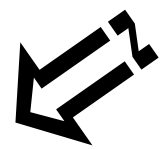


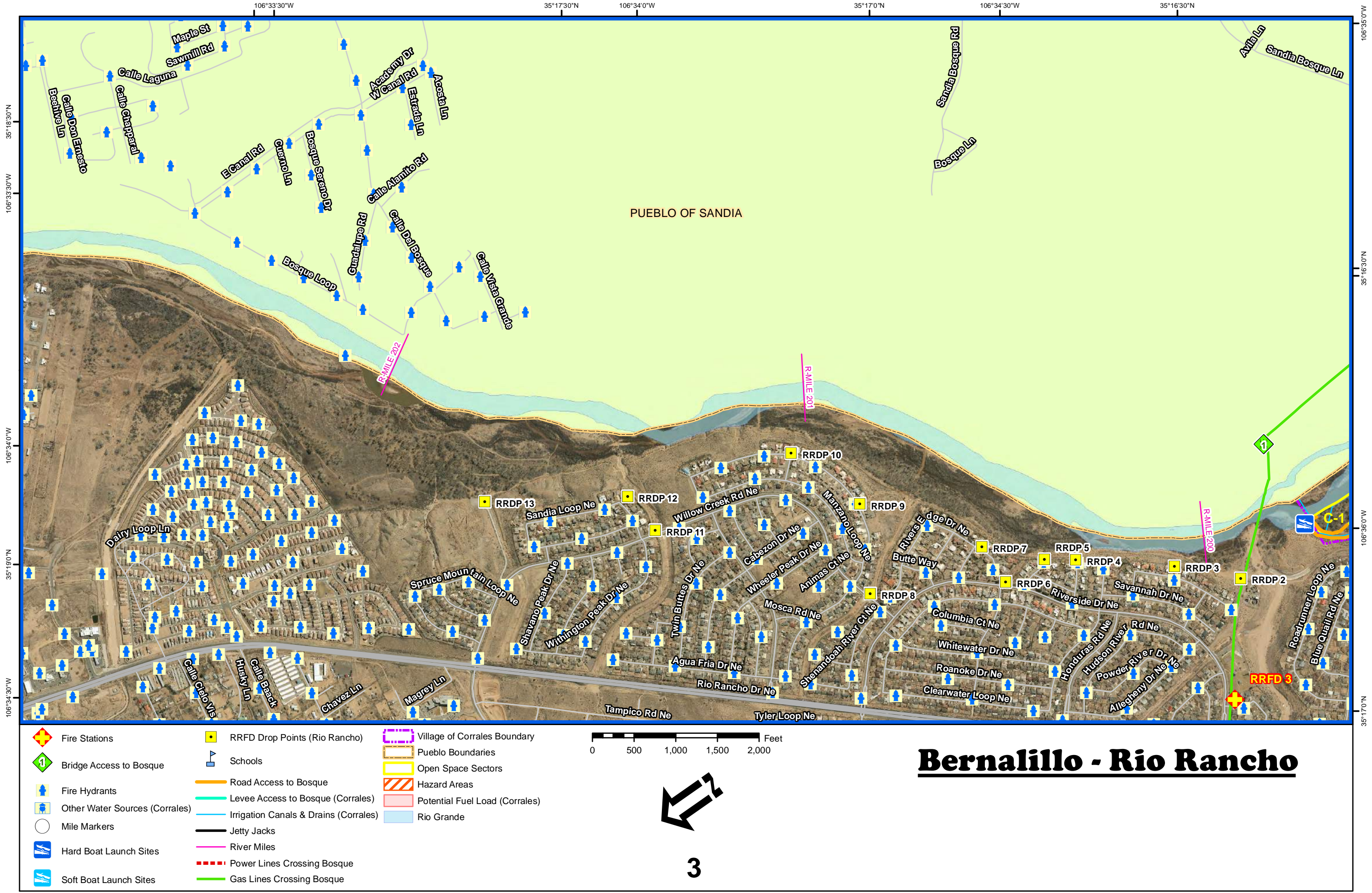
- |                                |                                       |                                |
|--------------------------------|---------------------------------------|--------------------------------|
| Fire Stations                  | RRFD Drop Points (Rio Rancho)         | Village of Corrales Boundary   |
| Bridge Access to Bosque        | Schools                               | Pueblo Boundaries              |
| Fire Hydrants                  | Road Access to Bosque                 | Open Space Sectors             |
| Other Water Sources (Corrales) | Levee Access to Bosque (Corrales)     | Hazard Areas                   |
| Mile Markers                   | Irrigation Canals & Drains (Corrales) | Potential Fuel Load (Corrales) |
| Hard Boat Launch Sites         | Jetty Jacks                           | Rio Grande                     |
| Soft Boat Launch Sites         | River Miles                           |                                |
|                                | Power Lines Crossing Bosque           |                                |
|                                | Gas Lines Crossing Bosque             |                                |

