

Project Studies and CHRIS Record Search



To: James Golden
Kern County Planning & Natural Resources Dept.
2700 M Street, Suite 250
Bakersfield, CA 93301

Record Search 18-305

Date: July 24, 2018

Re: CD Project No. 32.17.1 – Rosamond Boulevard Pedestrian Sidewalk Improvements; 20th Street Area Expansion

County: Kern

Map(s): Rosamond 7.5'

CULTURAL RESOURCES RECORDS SEARCH

The California Office of Historic Preservation (OHP) contracts with the California Historical Resources Information System's (CHRIS) regional Information Centers (ICs) to maintain information in the CHRIS inventory and make it available to local, state, and federal agencies, cultural resource professionals, Native American tribes, researchers, and the public. Recommendations made by IC coordinators or their staff regarding the interpretation and application of this information are advisory only. Such recommendations do not necessarily represent the evaluation or opinion of the State Historic Preservation Officer in carrying out the OHP's regulatory authority under federal and state law.

The following are the results of a search of the cultural resource files at the Southern San Joaquin Valley Information Center. These files include known and recorded cultural resources sites, inventory and excavation reports filed with this office, and resources listed on the National Register of Historic Places, Historic Property Directory, California State Historical Landmarks, California Register of Historical Resources, California Inventory of Historic Resources, and California Points of Historical Interest. Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area.

PRIOR CULTURAL RESOURCE STUDIES CONDUCTED WITHIN THE PROJECT AREA AND WITHIN THE ONE-HALF MILE RADIUS

According to the information in our files, there have been three previous cultural resource studies conducted within the project area. There have been 46 additional studies conducted within the one-half mile radius. A list is enclosed

KNOWN/RECORDED CULTURAL RESOURCES WITHIN THE PROJECT AREA AND WITHIN THE ONE-HALF MILE RADIUS

There are no recorded cultural resources within project area. There are 24 resources recorded within the one-half mile radius. A list is enclosed. These resources consist primarily of prehistoric era lithic scatters and historic era trash scatters. They also include prehistoric era ground stone, a quarry, habitation debris, and burials, and an historic era rail road.

There are no recorded cultural resources within the project area or radius that are listed in the National Register of Historic Places, the California Register of Historical Resources, the California Points of Historical Interest, California Inventory of Historic Resources, or the California State Historic Landmarks.

COMMENTS AND RECOMMENDATIONS

We understand this project consists of street related improvements to Rosamond Boulevard between 20th St. West and United Street and improvements to 20th Street West between Orange Street and Rosamond Boulevard. Further, we understand all project activities will take place in the existing right-of-way. As such, no further cultural resource investigation is recommended at this time. However, this area of Kern County is considered highly sensitive for cultural resources. There is a reasonable probability that subsurface cultural resources will be encountered during ground disturbance activities. Therefore, we recommend a qualified, professional archaeologist be present during project activities to monitor and identify any unearthed cultural resources and make the appropriate mitigation recommendations. A list of qualified consultants can be found at www.chrisinfo.org.

We also recommend that you contact the Native American Heritage Commission in Sacramento. They will provide you with a current list of Native American individuals/organizations that can assist you with information regarding cultural resources that may not be included in the CHRIS Inventory and that may be of concern to the Native groups in the area. The Commission can consult their "Sacred Lands Inventory" file in order to determine what sacred resources, if any, exist within this project area and the way in which these resources might be managed. Finally, please consult with the lead agency on this project to determine if any other cultural resource investigation is required. If you need any additional information or have any questions or concerns, please contact our office at (661) 654-2289.

By:

Celeste M. Thomson, Coordinator

Date: July 24, 2018

Please note that invoices for Information Center services will be sent under separate cover from the California State University, Bakersfield Accounting Office.

Reports in PA: KE-

278

1028

4132

Reports in .5 Mi: KE-

3

38

130

203

374

376

459

543

706

729

746

764

766

813

1281

1304

1370

1527

1610

1625

1887

2286

2323

2954

3141

3212

3257

3267

3309

3363

3406

3448

3484

3549

3558

3561

3576

3816

3821

3863

4100

4135

4136

4138

4153

4514

Resources in .5 Mi: P-15-

2050

2314

2508

2511

2572

2736

2737

2739

3295

3852

3869

3870

4223

4224

4770

4771

4783

4784

4785

7627

7628

7649

10403

16003

MEMORANDUM**PADRE ASSOCIATES, INC.**

3500 Coffee Road, Suite B
Bakersfield, CA 93308

Tel: 661-829-2686

Fax: 661-829-2689



To: Yolanda Alcantar, Supervising Planner
Kern County Public Works Department

Date: October 10, 2015

From: Andrew Krause, Project Biologist

Subject: Rosamond Sidewalks
Biological Technical Memorandum

Project Description: The Kern County Public Works Department proposes to construct a pedestrian sidewalk path within the exiting road rights-of-way (R/W) of the following streets: Rosamond Blvd., from Elberta Street, headed West, to just East of the railroad tracks on the North side of Rosamond Boulevard. Improvements will include installation of curbs, gutters, drive-approaches, five-foot-wide sidewalks. In order to facilitate the proposed improvements some exiting asphalt, concrete and pavement markings will be removed.

