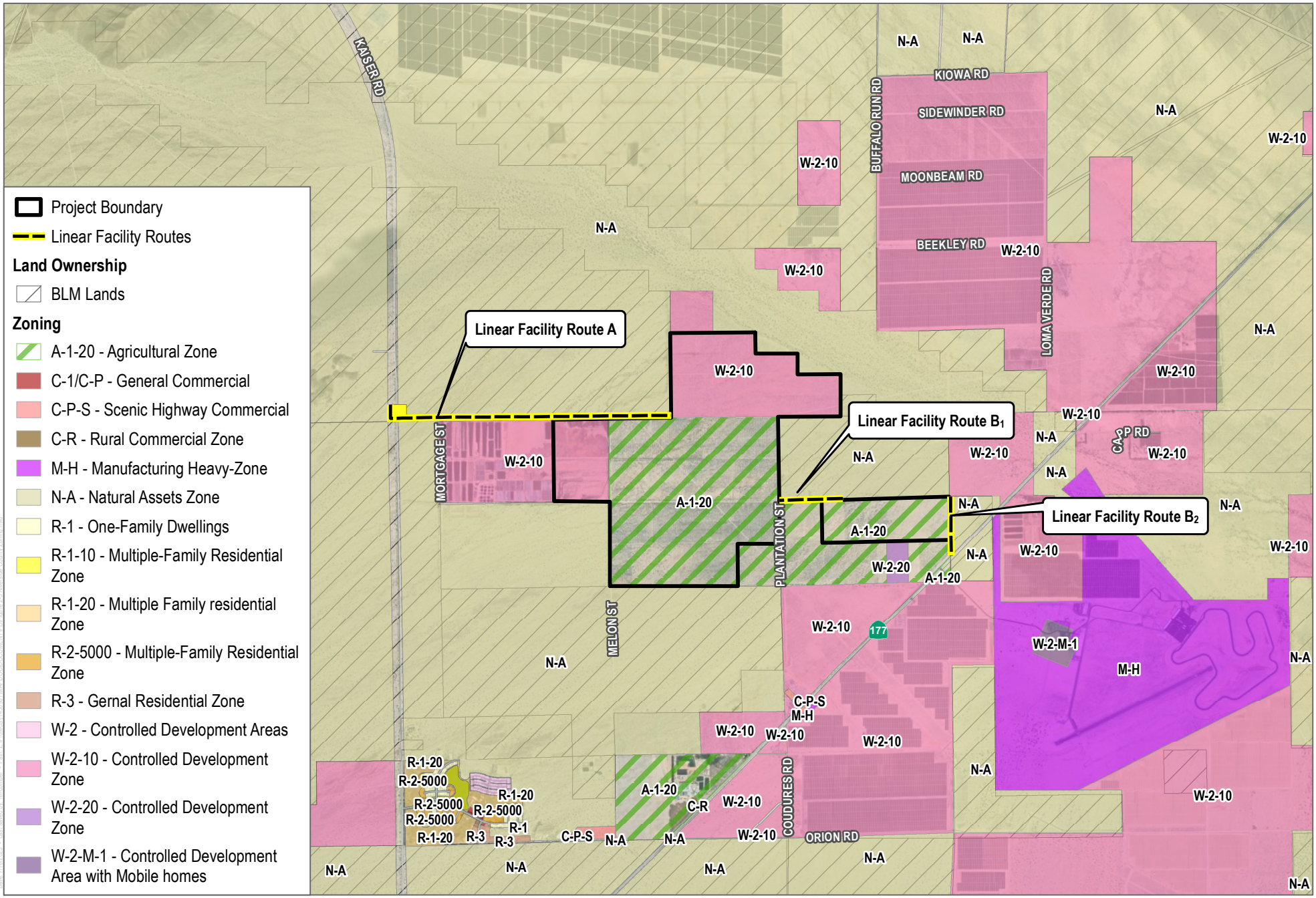
DUDEK

0 2,000 4,000 Feet

FIGURE 2-4

Riverside County General Plan - Land Use

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; BLM 2022

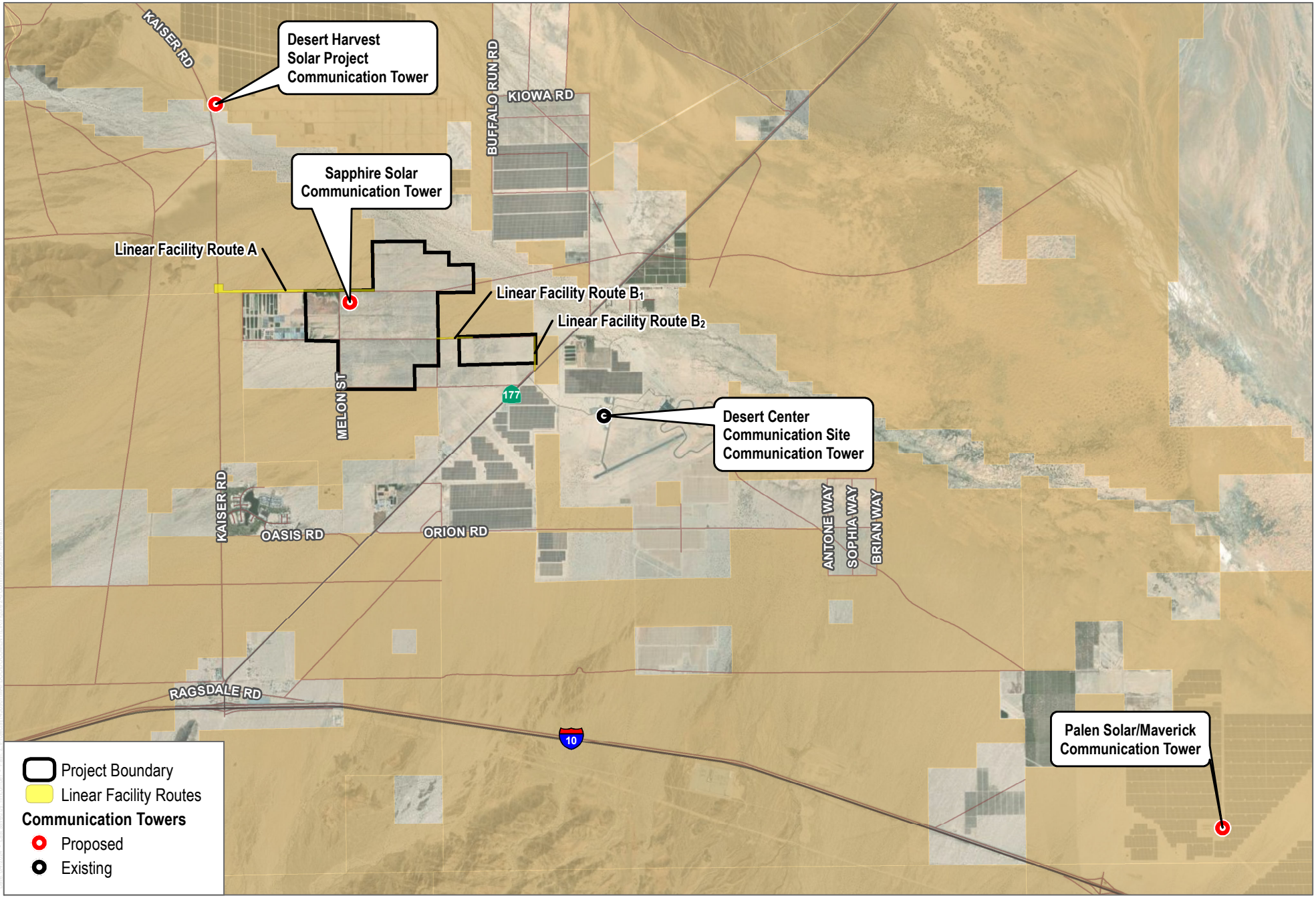
DUDEK

0 2,000 4,000 Feet

FIGURE 2-5

Riverside County Zoning

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; BLM 2022

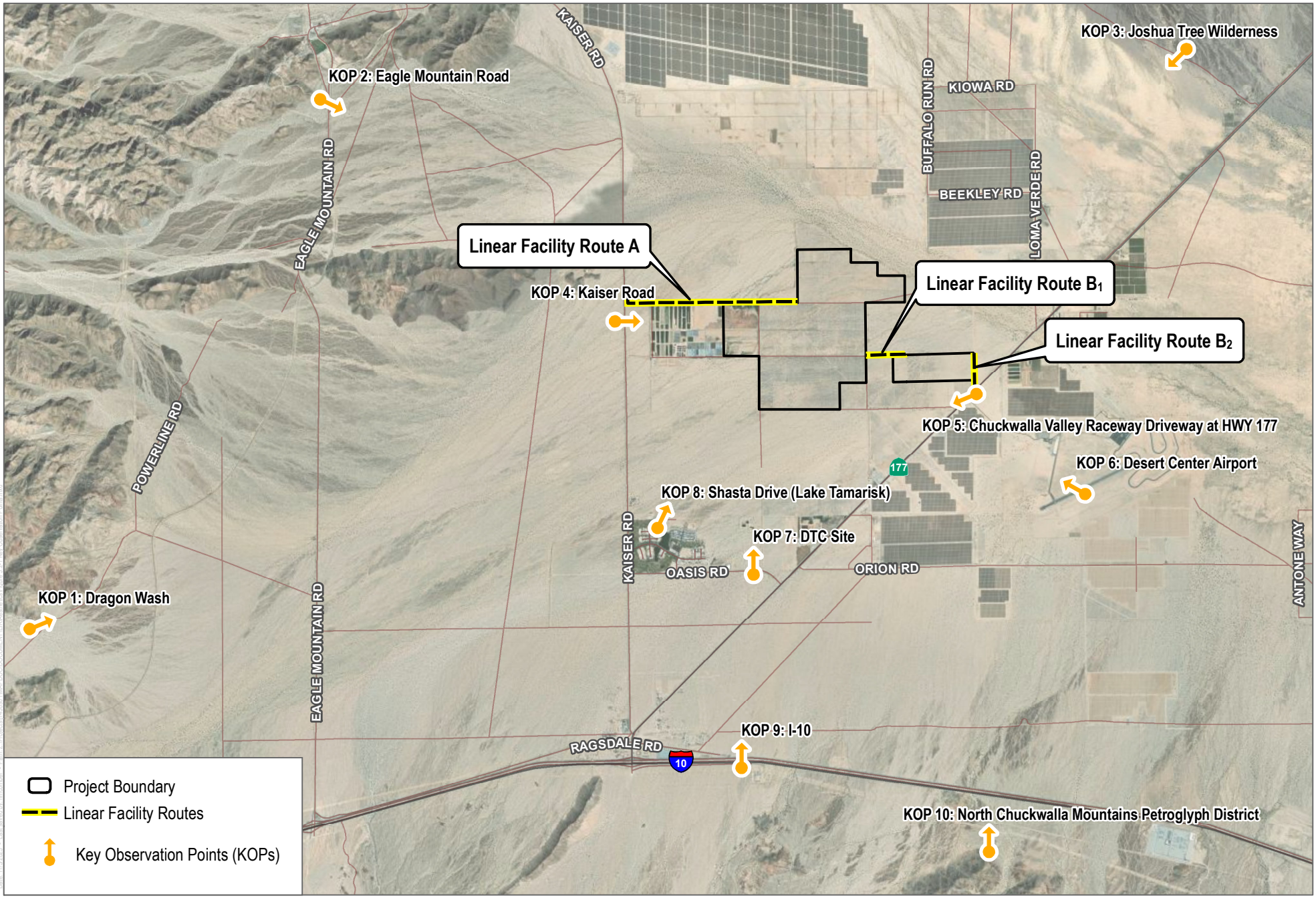
DUDEK

0 0.5 1 Miles

FIGURE 2-6

Communication Towers

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022

DUDEK

0 3,200 6,400 Feet

FIGURE 3.2-1

Key Observation Points

Sapphire Solar Project



KOP 1: View to east-northeast towards project site and McCoy/Palen Mountains



KOP 2: View to east-southeast from Eagle Mountain Road near MWD Pumping Plant

FIGURE 3.2-2

KOPs 1 and 2: Existing Conditions

Sapphire Solar Project

DUDEK



KOP 3: View to southwest from Joshua Tree Wilderness adjacent Access Road to project site



KOP 4: View to east from Kaiser Road towards project site and McCoy/Palen Mountains

FIGURE 3.2-3

KOPs 3 and 4 Existing Conditions

Sapphire Solar Project

DUDEK



KOP 5: View to west-southwest from Chuckwalla Valley Raceway Driveway at Highway 177



KOP 6: View to west-northwest from Desert Center Airport

FIGURE 3.2-4

KOPs 5 and 6: Existing Conditions

Sapphire Solar Project

DUDEK



KOP 7: View to north from DTC Site toward project site, Coxcomb Mountains and Eagle Mountains



KOP 8: View north-northeast from near Shasta Drive (Lake Tamarisk) towards project site, Coxcomb Mountains and Eagle Mountains

FIGURE 3.2-5

KOPs 7 and 8: Existing Conditions

Sapphire Solar Project

DUDEK



KOP 9: View north from Interstate 10 across Chuckwalla Valley including project site, existing solar facilities, and mountain terrain