0 500 1,000 1,500 2,000 Feet

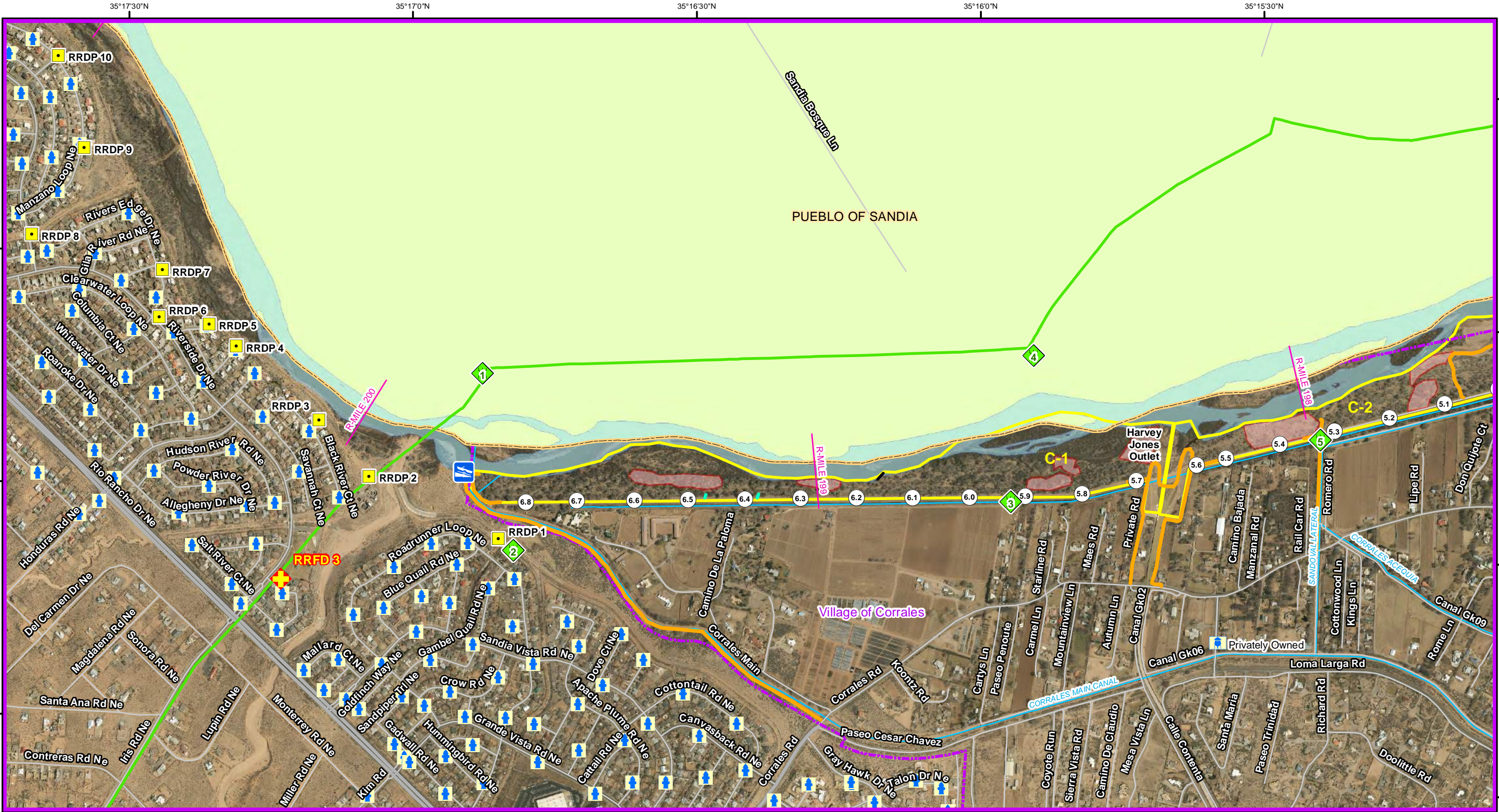


## Sandoval County - Bernalillo

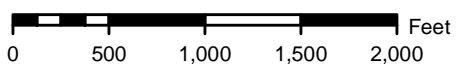








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|--|--------------------------------|--|---------------------------------------|--|--------------------------------|
|  | Fire Stations                  |  | RRFD Drop Points (Rio Rancho)         |  | Village of Corrales Boundary   |
|  | Bridge Access to Bosque        |  | Schools                               |  | Pueblo Boundaries              |
|  | Fire Hydrants                  |  | Road Access to Bosque                 |  | Open Space Sectors             |
|  | Other Water Sources (Corrales) |  | Levee Access to Bosque (Corrales)     |  | Hazard Areas                   |
|  | Mile Markers                   |  | Irrigation Canals & Drains (Corrales) |  | Potential Fuel Load (Corrales) |
|  | Hard Boat Launch Sites         |  | Rio Grande                            |  |                                |
|  | Soft Boat Launch Sites         |  | Jetty Jacks                           |  |                                |
|  |                                |  | River Miles                           |  |                                |
|  |                                |  | Power Lines Crossing Bosque           |  |                                |
|  |                                |  | Gas Lines Crossing Bosque             |  |                                |