All disturbances will occur within the existing R/W and would not exceed a distance of seven feet from the outer edge of existing road pavement. Several *Tamarisk* sp. trees will be removed Right-of-Way (R/W) between Elberta Street and Park Avenue and several ornamental Acacia trees between Park Avenue and 15th Street West are also planned for removal. No landscaping activities are proposed. Excavation depth would not exceed 2.5 feet. Equipment staging areas would be limited to available on-street parking within the R/W.

Purpose and Need: The project purpose is to provide safe alternative transportation (pedestrian) routes for students and residents to access local businesses and bus stops.

Existing Environment: The project is located in an unincorporated area of Kern County within the community of Rosamond, CA. The area is developed and urbanized with institutional, commercial and residential land uses existing within the immediate project vicinity.

Each of the habitat types, and their commonly associated wildlife species, found in the project area, are described below:

Ruderal Habitat. Ruderal habitat is associated with unpaved highway R/W and weedy areas around and between structures, which are routinely maintained by mowing, weeding and herbicide application.

Ruderal habitat was observed at multiple locations along Rosamond Blvd. that contained weedy and ornamental plant species.

Disturbed/Developed Habitat. Disturbed areas are lands that have been altered by human actions such that the natural communities no longer exist. Disturbed areas generally consist of ruderal species, or are un-vegetated. Developed areas consist of all artificial structures within the project area including the paved travel-way, dirt pathways, and irrigation corridors to support the adjacent agriculture uses.

Rosamond Blvd. contains disturbed/developed habitat in the form of residential and commercial drive ways and lawns and/or paved areas with asphalt or pre-existing sidewalks and ornamental vegetation. The project area is a major access through the community of Rosamond.

Study Methods: The California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDDB), the United States Fish and Wildlife Service's (USFWS), and the California Native Plant Society's (CNPS) websites were queried using the Rosamond 7.5-minute United States Geological Survey (USGS) quadrangle maps and can be found in the Appendix of this memorandum.

Based on knowledge of the area, the quality of the surrounding habitats, and information obtained from current literature review, protocol level surveys for state and federally-listed special-status plants or animals were deemed unnecessary due to the disturbed nature of the habitat within the project area and adjacent land use.

Findings and Discussion: The area surveyed consisted of residential and commercial development. No natural habitat was present within the areas planned for sidewalk improvements. Plant species observed were limited to non-native weeds and landscape species. The tree and landscaping planned for removal should be examined for nesting birds prior to the start of construction/removal activities. Project activities should not impact habitat for any other special-status plant or wildlife species.

As required by the Migratory Bird Treaty Act (MBTA), all trees will need to be inspected for active nests prior to removal to avoid take and stay within compliance of the MBTA to protect any potential nesting bird species.

Conclusion: Due to the nature of the project, the lack of natural habitat, and the high level of disturbance within and adjacent to the project area, construction of the project will not affect any federally-listed, state-listed, or special status species or their habitat. No United States Army Corps of Engineers (ACOE) or CDFW jurisdictional waterways will be affected by the project. No biological permits will be required.

If you have any questions, please contact Ms. Dawn Bradley or myself, Andrew Krause, at 661-829-2686 or email at dbradley@padreinc.com or akrause@padreinc.com, respectively.

Appendix:

Photolog of Project Area
CNDDDB Species List for Rosamond Quad
CNPS Plant List
USFWS iPAC Species List