KOP 10: View north from North Chuckwalla Mountain Petroglyphs District Site across Chuckwalla Valley landscape including project site, existing solar facilities, and mountain terrain

FIGURE 3.2-6

KOPs 9 and 10: Existing Conditions

Sapphire Solar Project

DUDEK



Existing Condition



Visual Simulation of Project

FIGURE 3.2-7

KOP 1: Dragon Wash Site

Sapphire Solar Project

DUDEK



Existing Condition



Visual Simulation of Project

FIGURE 3.2-8

KOP 2: Eagle Mountain Road

Sapphire Solar Project

DUDEK



Existing Condition



Visual Simulation of Project

FIGURE 3.2-9

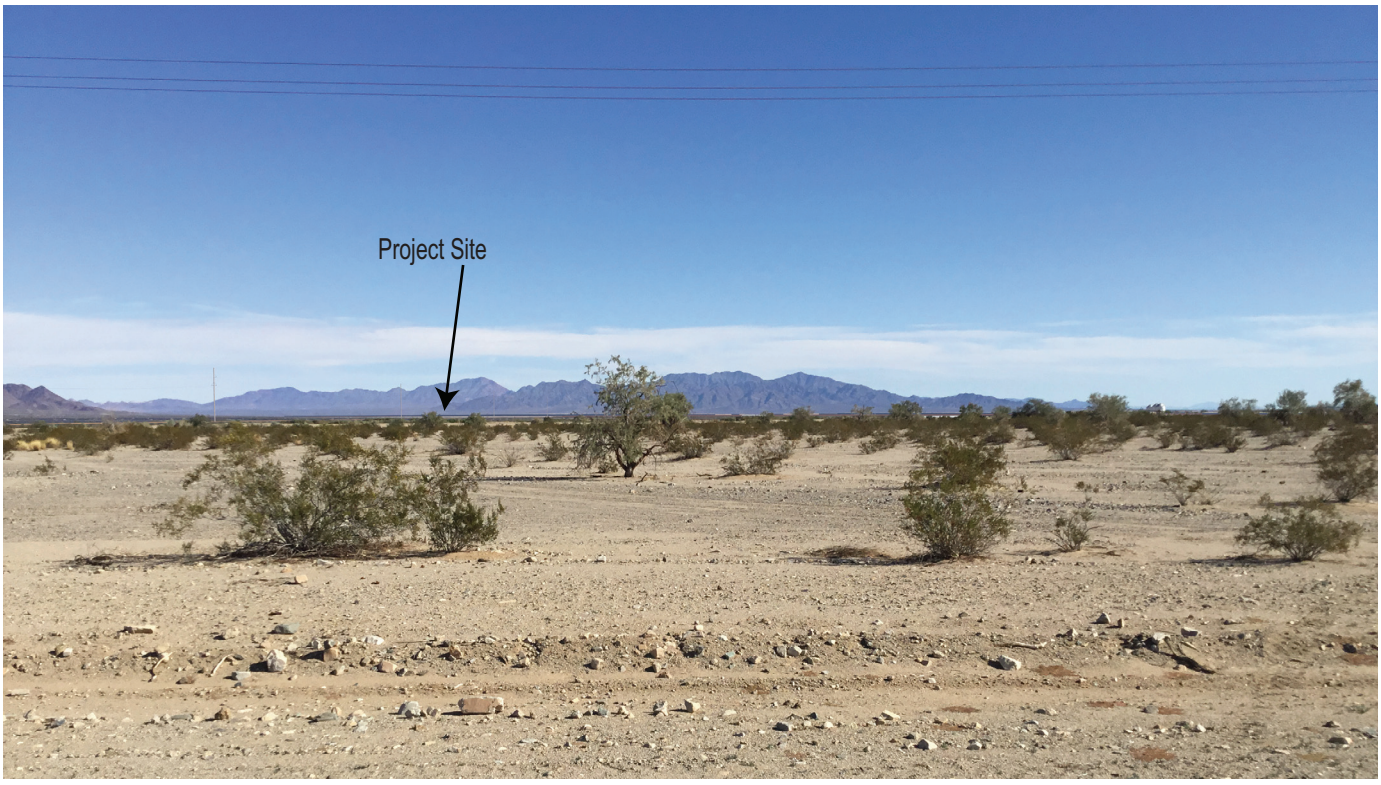
KOP 3: Joshua Tree Wilderness

Sapphire Solar Project

DUDEK



Existing Condition



Visual Simulation of Project

FIGURE 3.2-10

KOP 4: Kaiser Road

Sapphire Solar Project

DUDEK



Existing Condition



Visual Simulation of Project

FIGURE 3.2-11

KOP 5: Chuckwalla Valley Raceway Driveway at Highway 177

Sapphire Solar Project



Existing Condition



Visual Simulation of Project (Project Components Blocked From View by Intervening Vegetation and Structures)