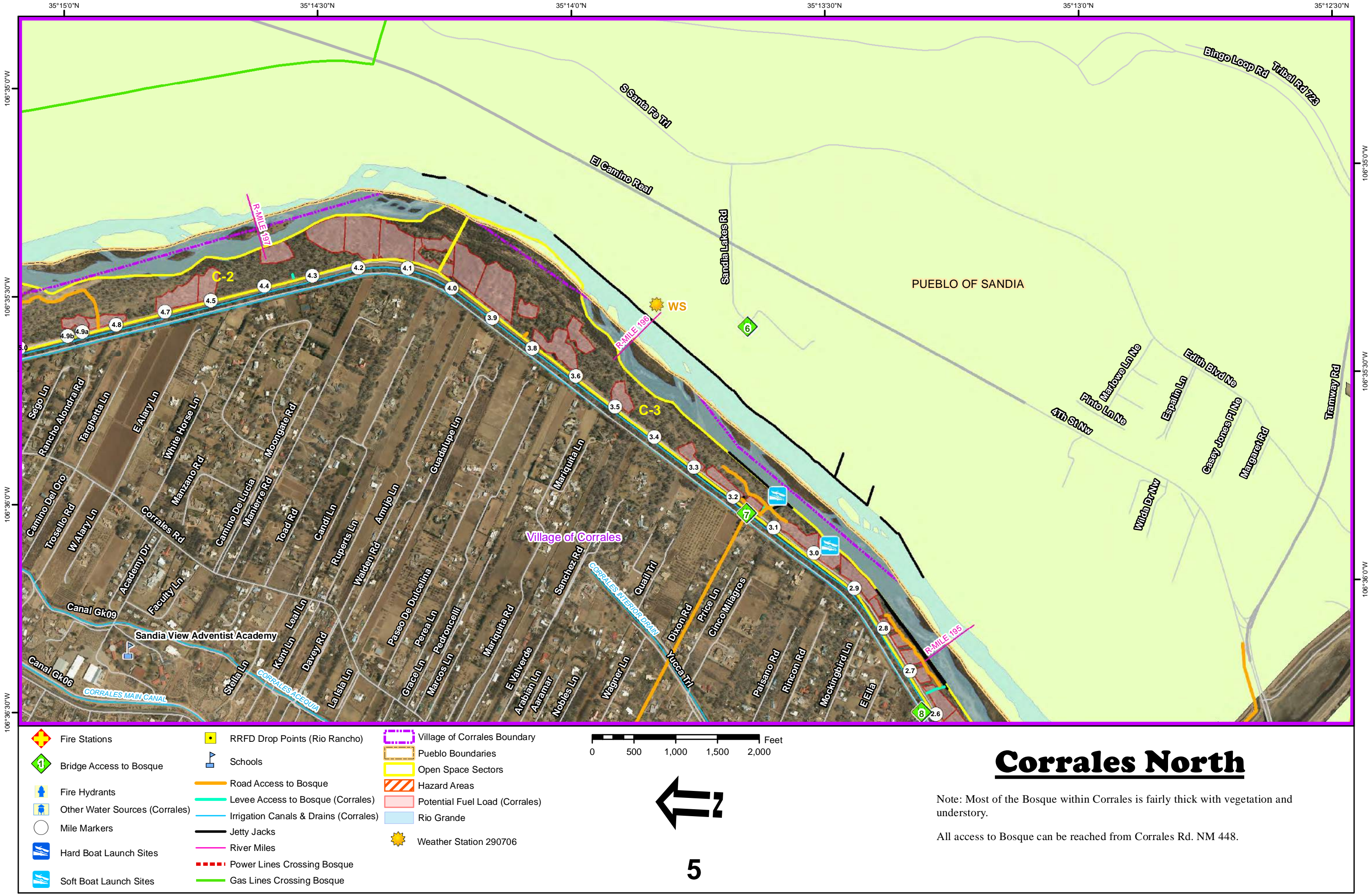


# Rio Rancho - Corrales

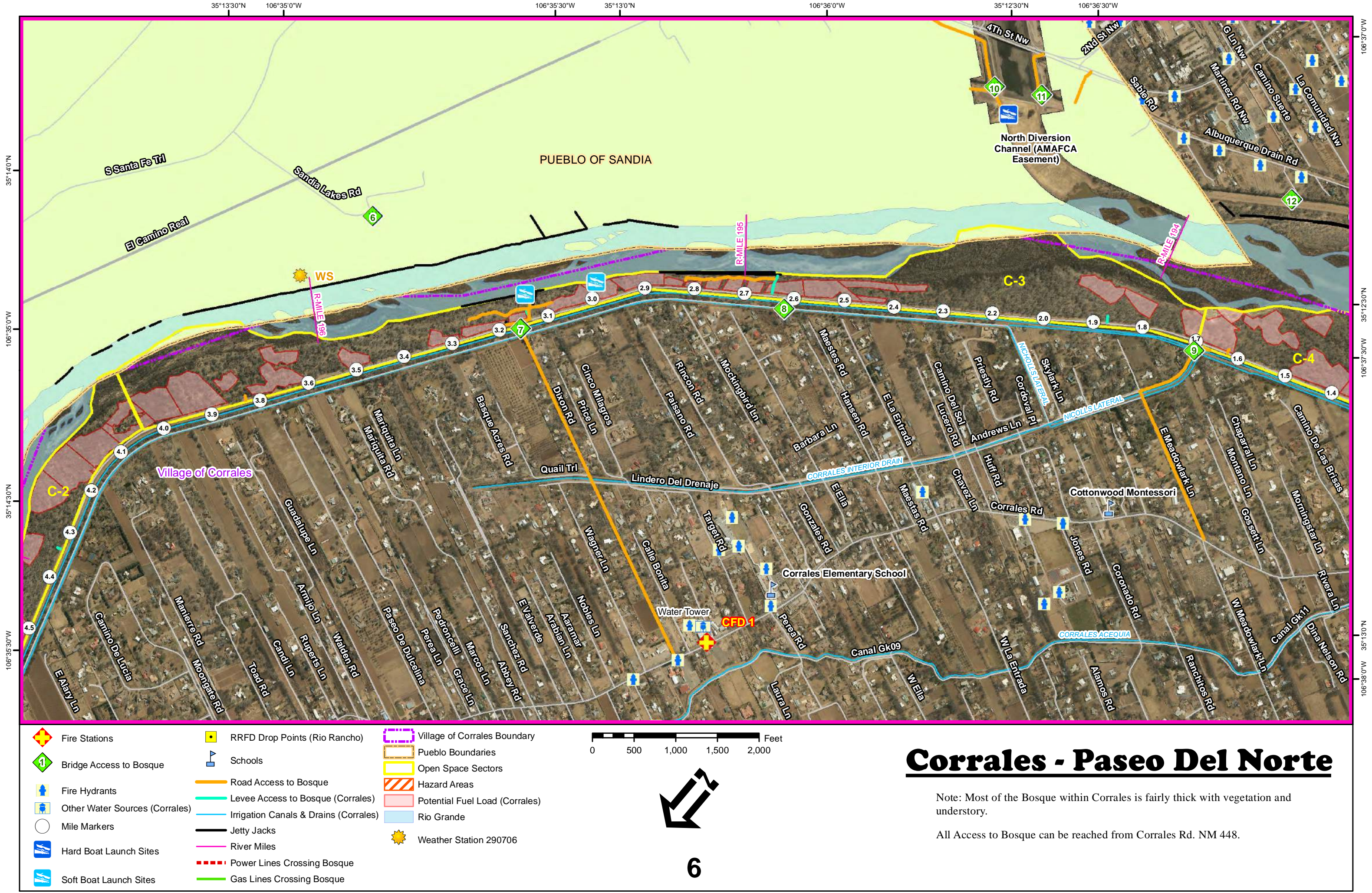
Note: Most of the Bosque within Corrales is fairly thick with vegetation and understory.

All access to Bosque can be reached from Corrales Rd. NM 448.