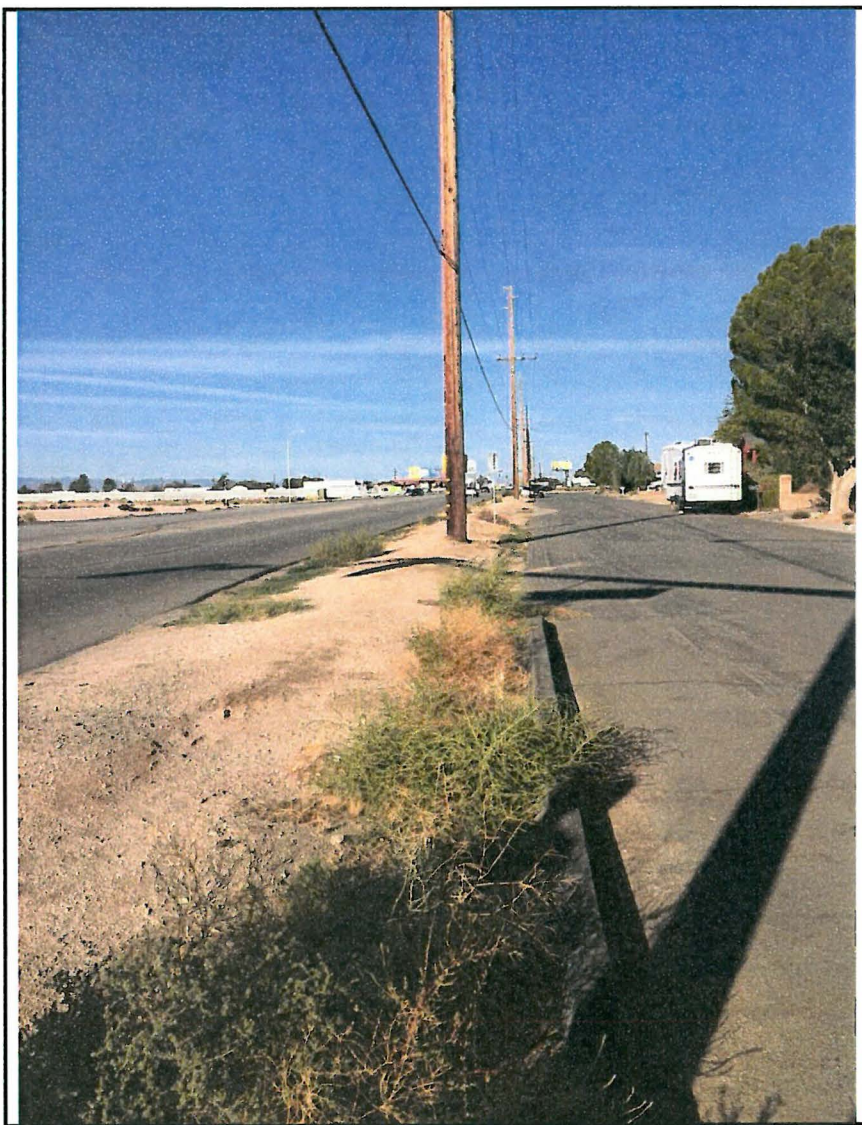


Photo 1: View facing west of disturbed area proposed for sidewalk construction.



Selected Elements by Scientific Name
California Department of Fish and Wildlife
California Natural Diversity Database



Query Criteria: Quad is (Rosamond (3411872))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
<i>Agelaius tricolor</i> tricolored blackbird	ABPBXB0020	None	None	G2G3	S1S2	SSC
<i>Athene cunicularia</i> burrowing owl	ABNSB10010	None	None	G4	S3	SSC
<i>Buteo regalis</i> ferruginous hawk	ABNKC19120	None	None	G4	S3S4	WL
<i>Calochortus striatus</i> alkali mariposa-lily	PMLIL0D190	None	None	G3	S3	1B.2
<i>Charadrius montanus</i> mountain plover	ABNNB03100	None	None	G3	S2?	SSC
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	AMACC08010	None	Candidate Threatened	G3G4	S2	SSC
<i>Eriastrum rosamondense</i> Rosamond eriastrum	PDPLM030G0	None	None	G1	S1	1B.1
<i>Falco columbarius</i> merlin	ABNKD06030	None	None	G5	S3S4	WL
<i>Loeflingia squarrosa</i> var. <i>artemisiarum</i> sagebrush loeflingia	PDCAR0E011	None	None	G5T2T3	S2	2B.2
<i>Plegadis chihi</i> white-faced ibis	ABNGE02020	None	None	G5	S3S4	WL
<i>Xerospermophilus mohavensis</i> Mohave ground squirrel	AMAFB05150	None	Threatened	G2G3	S2S3	

Record Count: 11

Rare and Endangered Plant Inventory

Plant List

19 matches found. [Click on scientific name for details](#)

Search Criteria

Found in 9 Quads around 34118G2

[Modify Search Criteria](#) [Export to Excel](#) [Modify Columns](#) [Modify Sort](#) [Display Photos](#)

Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank
Astragalus hornii var. hornii	Horn's milk-vetch	Fabaceae	annual herb	1B.1	S1	G4G5T2T3
Astragalus preussii var. laxiflorus	Lancaster milk-vetch	Fabaceae	perennial herb	1B.1	S1	G4T2
Calochortus striatus	alkali mariposa lily	Liliaceae	perennial bulbiferous herb	1B.2	S3	G3
Calystegia peirsonii	Peirson's morning-glory	Convolvulaceae	perennial rhizomatous herb	4.2	S4	G4
Canbya candida	white pygmy-poppy	Papaveraceae	annual herb	4.2	S3S4	G3G4
Castilleja plagiotoma	Mojave paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	4.3	S4	G4
Chorizanthe parryi var. parryi	Parry's spineflower	Polygonaceae	annual herb	1B.1	S3	G3T3
Chorizanthe spinosa	Mojave spineflower	Polygonaceae	annual herb	4.2	S4	G4
Cryptantha clokeyi	Clokey's cryptantha	Boraginaceae	annual herb	1B.2	S3	G3
Cymopterus	desert	Apiaceae	perennial herb	1B.2	S2	G2

<u>deserticola</u>	cymopterus					
<u>Delphinium recurvatum</u>	recurved larkspur	Ranunculaceae	perennial herb	1B.2	S3	G3
<u>Eriastrum rosamondense</u>	Rosamond eriastrum	Polemoniaceae	annual herb	1B.1	S1	G1
<u>Eriophyllum mohavense</u>	Barstow woolly sunflower	Asteraceae	annual herb	1B.2	S2	G2
<u>Goodmania luteola</u>	golden goodmania	Polygonaceae	annual herb	4.2	S3	G3
<u>Layia heterotricha</u>	pale-yellow layia	Asteraceae	annual herb	1B.1	S2	G2
<u>Loeflingia squarrosa var. artemisiarum</u>	sagebrush loeflingia	Caryophyllaceae	annual herb	2B.2	S2	G5T2T3
<u>Opuntia basilaris var. brachyclada</u>	short-joint beavertail	Cactaceae	perennial stem succulent	1B.2	S3	G5T3
<u>Perideridia pringlei</u>	adobe yampah	Apiaceae	perennial herb	4.3	S4	G4
<u>Syntrichopappus lemmonii</u>	Lemmon's syntrichopappus	Asteraceae	annual herb	4.3	S4	G4

Suggested Citation

CNPS, Rare Plant Program. 2015. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society, Sacramento, CA. Website <http://www.rareplants.cnps.org> [accessed 09 October 2015].