FIGURE 3.2-12

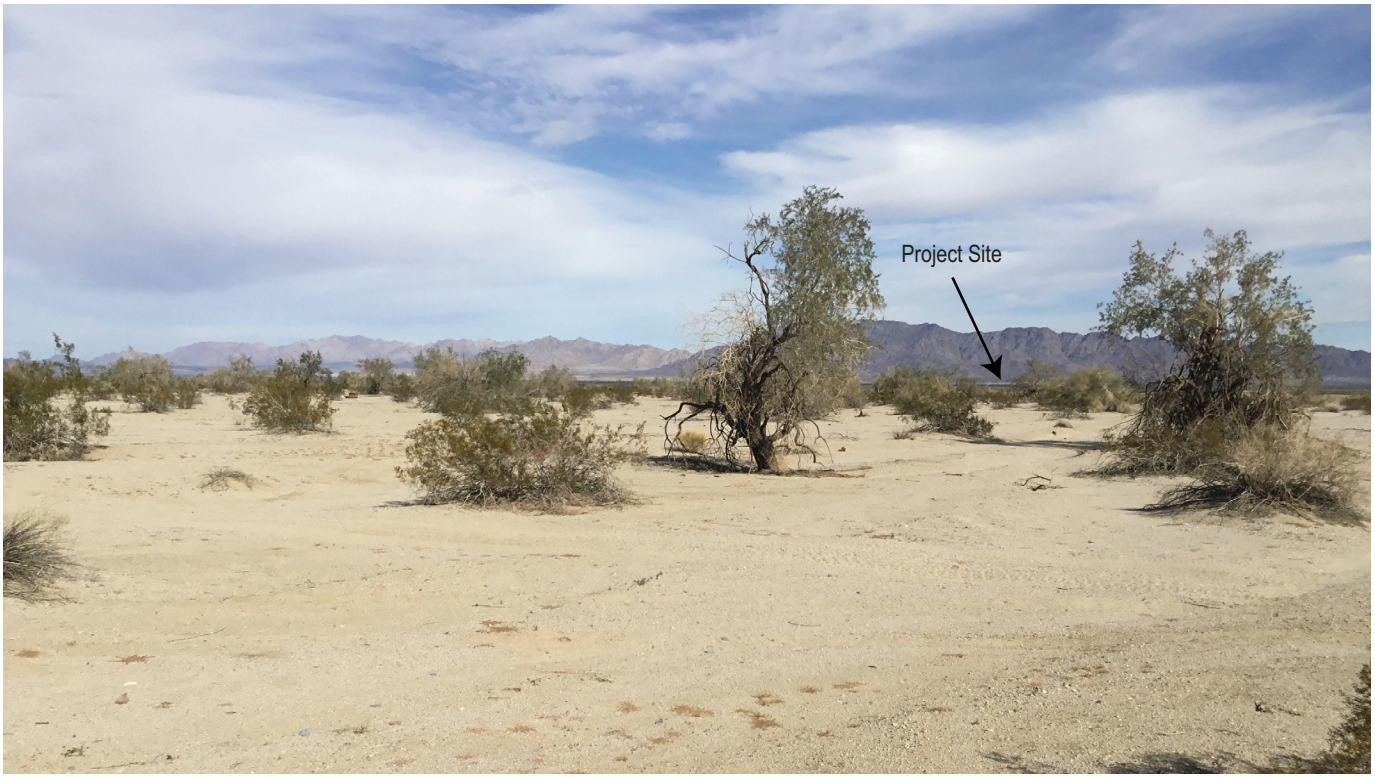
KOP 6: Desert Center Airport

Sapphire Solar Project

DUDEK



Existing Condition



Visual Simulation of Project

FIGURE 3.2-13

KOP 7: Desert Center Training Site

Sapphire Solar Project

DUDEK



Existing Condition



Visual Simulation of Project

FIGURE 3.2-14

KOP 8: Shasta Drive - Lake Tamarisk Community

Sapphire Solar Project

DUDEK



Existing Condition



Visual Simulation of Project

FIGURE 3.2-15

KOP 9: Interstate 10

Sapphire Solar Project

DUDEK



Existing Condition

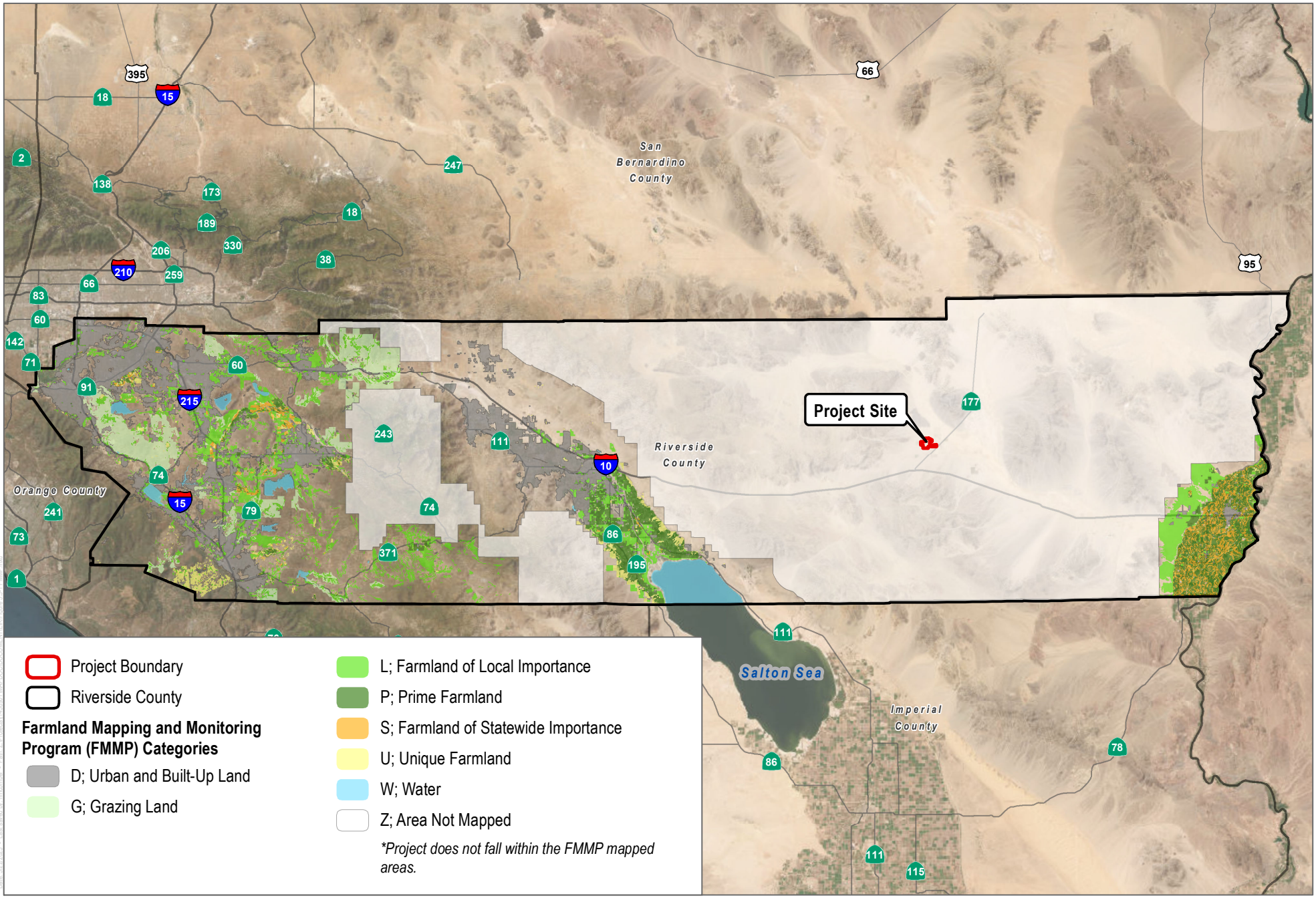


Visual Simulation of Project

FIGURE 3.2-16

KOP 10: North Chuckwalla Mountains Petroglyph District