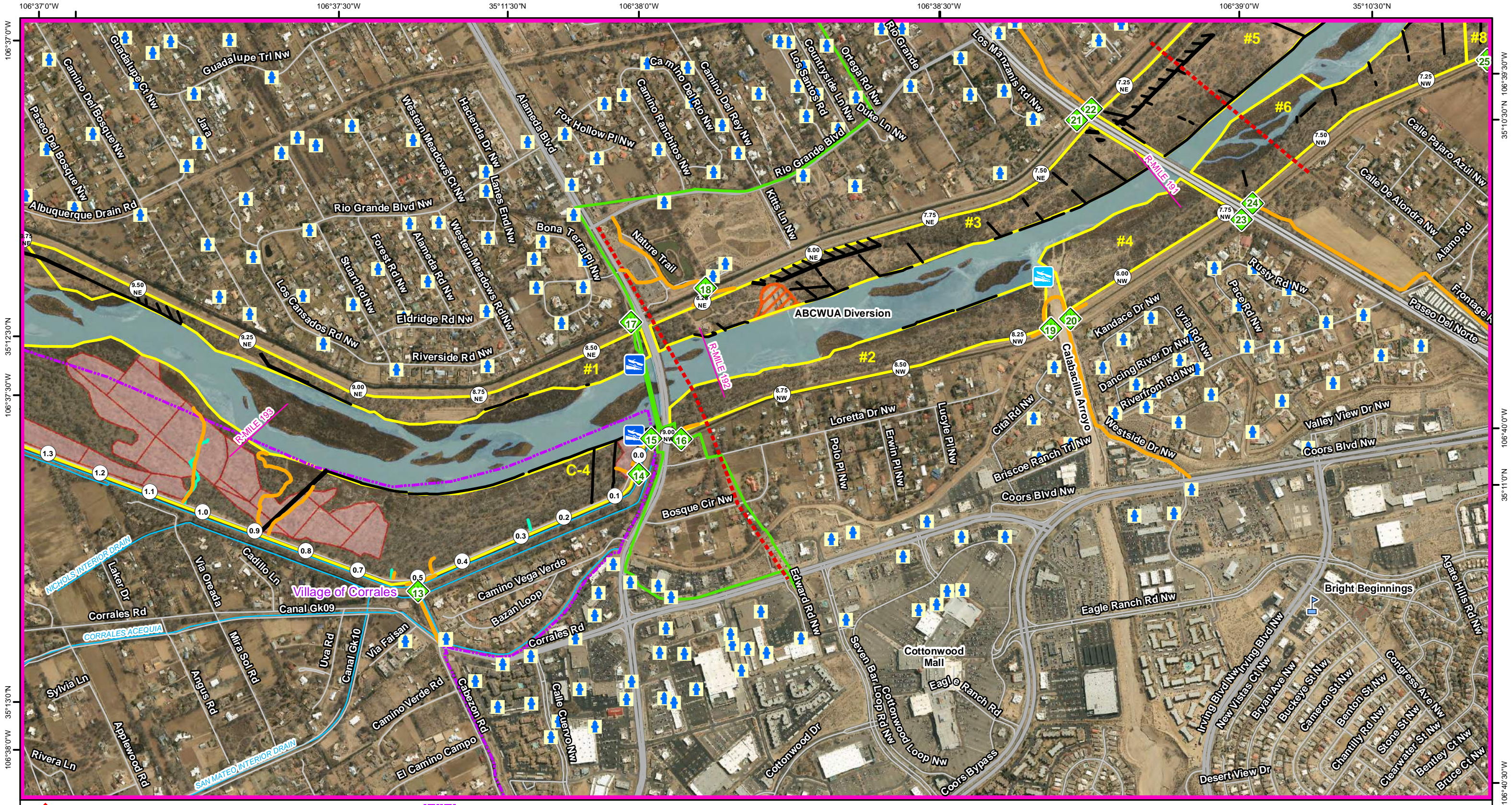




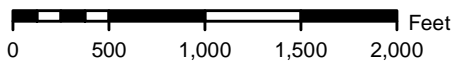








- |                                |                                       |                                |
|--------------------------------|---------------------------------------|--------------------------------|
| Fire Stations                  | RRFD Drop Points (Rio Rancho)         | Village of Corrales Boundary   |
| Bridge Access to Bosque        | Schools                               | Pueblo Boundaries              |
| Fire Hydrants                  | Road Access to Bosque                 | Open Space Sectors             |
| Other Water Sources (Corrales) | Levee Access to Bosque (Corrales)     | Hazard Areas                   |
| Mile Markers                   | Irrigation Canals & Drains (Corrales) | Potential Fuel Load (Corrales) |
| Hard Boat Launch Sites         | Jetty Jacks                           | Rio Grande                     |
| Soft Boat Launch Sites         | River Miles                           |                                |
|                                | Power Lines Crossing Bosque           |                                |
|                                | Gas Lines Crossing Bosque             |                                |

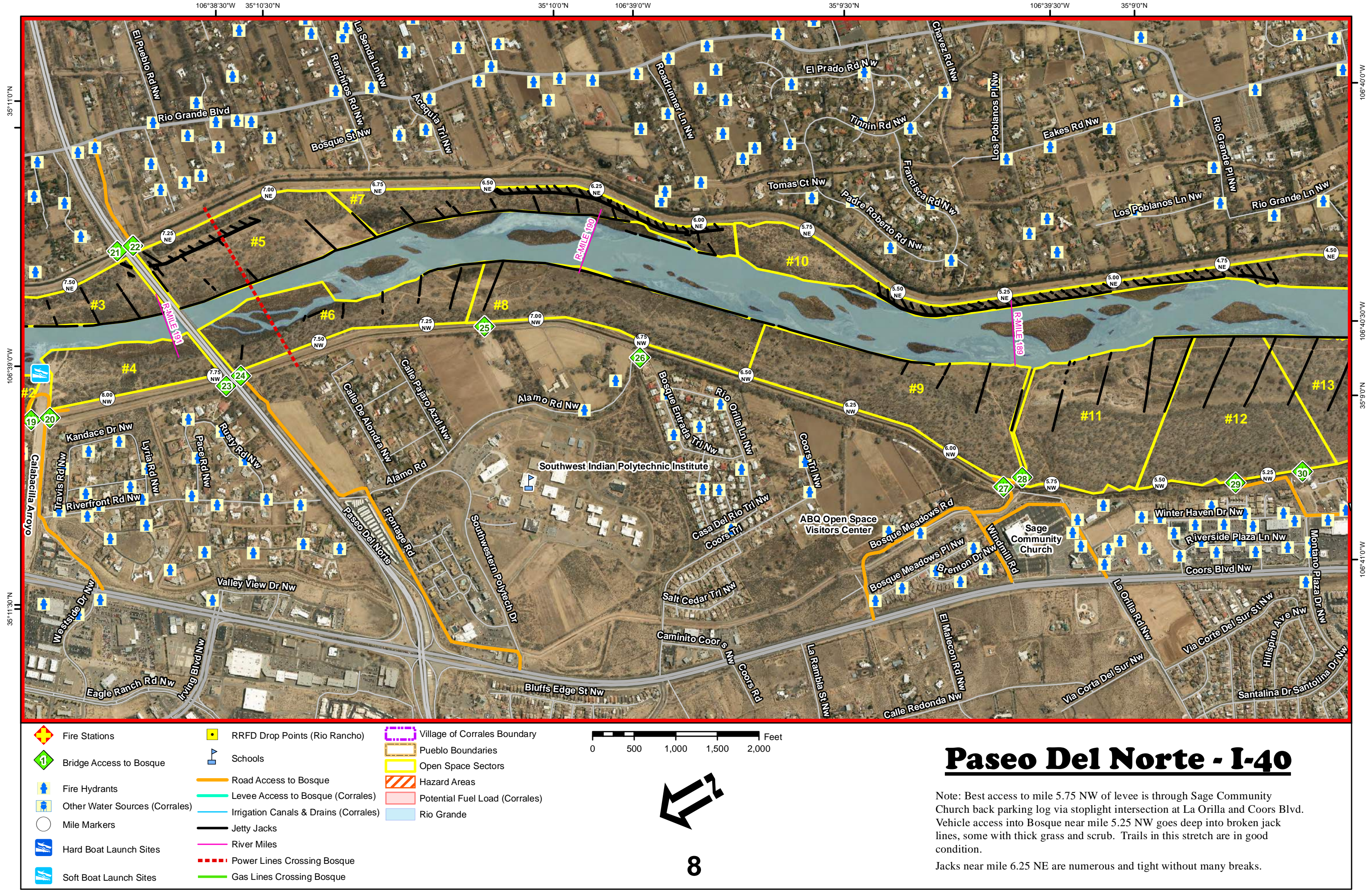


## Corrales - Paseo Del Norte

Note: Jetty Jacks are very thick and some partially buried south of the ABCWUA diversion structure on the east side of the river.

Good access (gated) on both sides of the river via Alameda Blvd.