My project

IPaC Trust Resource Report

Generated October 09, 2015 10:41 AM MDT

This report is for informational purposes only and should not be used for planning or analyzing project-level impacts. For projects that require FWS review, please return to this project on the IPaC website and request an official species list from the Regulatory Documents page.



US Fish & Wildlife Service

IPaC Trust Resource Report



Project Description

NAME

My project

PROJECT CODE

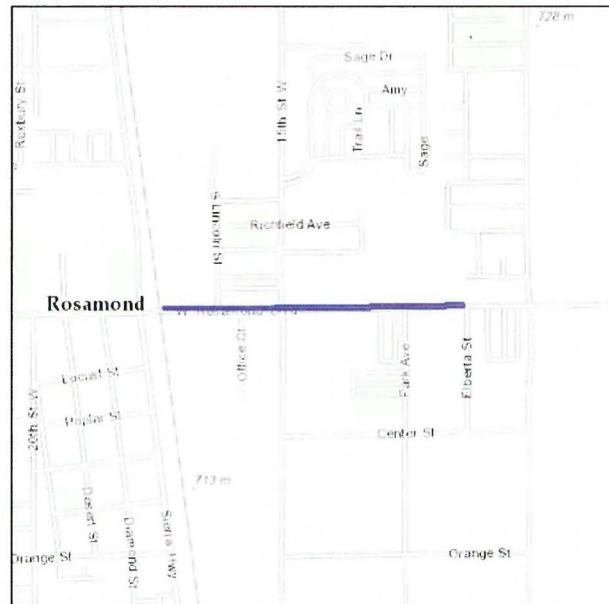
X7TVY-NHNAV-F5ZMZ-SKEUZ-SMHX5U

LOCATION

Kern County, California

DESCRIPTION

No description provided



U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

Carlsbad Fish And Wildlife Office

2177 Salk Avenue - Suite 250

Carlsbad, CA 92008-7385

(760) 431-9440

Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an official species list on the Regulatory Documents page.

Birds

California Condor *Gymnogyps californianus*

Endangered

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B002>

Western Snowy Plover *Charadrius alexandrinus nivosus*

Threatened

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B07C>

Reptiles

Desert Tortoise *Gopherus agassizii*

Threatened

CRITICAL HABITAT

There is **final** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=C04L>

Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service ([1](#)). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

Bald Eagle <i>Haliaeetus leucocephalus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008	Bird of conservation concern
Bell's Sparrow <i>Amphispiza belli</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HE	Bird of conservation concern
Brewer's Sparrow <i>Spizella breweri</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HA	Bird of conservation concern
Burrowing Owl <i>Athene cunicularia</i> Year-round	Bird of conservation concern
Cactus Wren <i>Campylorhynchus brunneicapillus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FZ	Bird of conservation concern
California Spotted Owl <i>Strix occidentalis occidentalis</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B08L	Bird of conservation concern
Cassin's Finch <i>Carpodacus cassinii</i> Year-round	Bird of conservation concern
Costa's Hummingbird <i>Calypte costae</i> Season: Breeding	Bird of conservation concern
Fox Sparrow <i>Passerella iliaca</i> Year-round	Bird of conservation concern
Lawrence's Goldfinch <i>Carduelis lawrencei</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0J8	Bird of conservation concern
Le Conte's Thrasher <i>toxostoma lecontei</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0GE	Bird of conservation concern
Least Bittern <i>Ixobrychus exilis</i> Year-round	Bird of conservation concern

Lewis's Woodpecker <i>Melanerpes lewis</i> Season: Wintering	Bird of conservation concern
Loggerhead Shrike <i>Lanius ludovicianus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FY	Bird of conservation concern
Long-billed Curlew <i>Numenius americanus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B06S	Bird of conservation concern
Mountain Plover <i>Charadrius montanus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B078	Bird of conservation concern
Oak Titmouse <i>Baeolophus inornatus</i> Year-round	Bird of conservation concern
Prairie Falcon <i>Falco mexicanus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0ER	Bird of conservation concern
Sage Thrasher <i>Oreoscoptes montanus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0ID	Bird of conservation concern
Short-eared Owl <i>Asio flammeus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HD	Bird of conservation concern
Sonoran Yellow Warbler <i>Dendroica petechia</i> ssp. <i>sonorana</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0F7	Bird of conservation concern
White Headed Woodpecker <i>Picoides albolarvatus</i> Year-round	Bird of conservation concern

Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

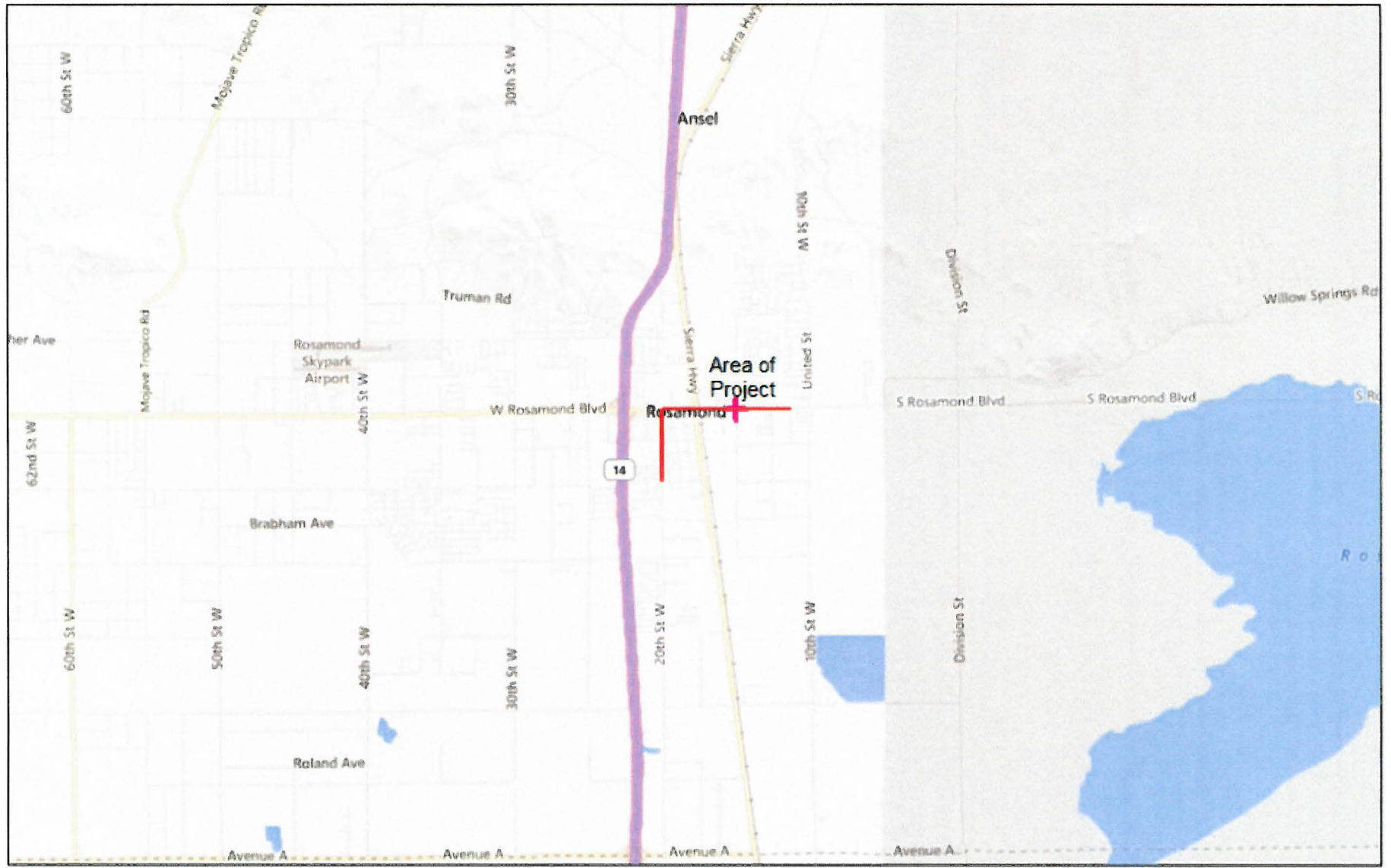
DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

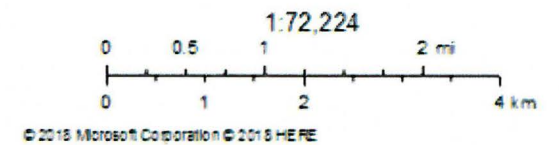
There are no wetlands identified in this project area