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; FMMP 2018

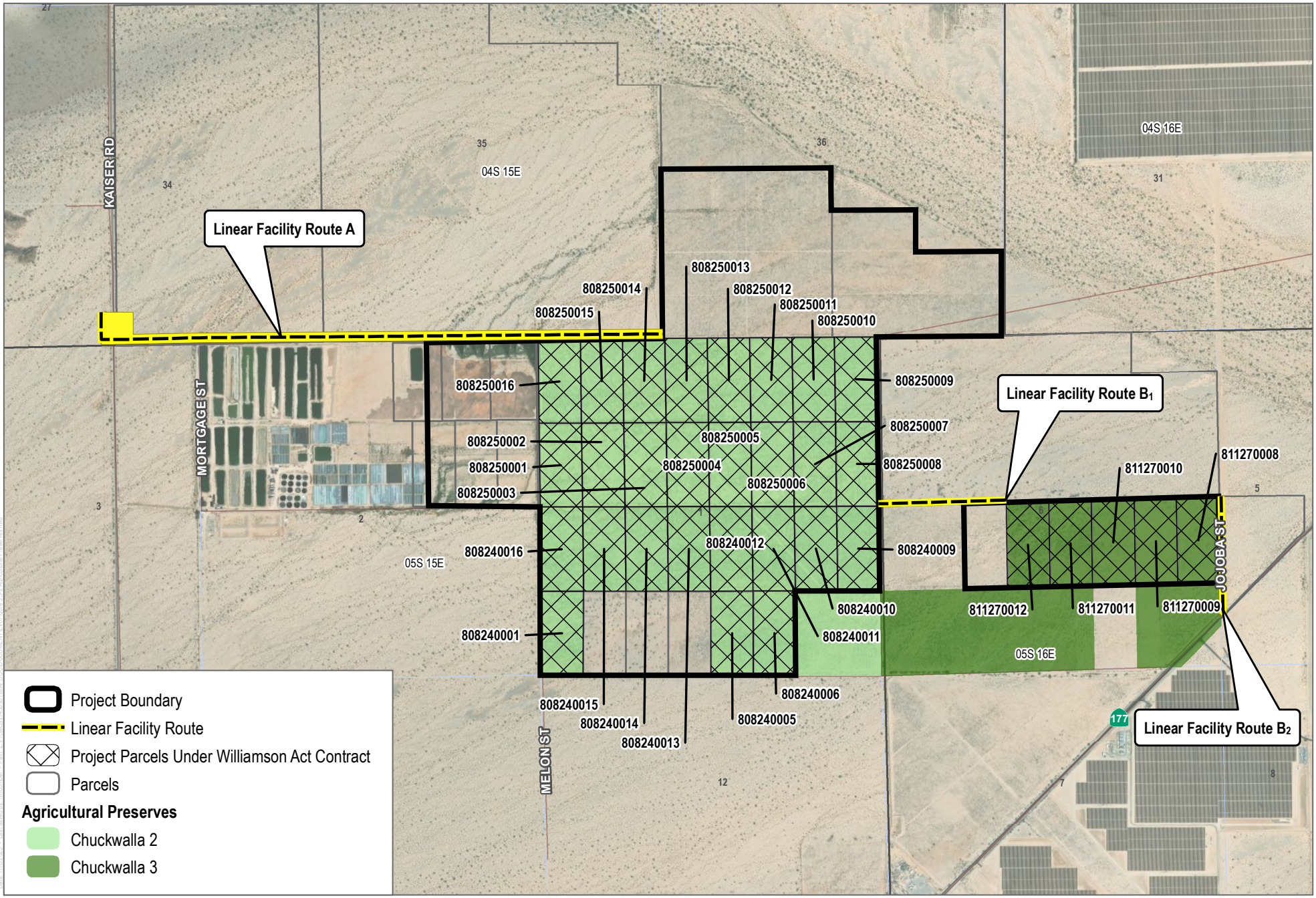
DUDEK

0 49,500 99,000 Feet

FIGURE 3.3-1

Farmland Mapping and Monitoring Program

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022

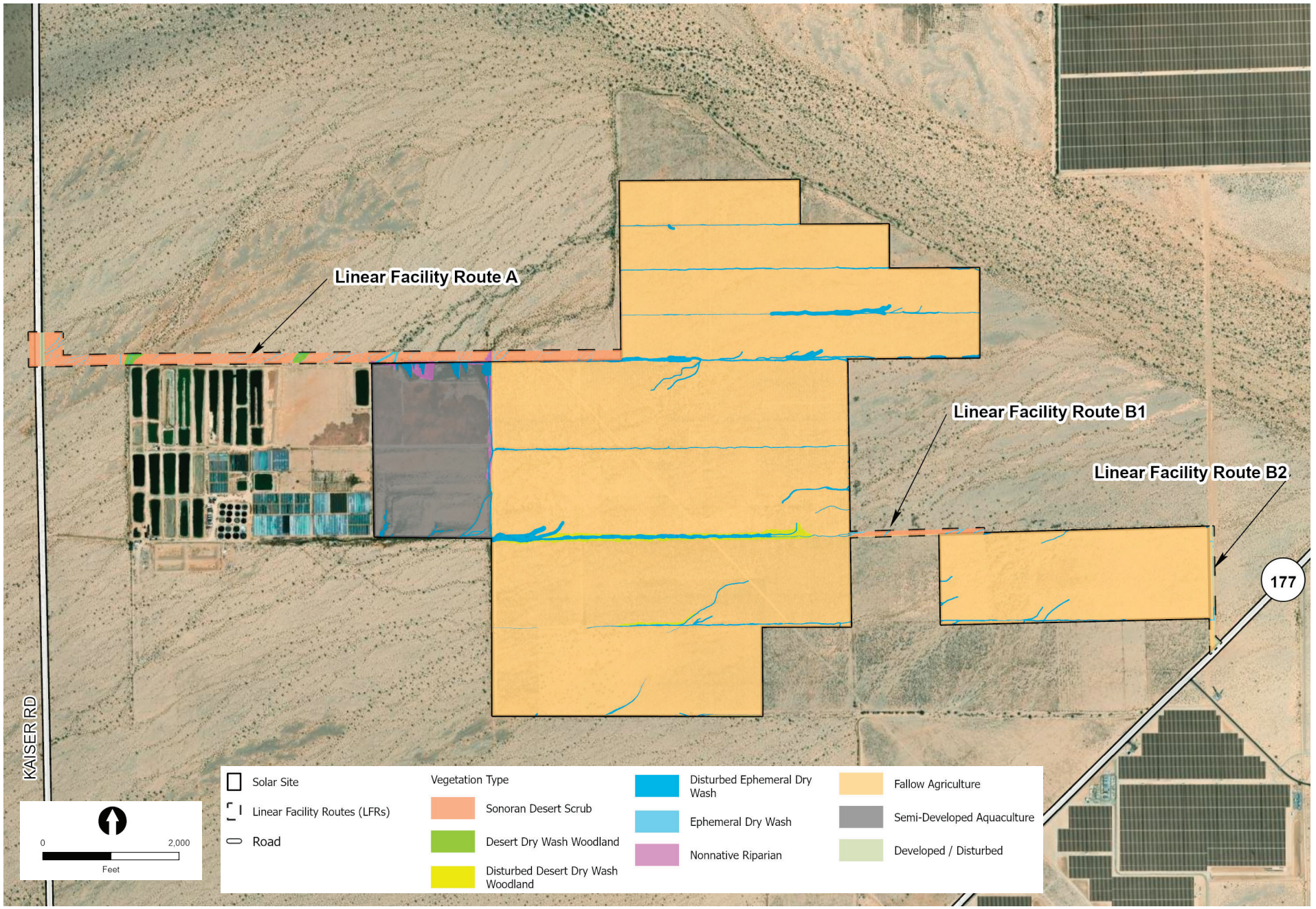
DUDEK

0 1,000 2,000 Feet

FIGURE 3.3-2

Agricultural Preserves

Sapphire Solar Project



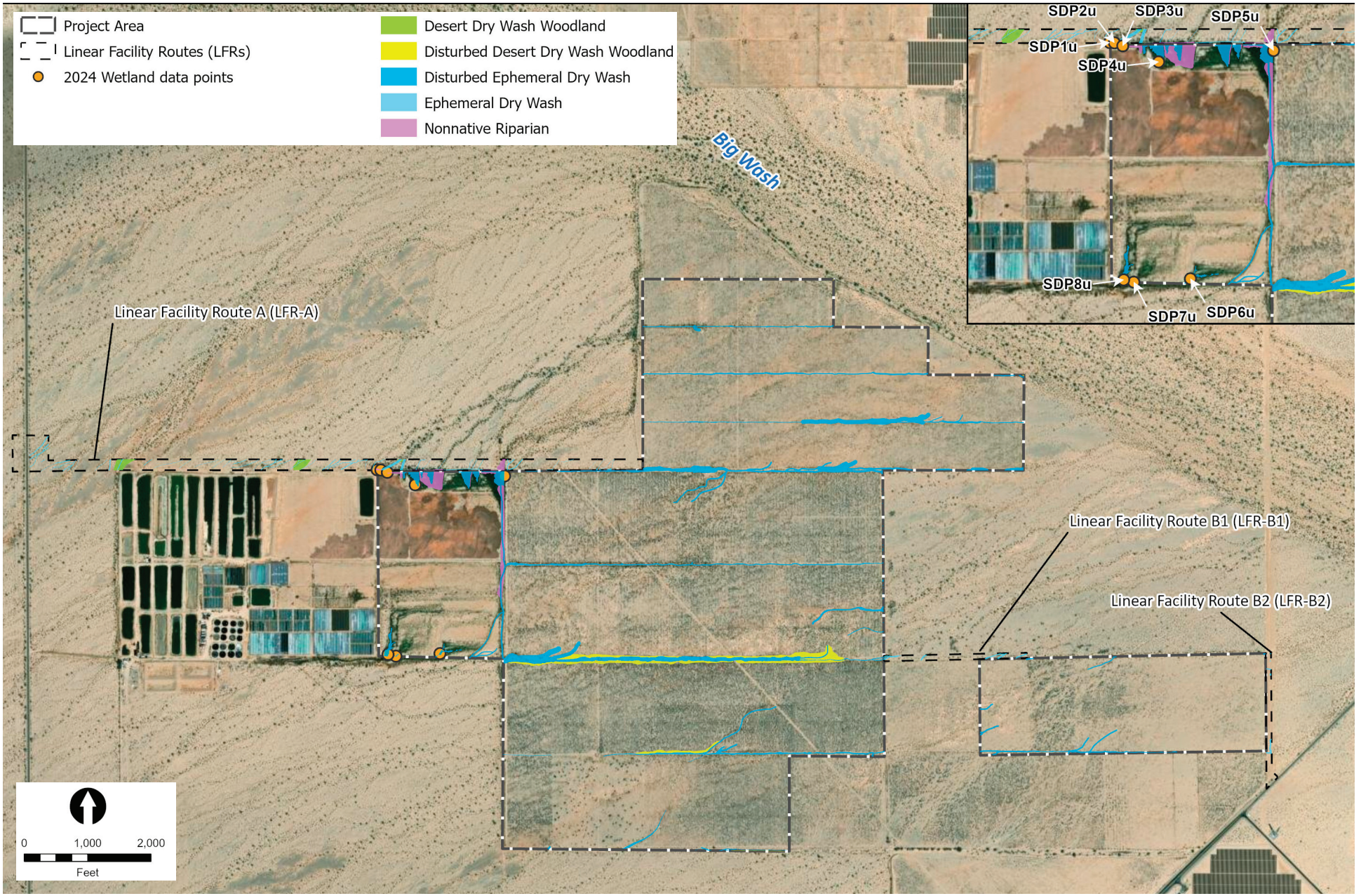
SOURCE: Ironwood Consulting 2024

FIGURE 3.5-1

Vegetation Communities and Land Cover Types

Sapphire Solar Project

DUDEK



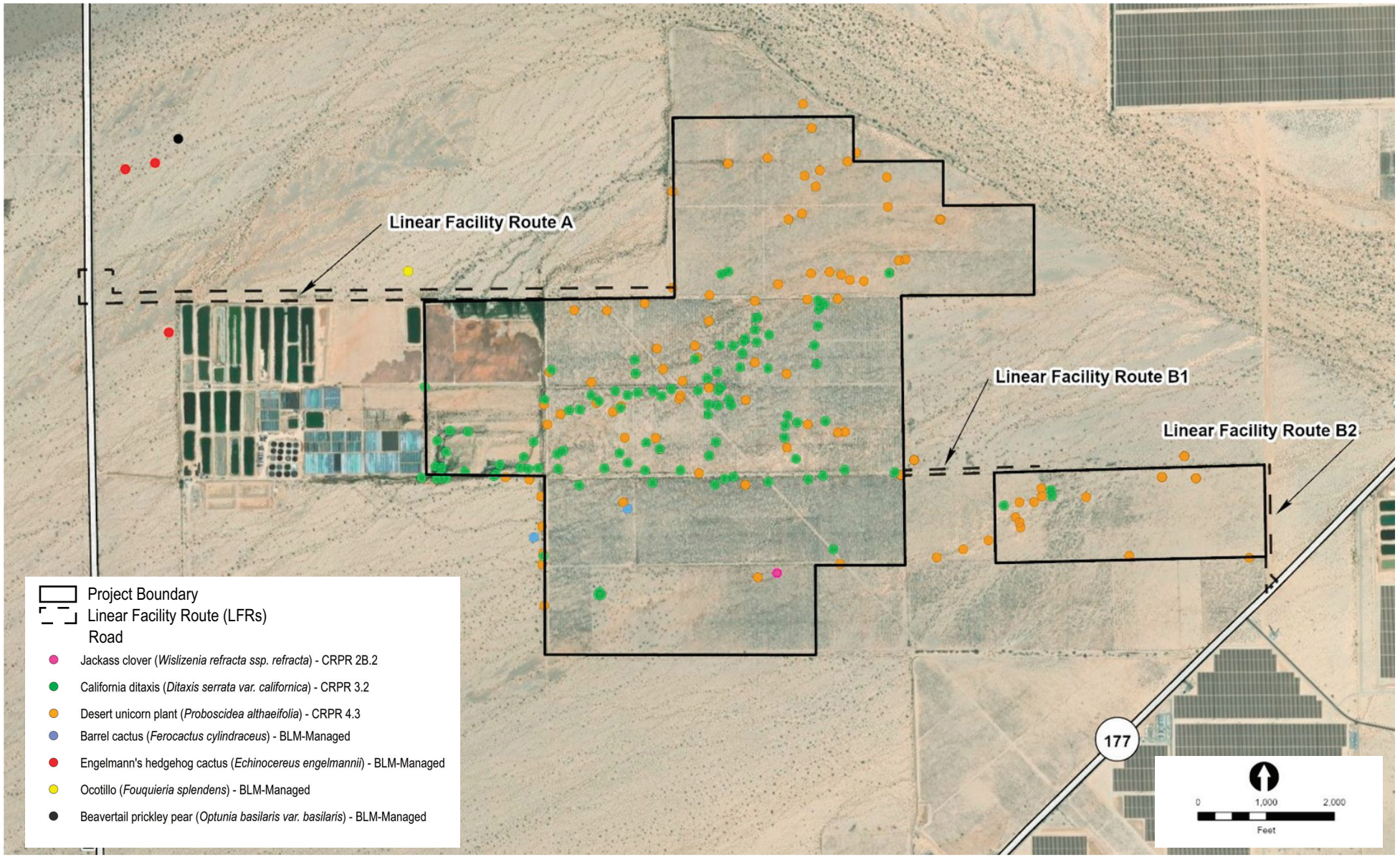
SOURCE: Ironwood Consulting 2023

DUDEK

FIGURE 3.5-2

Aquatic Resources