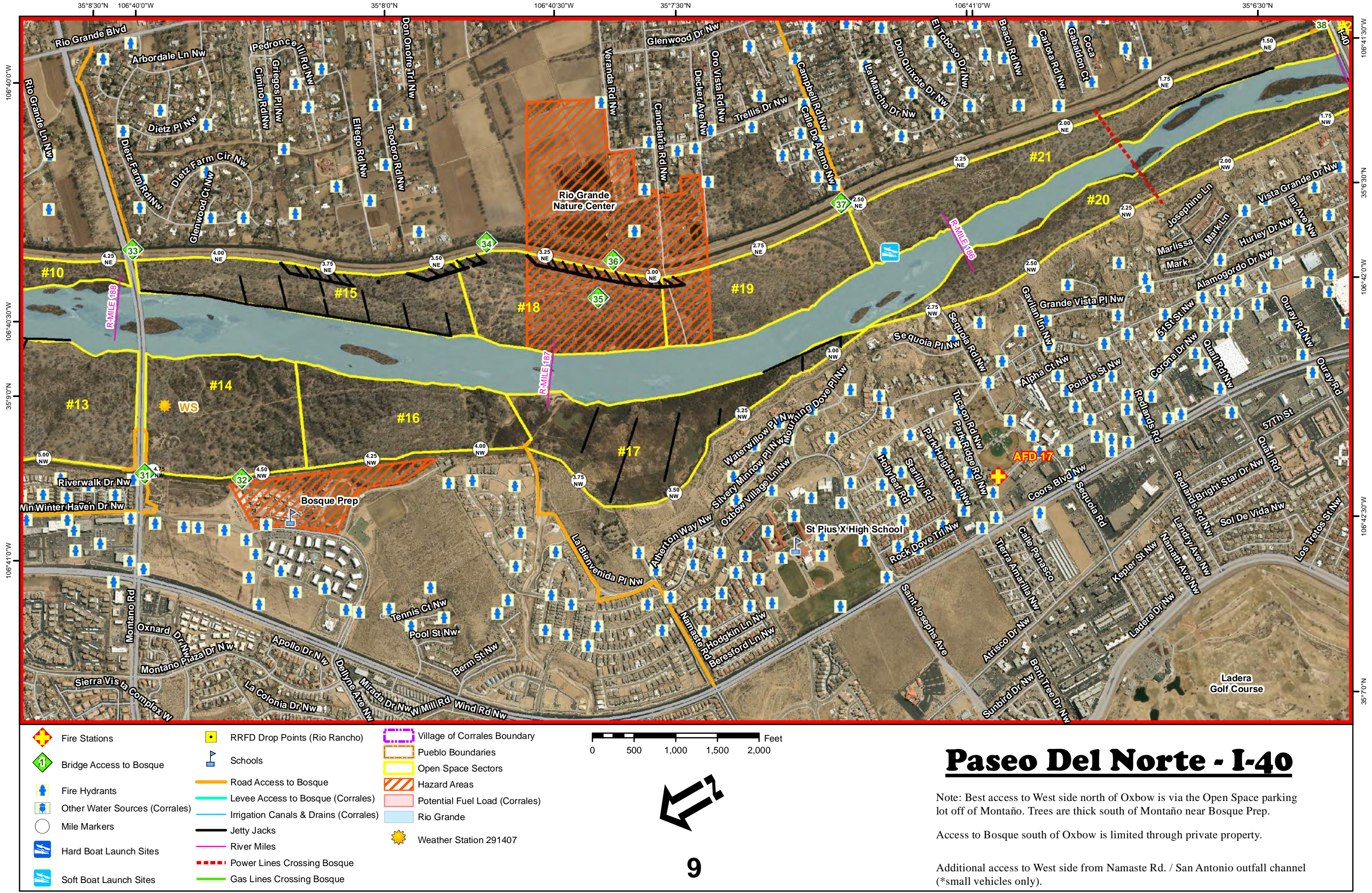


# Paseo Del Norte - I-40

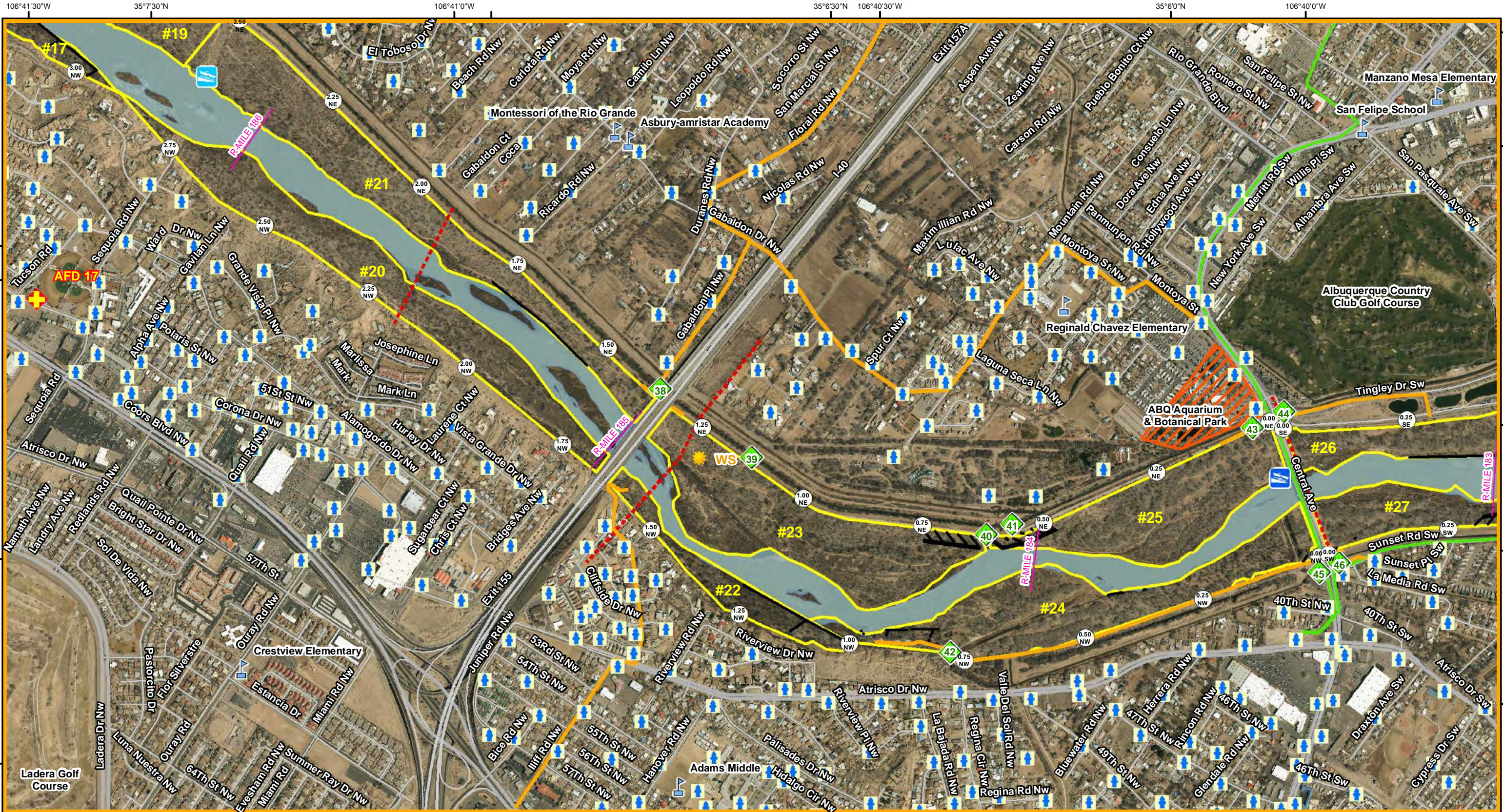
Note: Best access to mile 5.75 NW of levee is through Sage Community Church back parking lot via stoplight intersection at La Orilla and Coors Blvd. Vehicle access into Bosque near mile 5.25 NW goes deep into broken jack lines, some with thick grass and scrub. Trails in this stretch are in good condition.

Jacks near mile 6.25 NE are numerous and tight without many breaks.