Project Maps

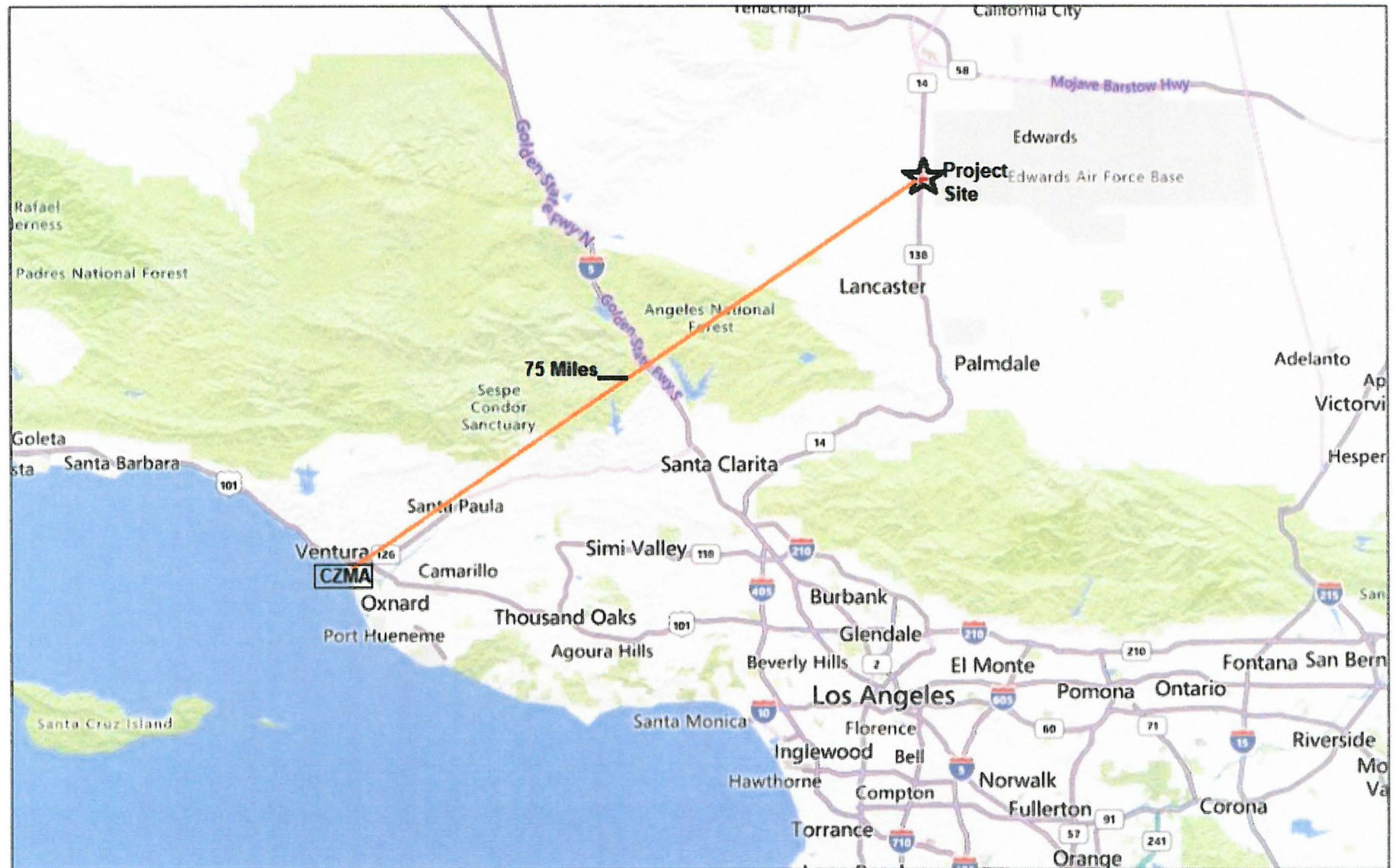
Rosamond Project Site Map



- Project
- + Search Result (point)



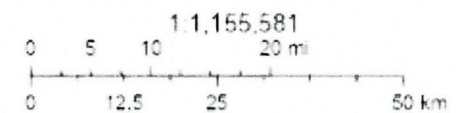
Coastal Zone Management Map



May 25, 2021



CZMA Coastal Zone Management Act



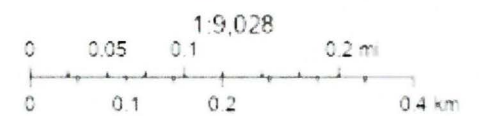
© 2021 Microsoft Corporation © 2021 TomTom