Sapphire Solar Project



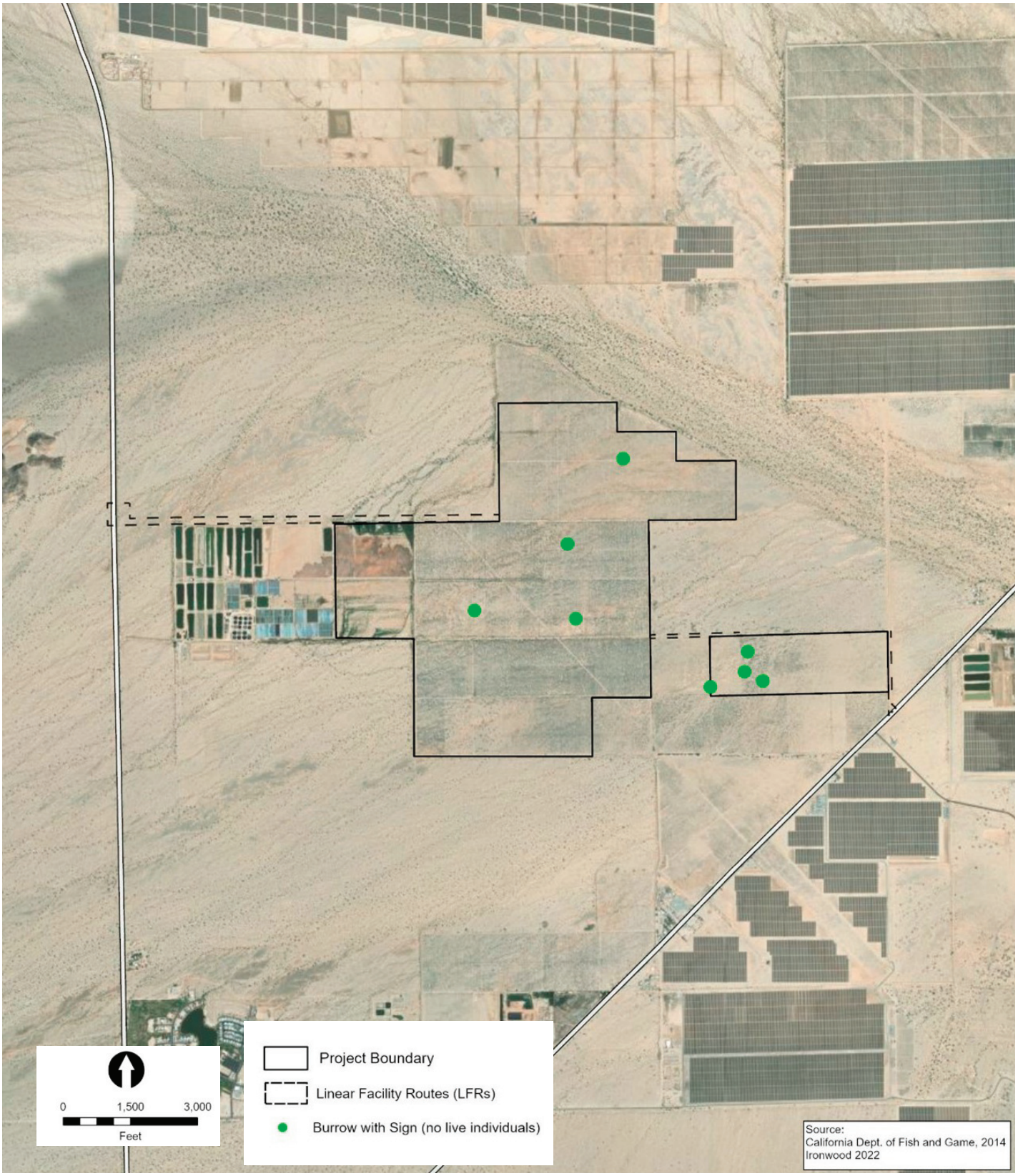
SOURCE: Ironwood Consulting 2023

DUDEK

FIGURE 3.5-3

Special Status Plants

Sapphire Solar Project



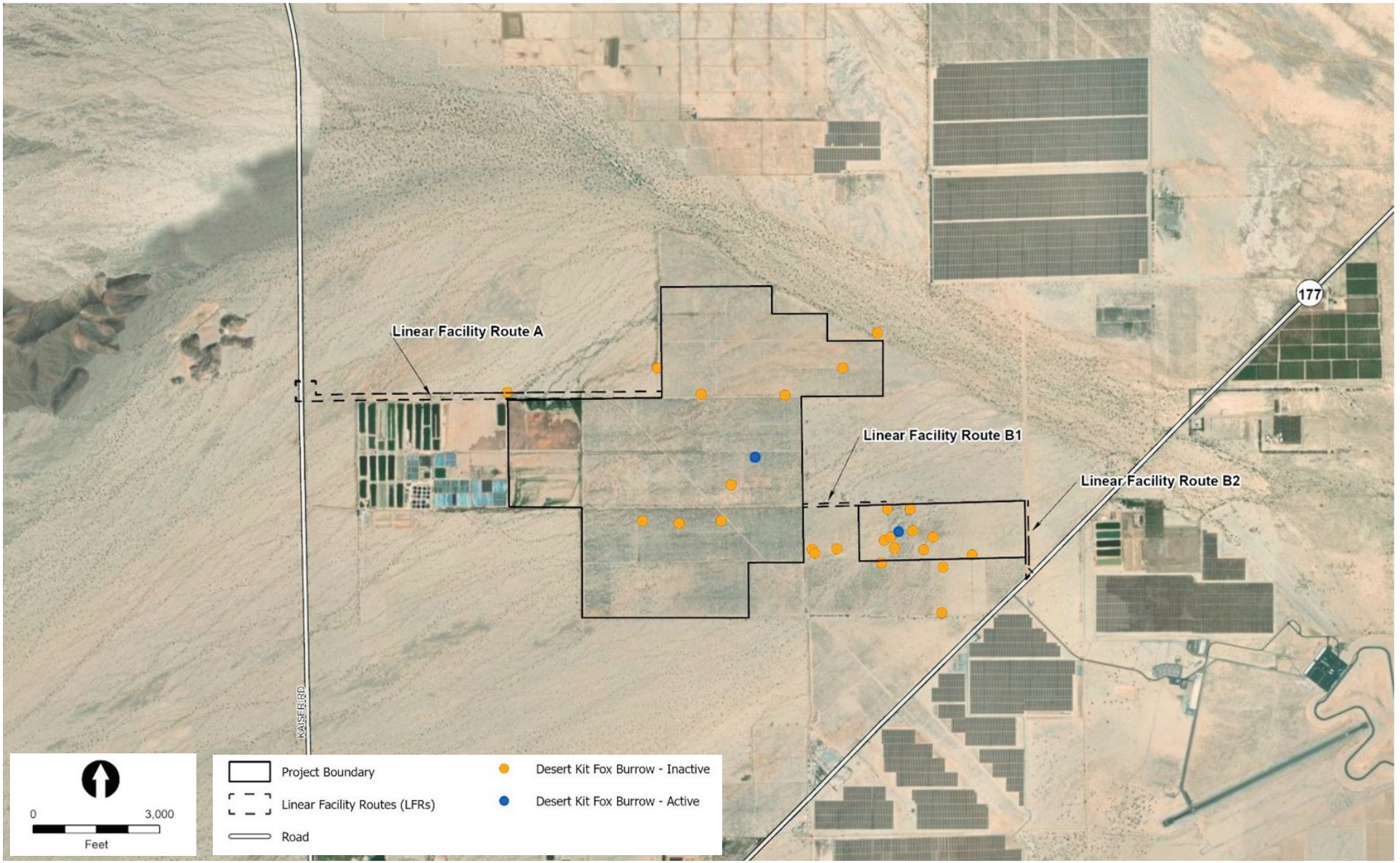
SOURCE: Ironwood Consulting 2023

FIGURE 3.5-4

Western Burrowing Owl

Sapphire Solar Project

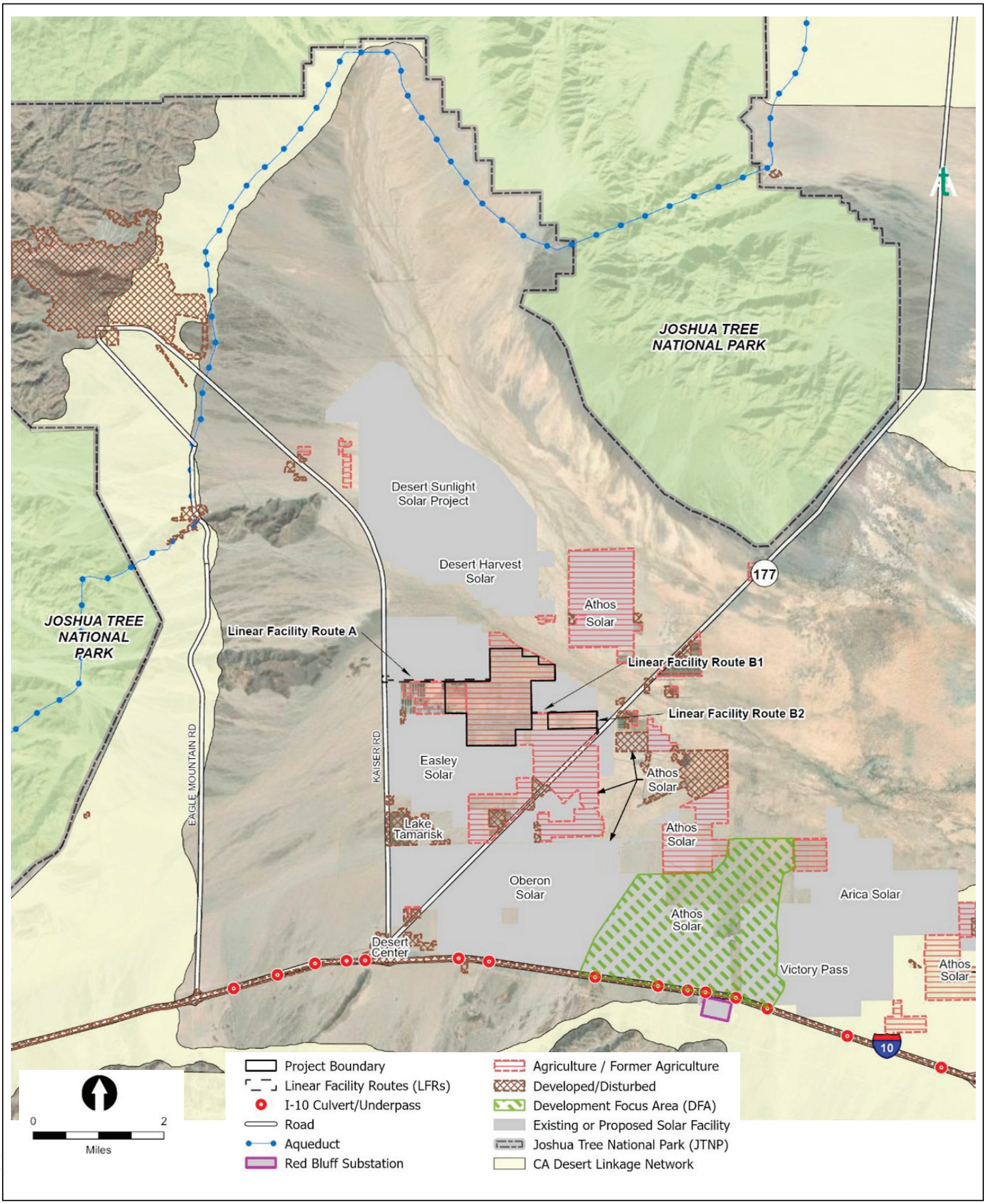
DUDEK



SOURCE: Ironwood Consulting 2023

FIGURE 3.5-5
Desert Kit Fox
Sapphire Solar Project

DUDEK



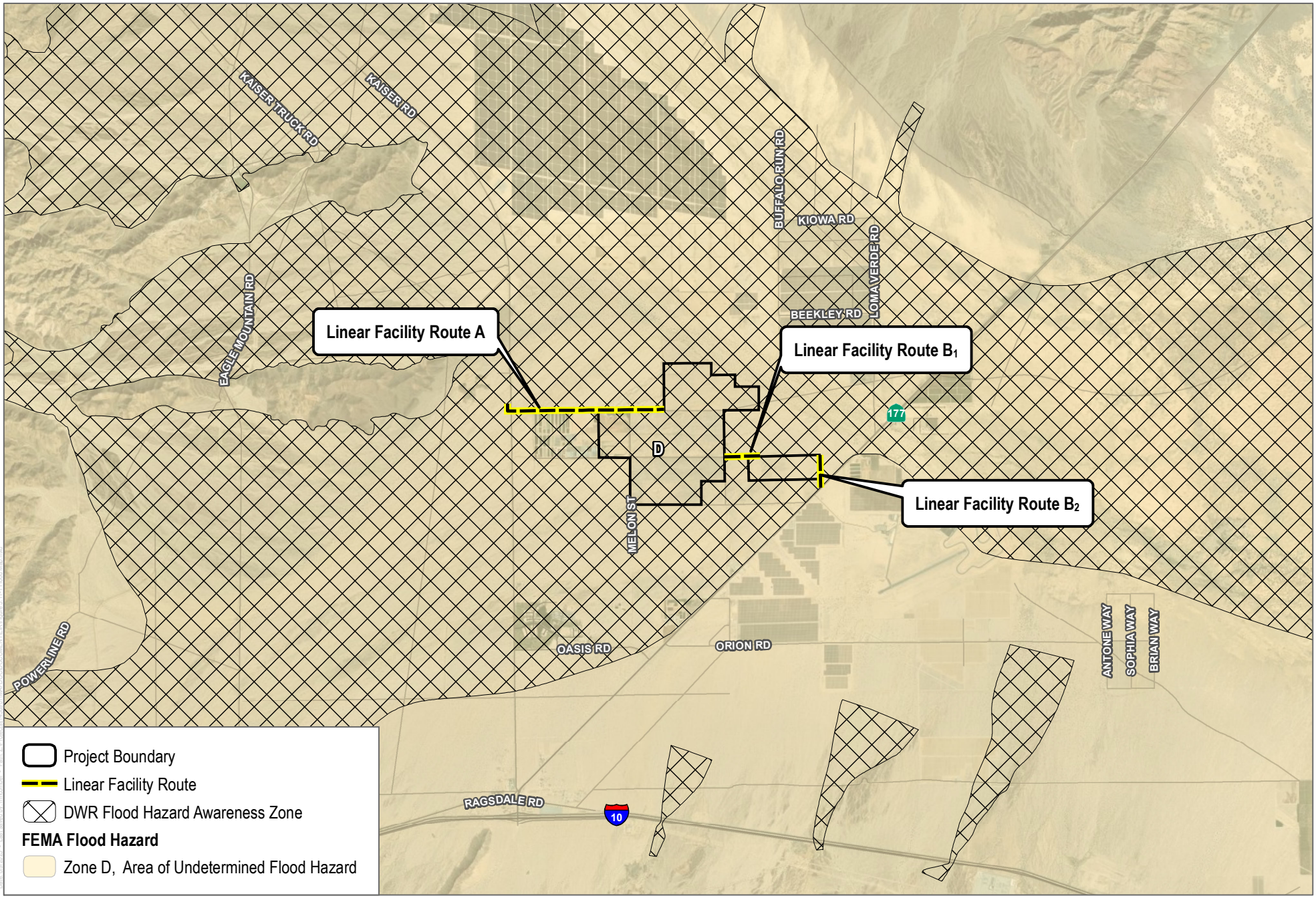
SOURCE: Ironwood Consulting 2023

FIGURE 3.5-6

Wildlife Connectivity

Sapphire Solar Project

DUDEK



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; FEMA 2023; DWR 2023