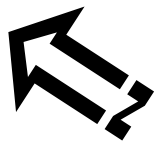
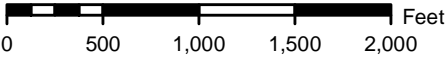








- |  |                                |  |                                       |  |                                |
|--|--------------------------------|--|---------------------------------------|--|--------------------------------|
|  | Fire Stations                  |  | RRFD Drop Points (Rio Rancho)         |  | Village of Corrales Boundary   |
|  | Bridge Access to Bosque        |  | Schools                               |  | Pueblo Boundaries              |
|  | Fire Hydrants                  |  | Road Access to Bosque                 |  | Open Space Sectors             |
|  | Other Water Sources (Corrales) |  | Levee Access to Bosque (Corrales)     |  | Hazard Areas                   |
|  | Mile Markers                   |  | Irrigation Canals & Drains (Corrales) |  | Potential Fuel Load (Corrales) |
|  | Hard Boat Launch Sites         |  | Jetty Jacks                           |  | Rio Grande                     |
|  | Soft Boat Launch Sites         |  | River Miles                           |  | Weather Station 291406         |
|  |                                |  | Power Lines Crossing Bosque           |  |                                |
|  |                                |  | Gas Lines Crossing Bosque             |  |                                |

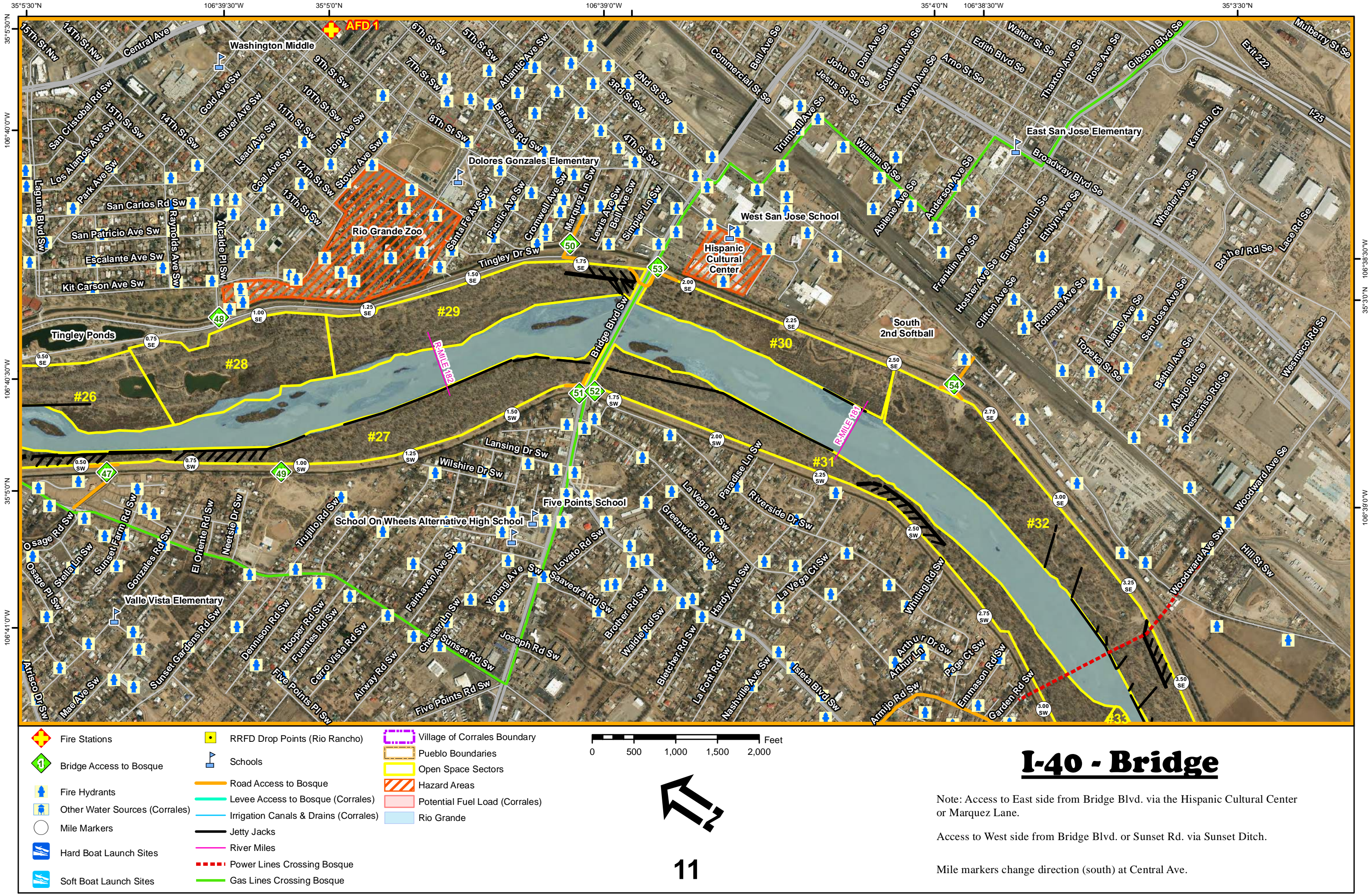


## I-40 - Bridge

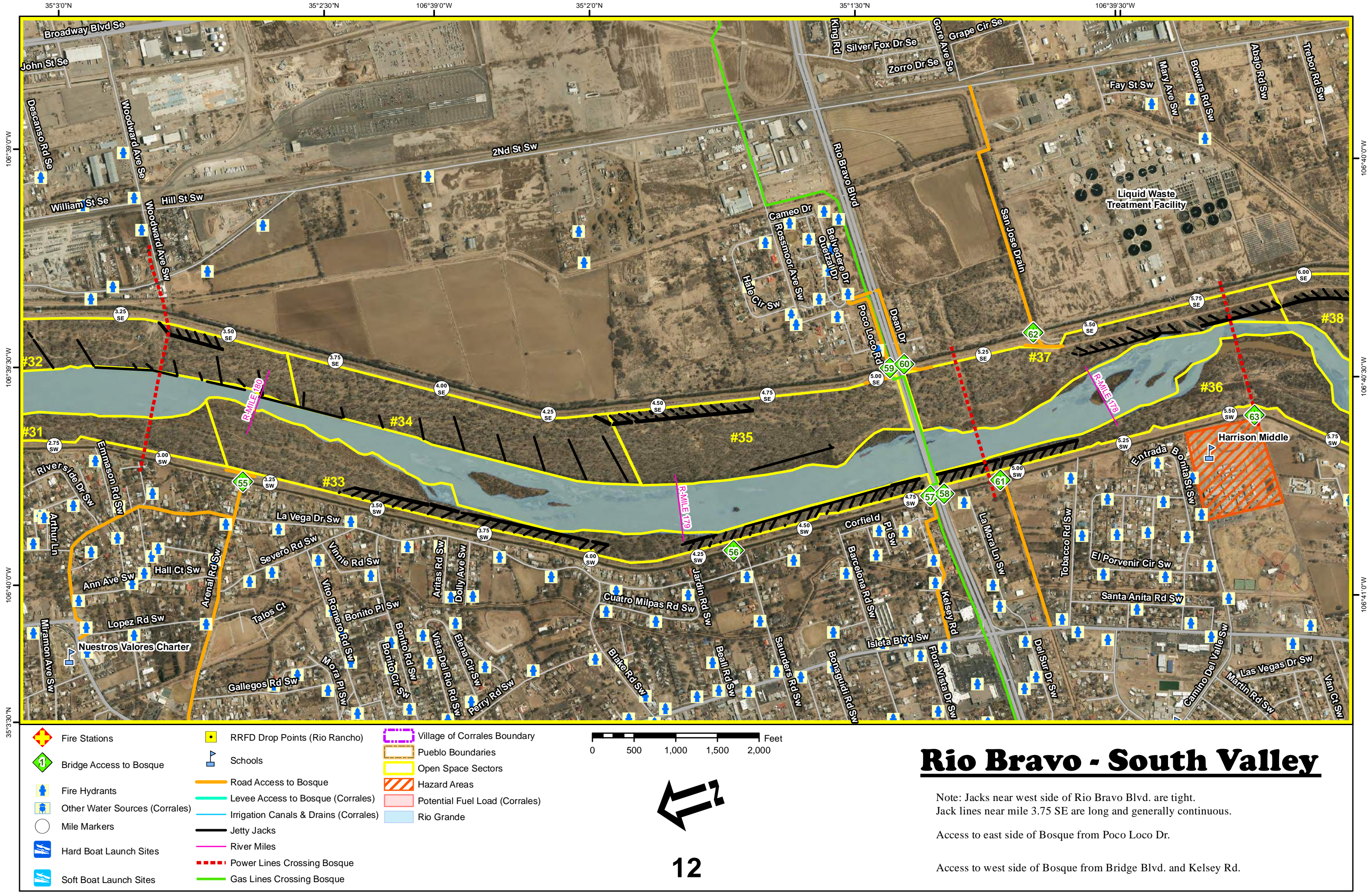
Note: No West side access north of I-40. West side access south of I-40 from Calle del Vista is limited.