Project Area Map

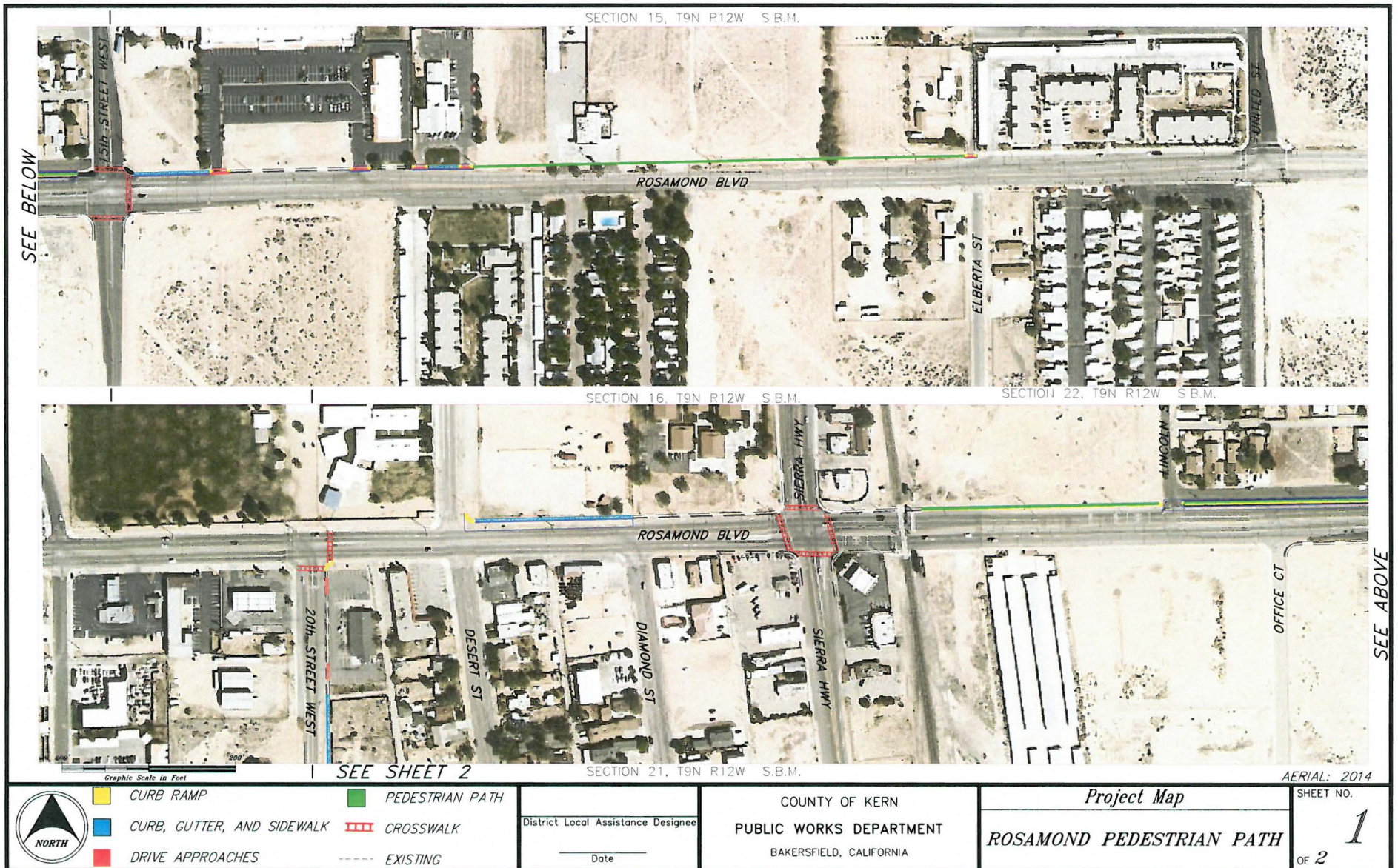


March 31, 2021

- Project 1
- + + Railroads



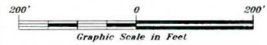
© 2021 Microsoft Corporation © 2021 TomTom. EPA (DE)



SECTION 21, T9N R12W S.B.M.



SEE SHEET 1



- | | |
|---|---|
| CURB RAMP | PEDESTRIAN PATH |
| CURB, GUTTER, AND SIDEWALK | CROSSWALK |
| DRIVE APPROACHES | EXISTING |

District Local Assistance Designee

Date

COUNTY OF KERN
PUBLIC WORKS DEPARTMENT
BAKERSFIELD, CALIFORNIA

Project Map

ROSAMOND PEDESTRIAN PATH

AERIAL: 2014

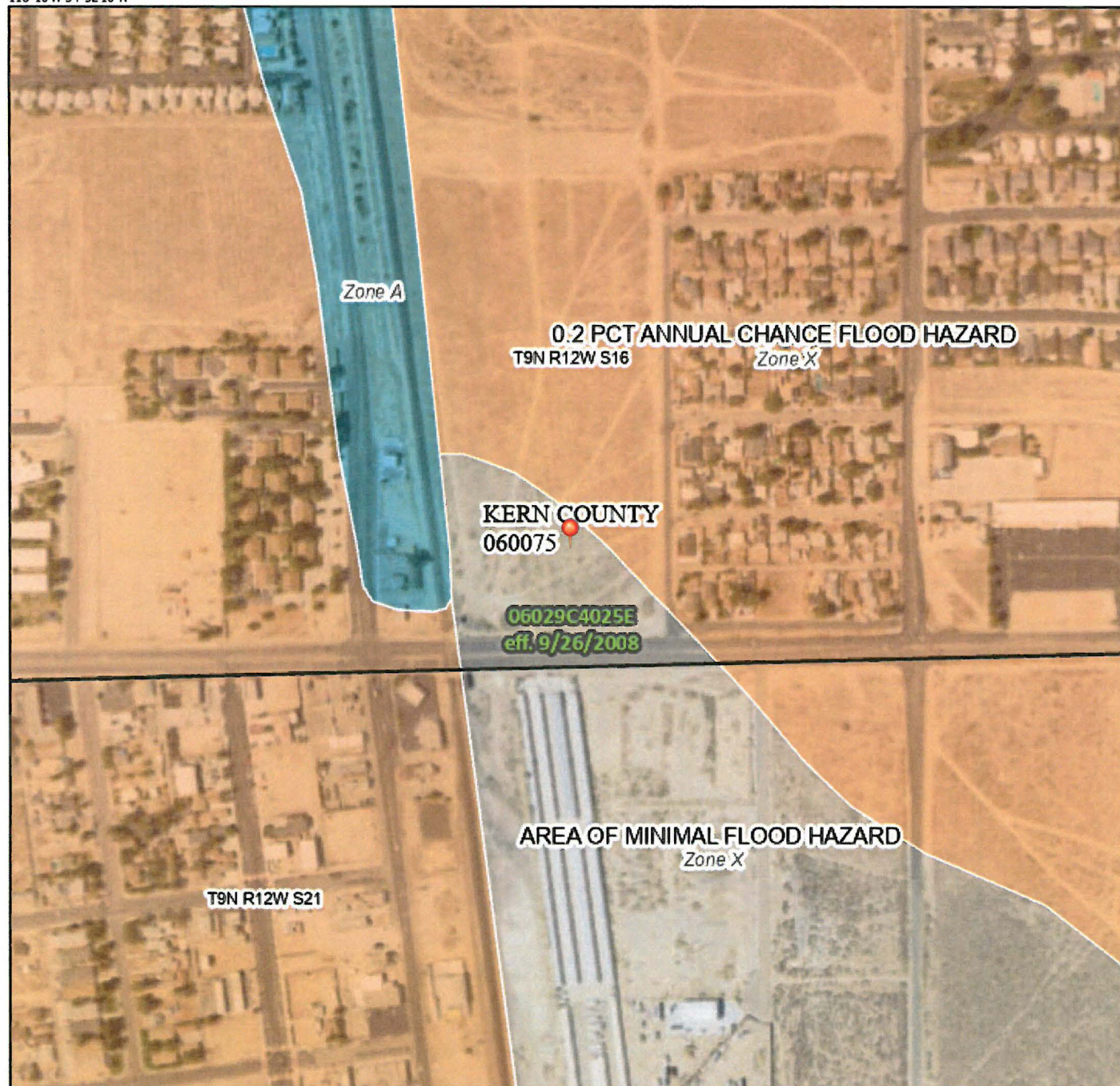
SHEET NO.