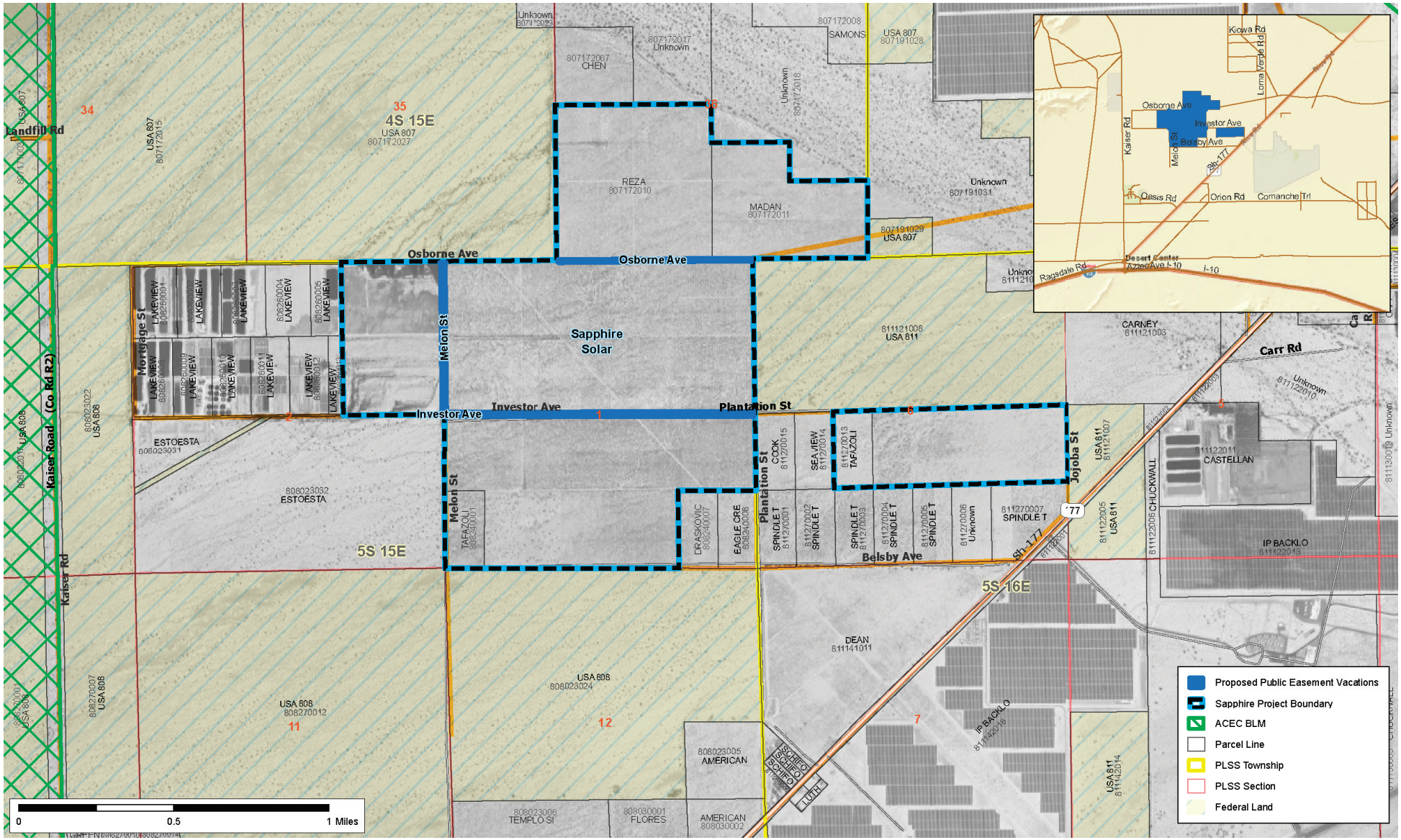
DUDEK

0 0.5 1 Miles

FIGURE 3.11-1

Flood Map

Sapphire Solar Project



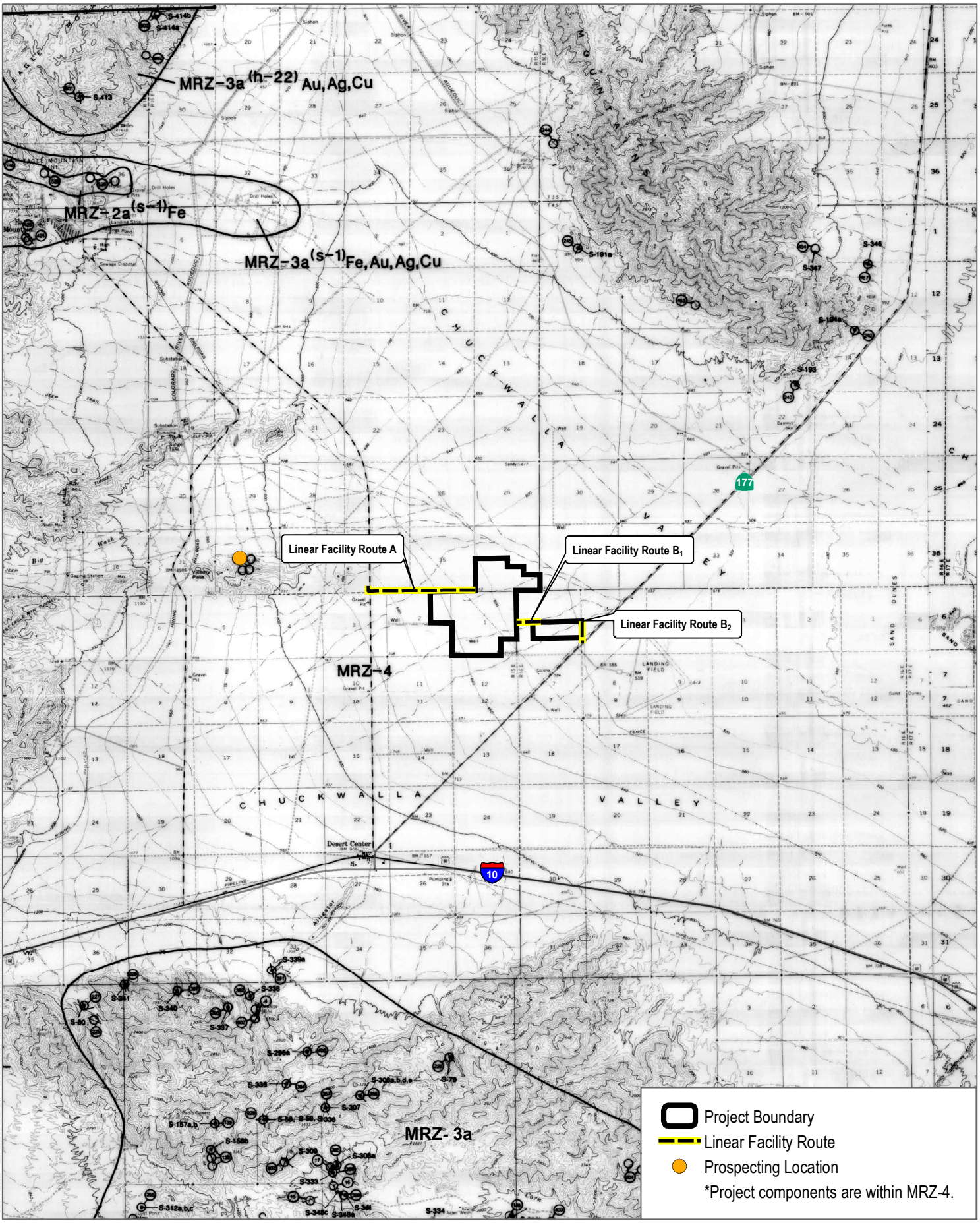
SOURCE: EDF 2023

FIGURE 3.12-1

Public Easement Vacations

Sapphire Solar Project

DUDEK



SOURCE: USGS 1994

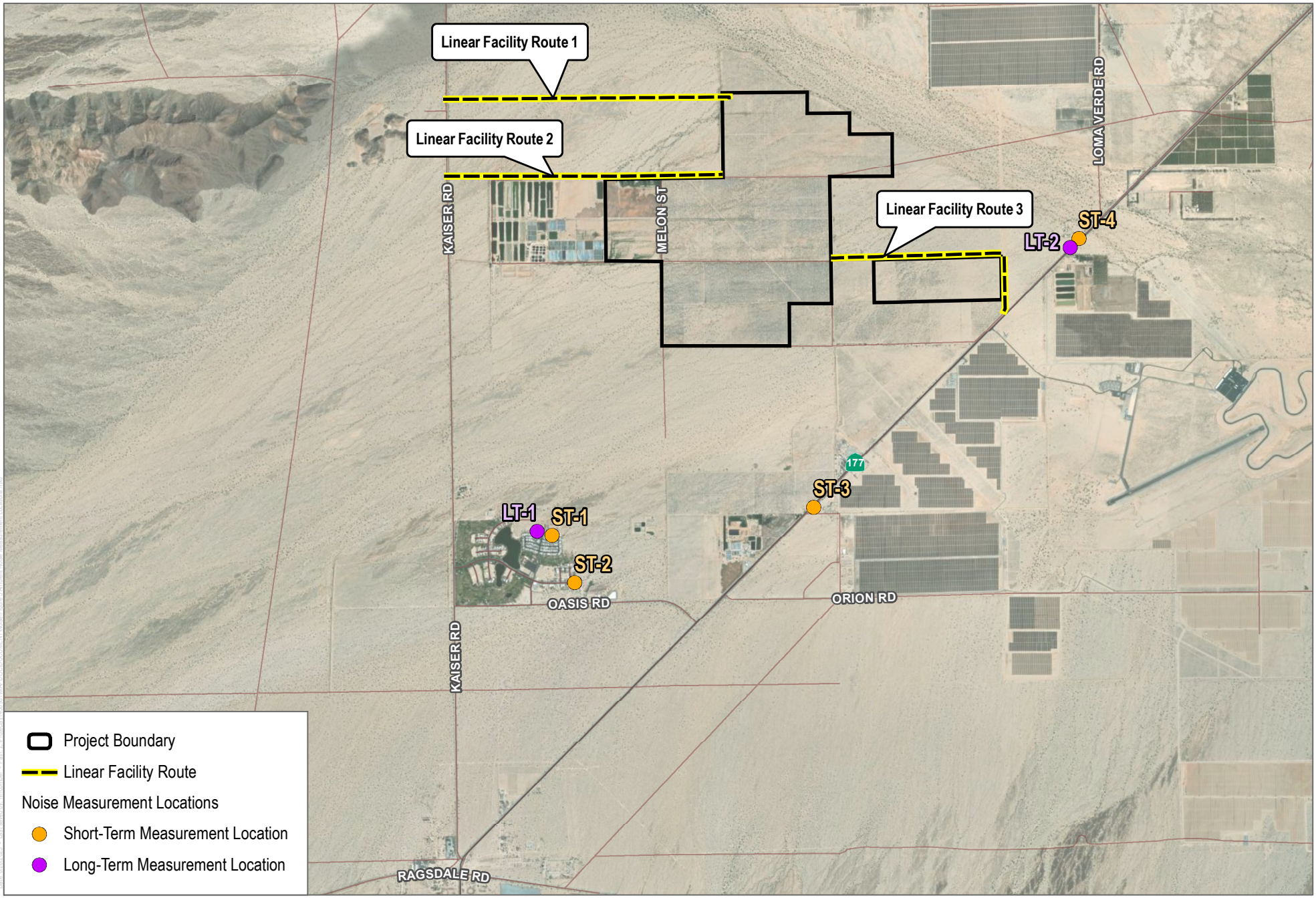
DUDEK

0 5,000 10,000 Feet

FIGURE 3.13-1

Mineral Resource Zones

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; CALFIRE 2022

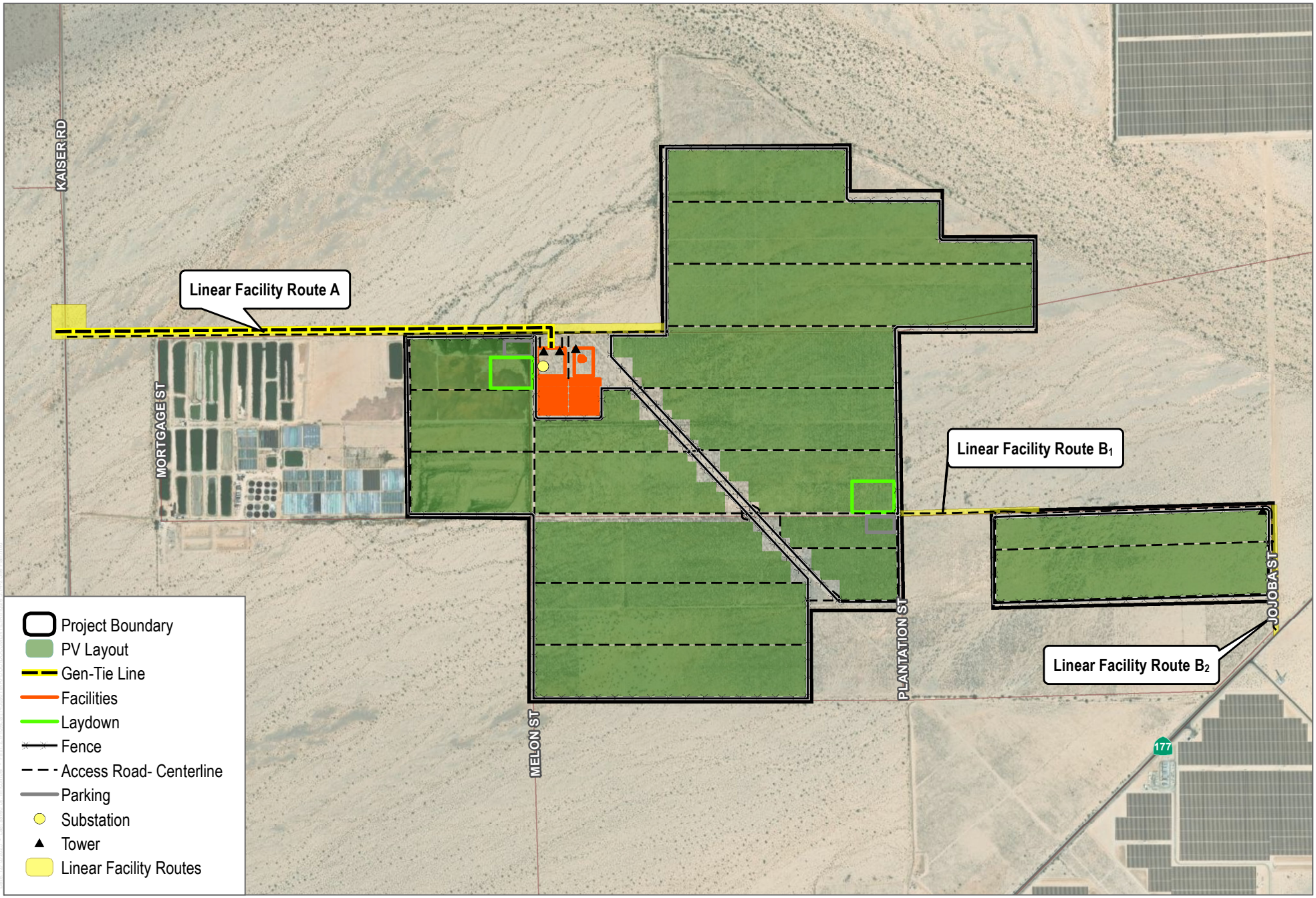
DUDEK

0 2,000 4,000 Feet

FIGURE 3.14-1

Ambient Noise Measurement Locations

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; BLM 2022; EDF 2023

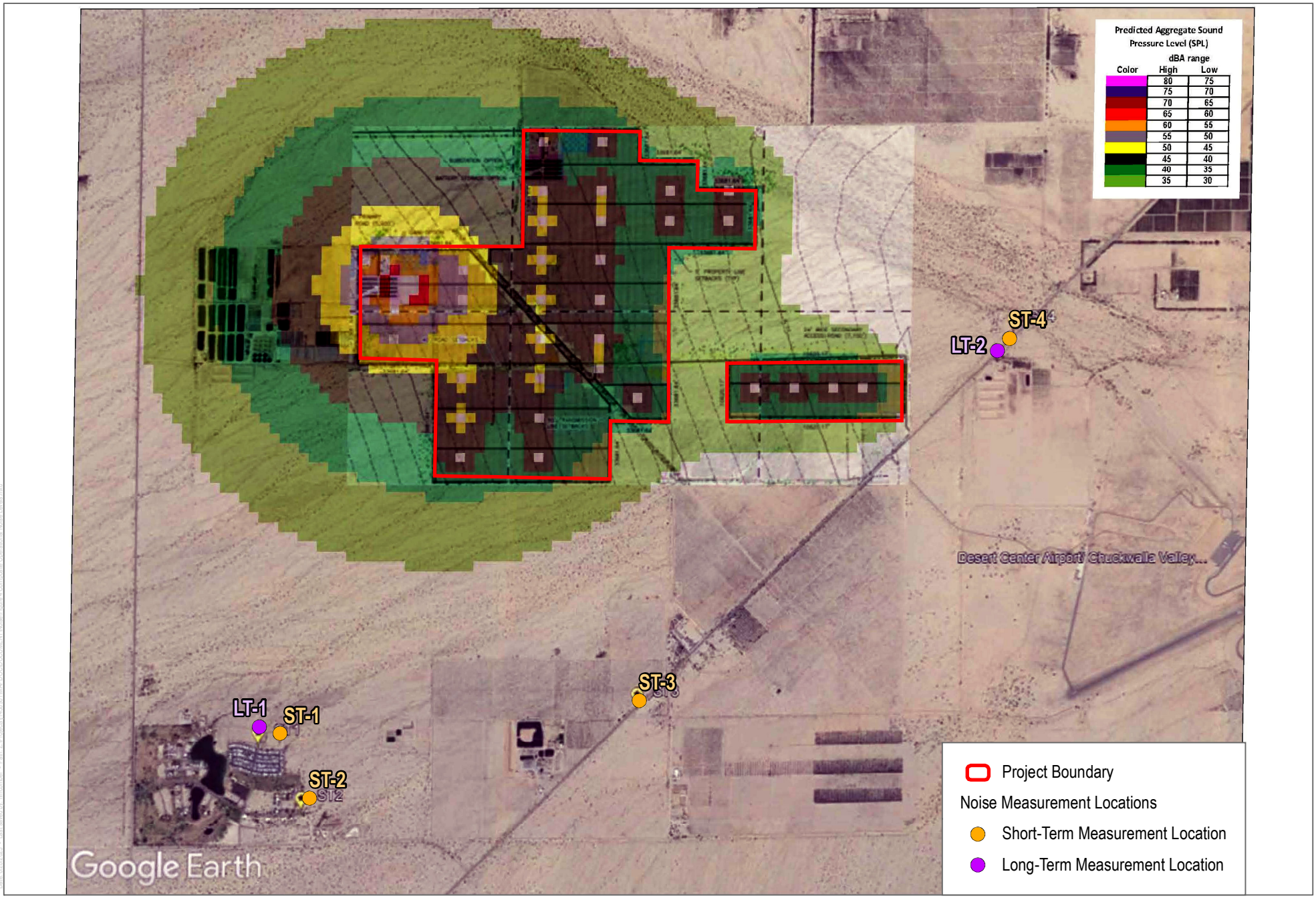
DUDEK