East and West side access via Central Ave is favorable.

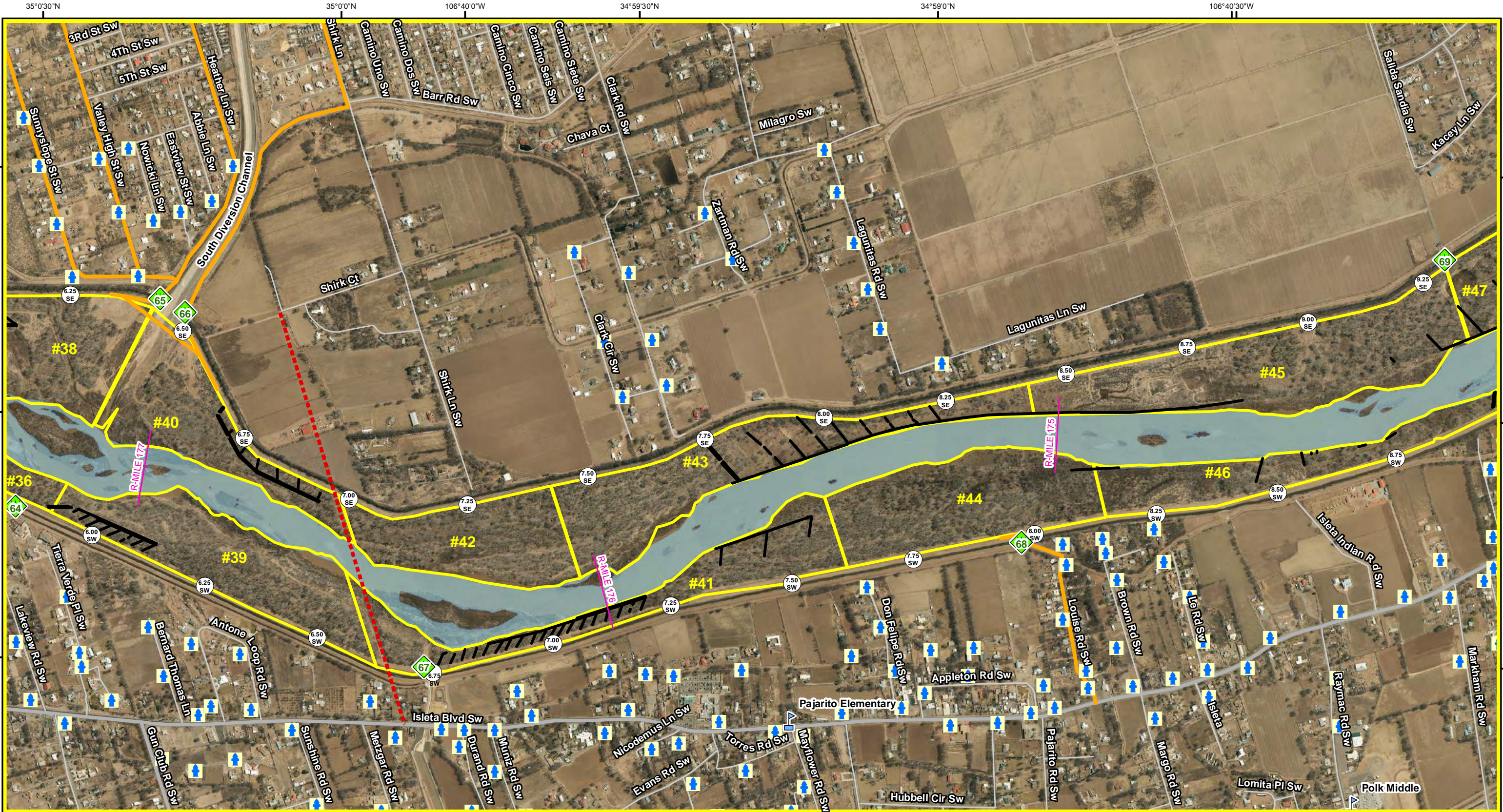




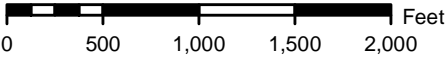








- |  |                                |  |                                       |  |                                |
|--|--------------------------------|--|---------------------------------------|--|--------------------------------|
|  | Fire Stations                  |  | RRFD Drop Points (Rio Rancho)         |  | Village of Corrales Boundary   |
|  | Bridge Access to Bosque        |  | Schools                               |  | Pueblo Boundaries              |
|  | Fire Hydrants                  |  | Road Access to Bosque                 |  | Open Space Sectors             |
|  | Other Water Sources (Corrales) |  | Levee Access to Bosque (Corrales)     |  | Hazard Areas                   |
|  | Mile Markers                   |  | Irrigation Canals & Drains (Corrales) |  | Potential Fuel Load (Corrales) |
|  | Hard Boat Launch Sites         |  | Jetty Jacks                           |  | Rio Grande                     |
|  | Soft Boat Launch Sites         |  | River Miles                           |  |                                |
|  |                                |  | Power Lines Crossing Bosque           |  |                                |
|  |                                |  | Gas Lines Crossing Bosque             |  |                                |