2
OF 2

National Flood Hazard Layer FIRMette



118°10'W 34°52'10"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap: USGS National Map: Ortholmagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



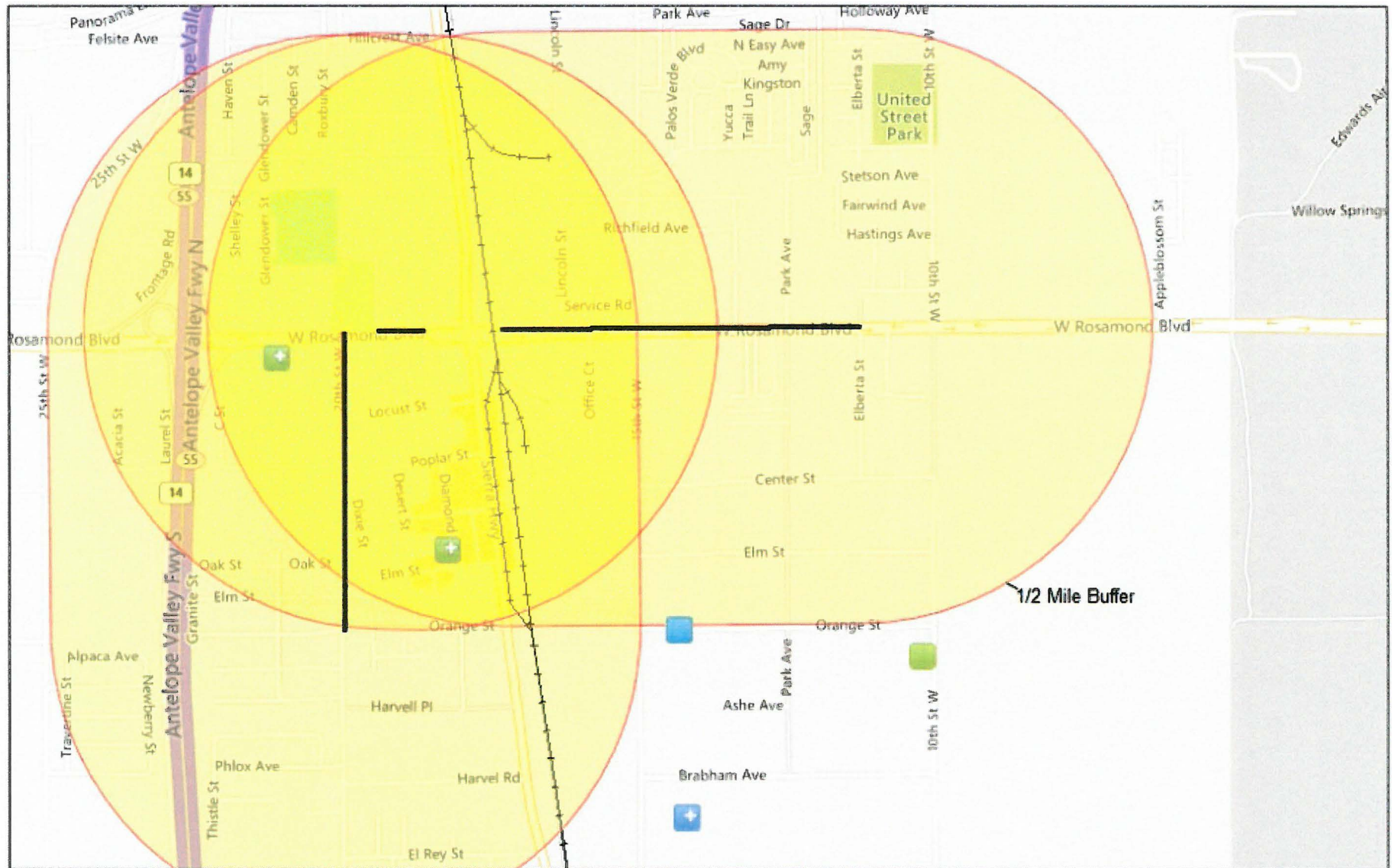
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/10/2021 at 1:59 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

EPA Facilities Map



March 31, 2021

- Toxic Releases (TRI)
- + Water Dischargers (NPDES)
- Hazardous Waste (RCRAInfo)
- + Hazardous Waste (RCRAInfo)
- Project Buffer
- Project 1
- Railroads