0 900 1,800 Feet

FIGURE 3.14-2

Site Plan

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; CALFIRE 2022

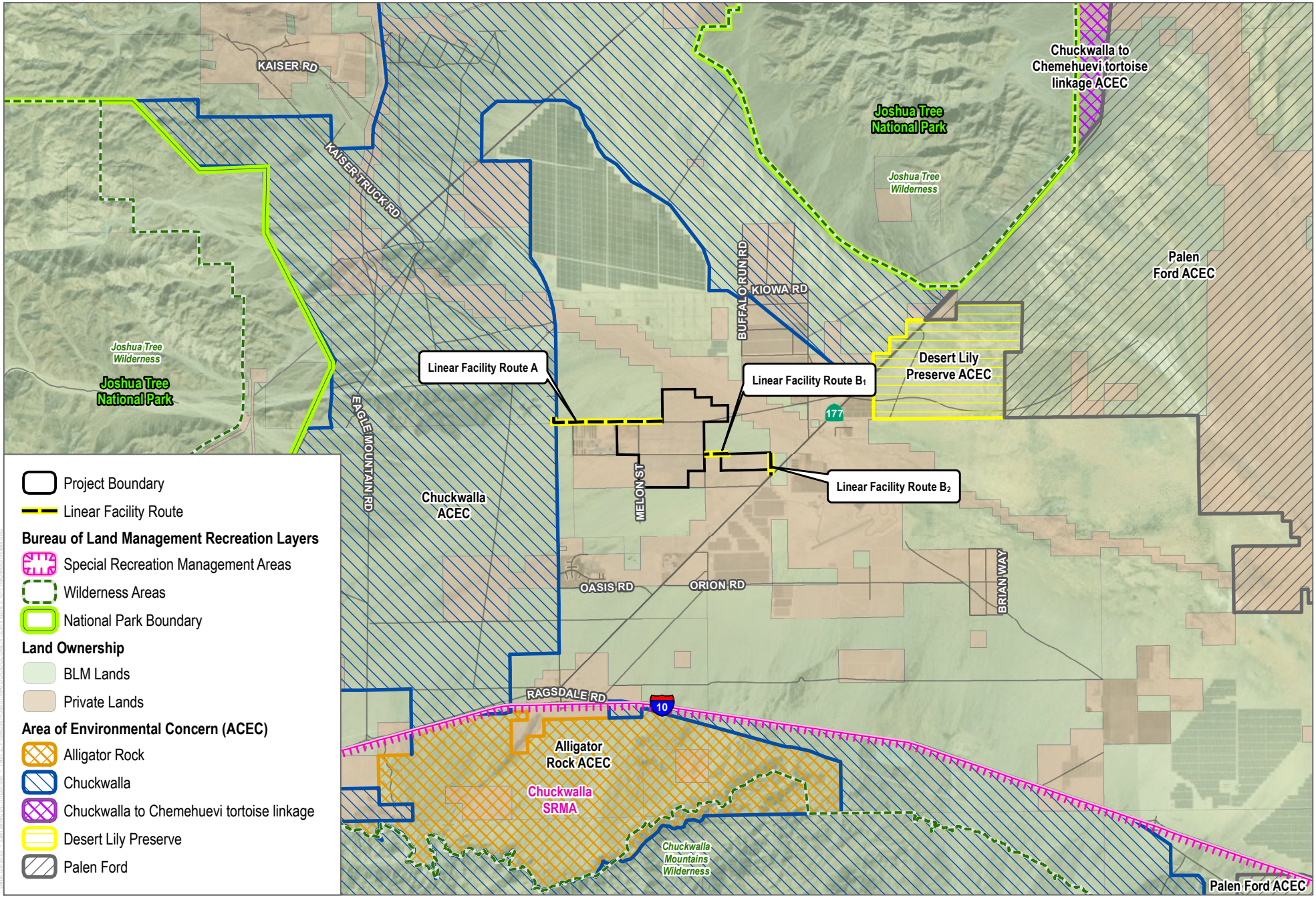
DUDEK

0 1,450 2,900 Feet

FIGURE3.14-3

Composite Operational Noise Levels

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; CALFIRE 2022; BLM 2023

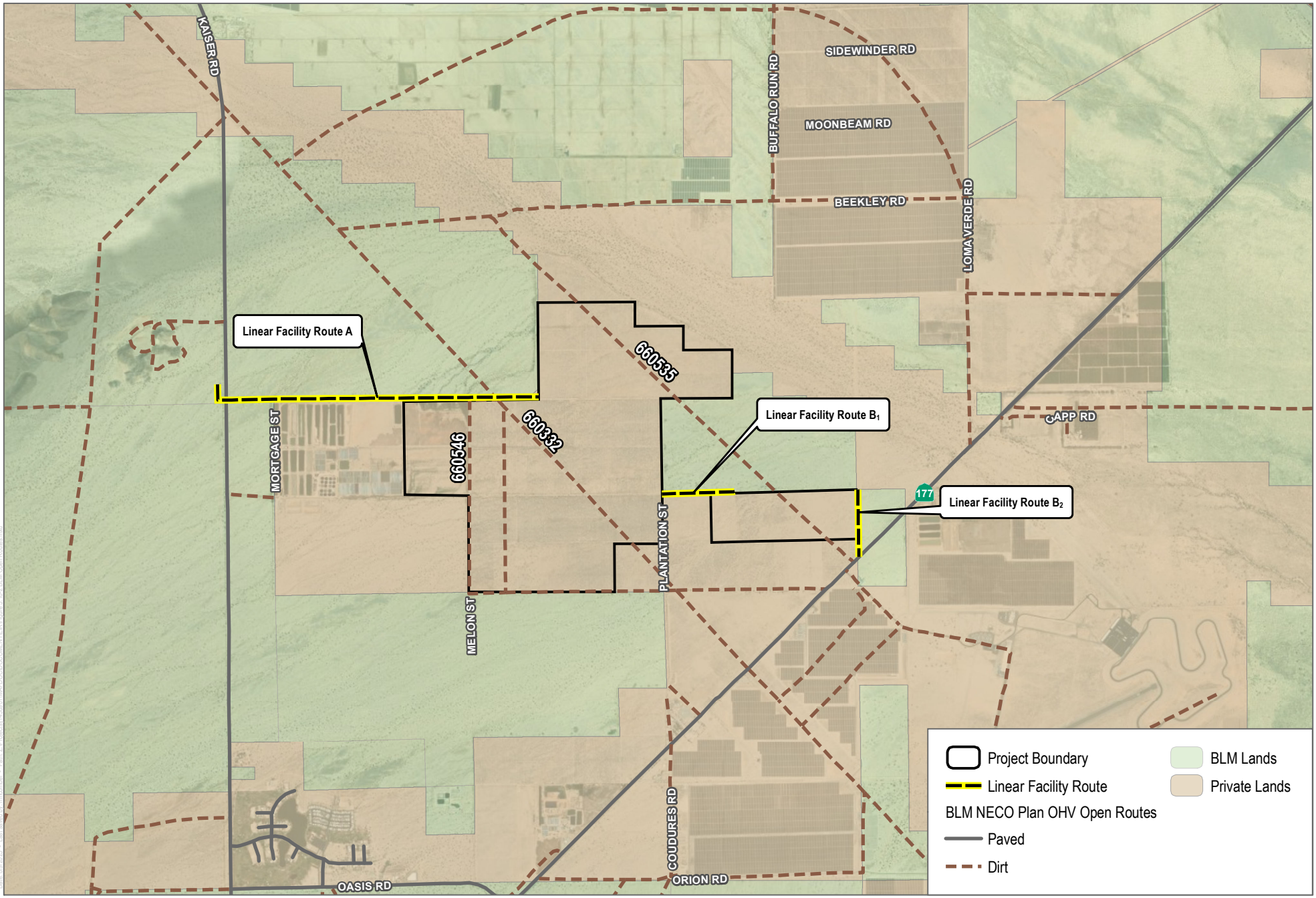
DUDEK

0 0.75 1.5 Miles

FIGURE 3.18-1

Recreation Areas

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; CALFIRE 2022; BLM 2023

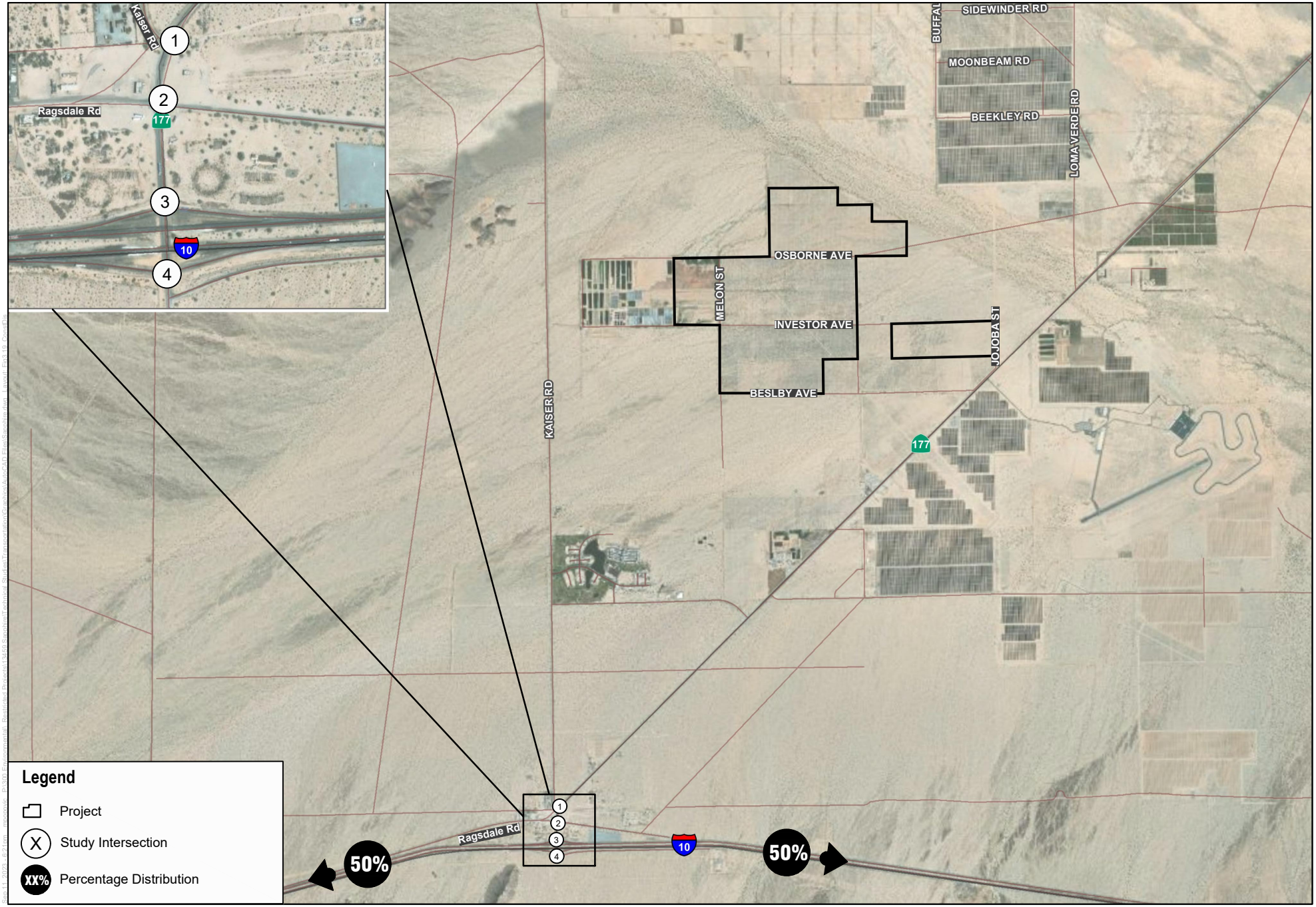
DUDEK

0 1,700 3,400 Feet

FIGURE 3.18-2

BLM Open Routes

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap 2022; County of Riverside 2022

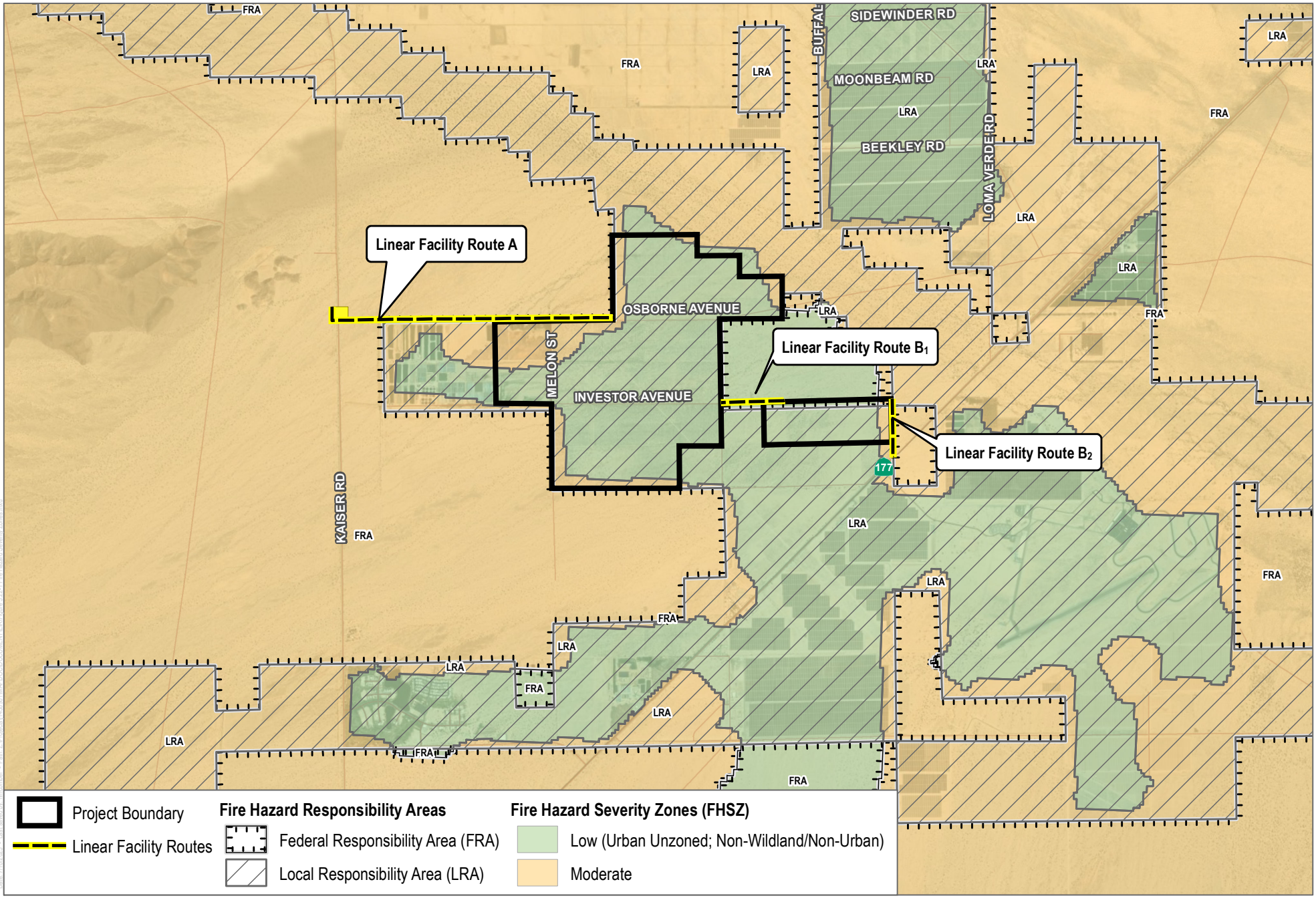
DUDEK

Not to Scale

FIGURE 3.19-1

Site Access and Transportation Study Area

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; CALFIRE 2023

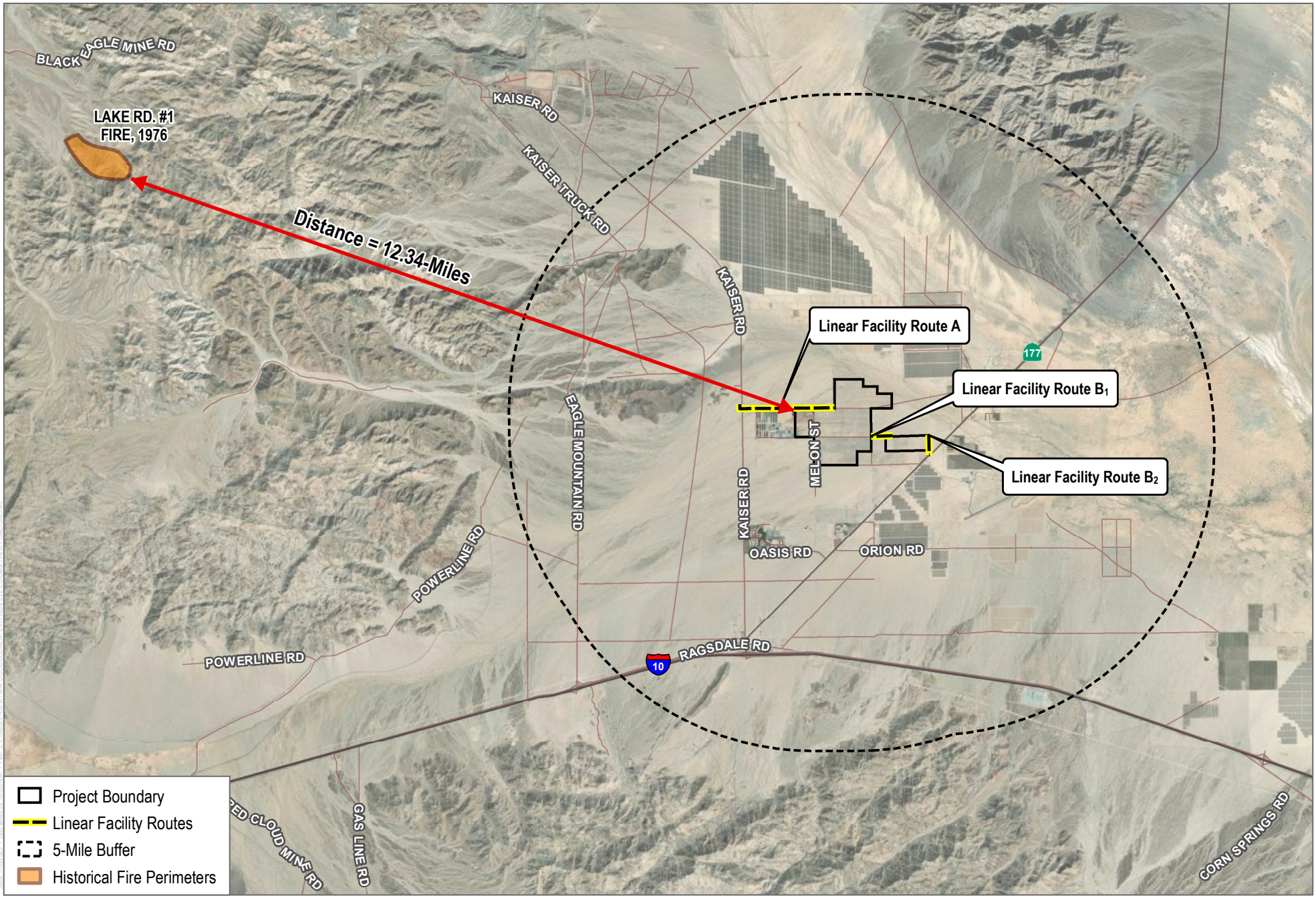
DUDEK

0 2,000 4,000 Feet

FIGURE 3.22-1

Fire Hazard Severity Zones

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; CALFIRE 2023

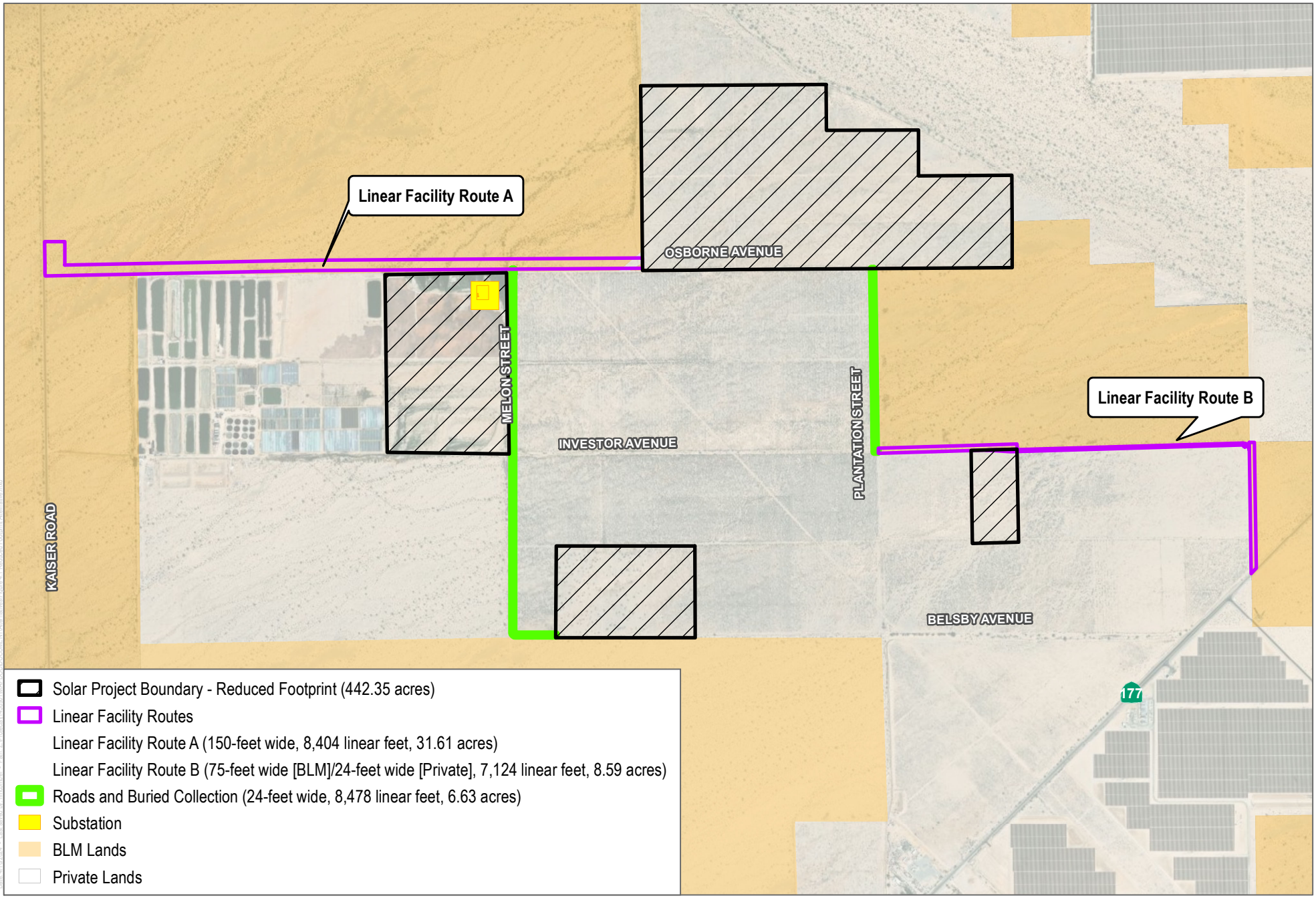
DUDEK

0 1.5 3 Miles

FIGURE 3.22-2

Closest Fire to Project Site

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; BLM 2022

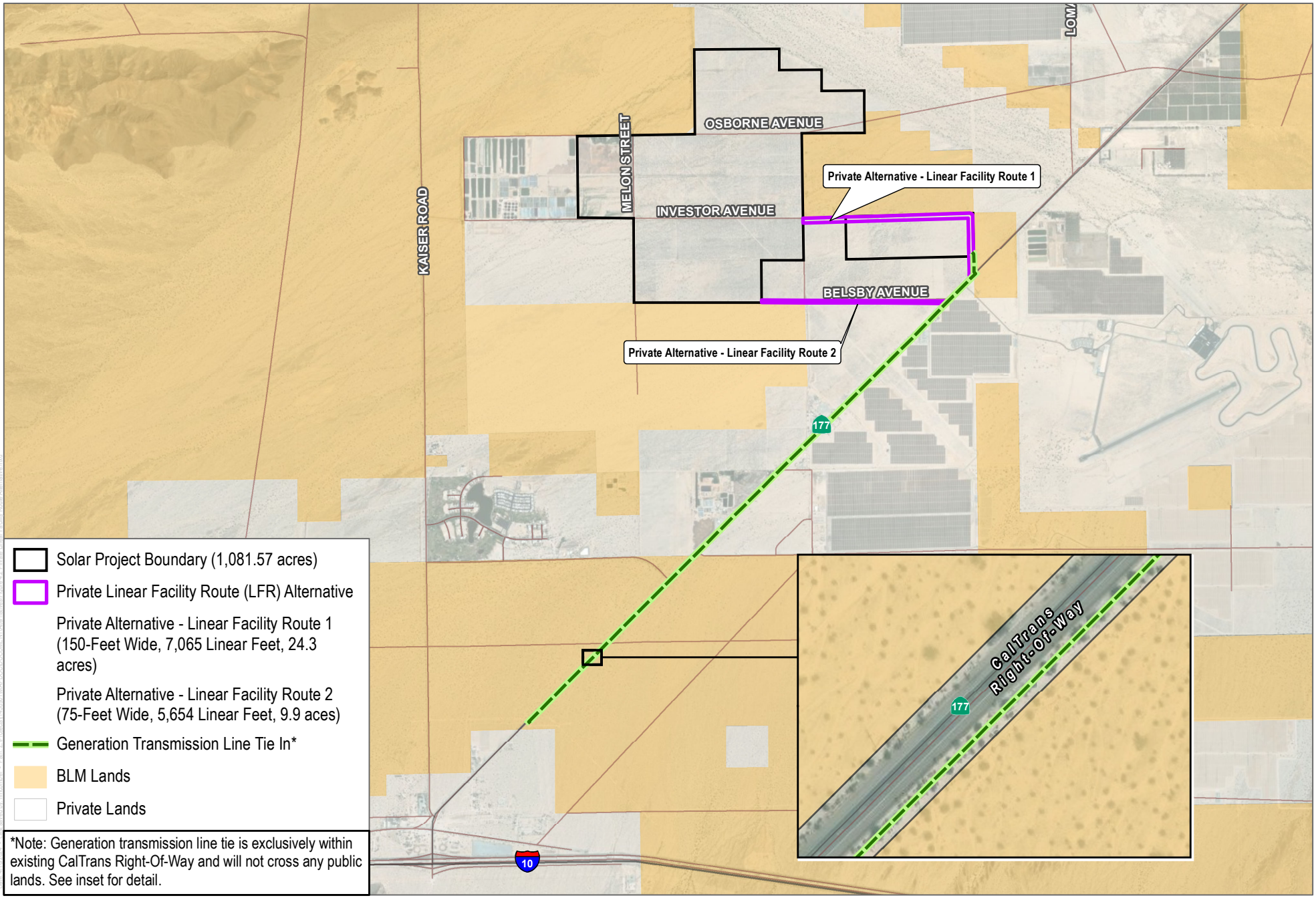
DUDEK

0 2,000 4,000 Feet

FIGURE 4.1

Reduced Footprint Alternative

Sapphire Solar Project



SOURCE: Esri World Imagery Basemap (accessed 2022); County of Riverside 2022; BLM 2022

DUDEK

0 2,000 4,000 Feet

FIGURE 4.2

Private Linear Facility Route Alternative

Sapphire Solar Project