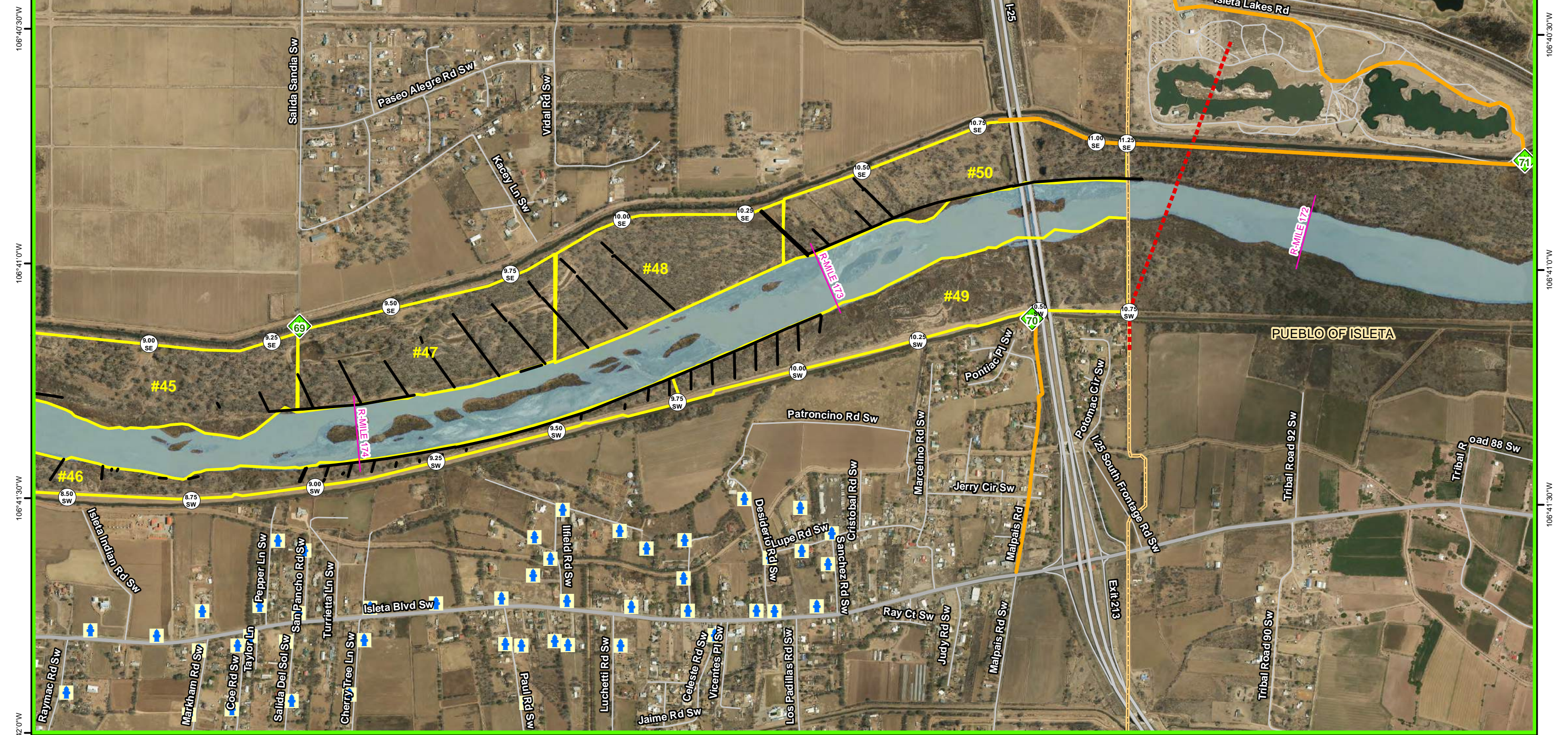


# Rio Bravo - South Valley

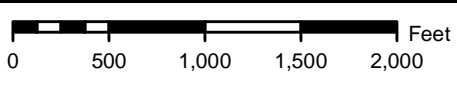
Note: Access to the levee south of the SDC is via Shirk Lane. Take 2nd St. south to Shirk Lane, proceed west on Shirk to irrigation ditch. Proceed north through gate at ditch and follow to the south side of the SDC. This is the last access on the East side until Isleta Lakes South of I-25.

Access to the north side of SDC via Sunnyslope off of 2nd St. Louise Ave is the last access on the West side until I-25. Use Isleta Blvd. to access.





- |  |                                |  |                                       |  |                                |
|--|--------------------------------|--|---------------------------------------|--|--------------------------------|
|  | Fire Stations                  |  | RRFD Drop Points (Rio Rancho)         |  | Village of Corrales Boundary   |
|  | Bridge Access to Bosque        |  | Schools                               |  | Pueblo Boundaries              |
|  | Fire Hydrants                  |  | Road Access to Bosque                 |  | Open Space Sectors             |
|  | Other Water Sources (Corrales) |  | Levee Access to Bosque (Corrales)     |  | Hazard Areas                   |
|  | Mile Markers                   |  | Irrigation Canals & Drains (Corrales) |  | Potential Fuel Load (Corrales) |
|  | Hard Boat Launch Sites         |  | Jetty Jacks                           |  | Rio Grande                     |
|  | Soft Boat Launch Sites         |  | River Miles                           |  |                                |
|  |                                |  | Power Lines Crossing Bosque           |  |                                |
|  |                                |  | Gas Lines Crossing Bosque             |  |                                |



## I-25

Note: Entrance to the west-side levee road is via Louise Ave. Proceed east on Louise from Isleta Blvd. to ditch, turn north on ditch road to gate.

Entrance to the east-side levee road from the south via Isleta Lakes gate or from the North via South Diversion Channel. Between these two entrances there is no other access by vehicle.



Information about this Runbook and the Data in it

During the early summer of 2003, two fires took place within the Albuquerque Bosque. The Atrisco Fire began near the Interstate 40 Bridge and burned approximately 150 acres. The Montano Complex Fires erupted near the Montano Bridge and burned about 113 acres of Bosque woodland along the Rio Grande. Together these fires were the largest and most destructive to occur in the Albuquerque Bosque in recent memory, and culminated a decade of numerous fire events that charred over a thousand acres of Bosque.

Following these fires, the Albuquerque District of the U.S. Army Corps of Engineers (USACE) received emergency Federal funds to assist local efforts to restore the burned areas and to improve access to and reduce the fire risk within the Bosque. USACE was already engaged in a series of projects to restore the Bosque, for which the City of Albuquerque (COA) and the Middle Rio Grande Conservancy District (MRGCD) were the local sponsors. COA and the MRGCD also had separate research and restoration projects underway in the Bosque, which included cleaning, restoration, and limited fuel removal efforts. USACE's planning effort commenced in the fall of 2003 and an Environmental Assessment was completed in compliance with the National Environmental Policy Act (NEPA) during the summer of 2004. The goal of the planning effort was to reduce the existing fuel loads, improve EMT access, increase firefighting capacity in the Bosque, and restore burned areas. USACE convened a stakeholder committee that included the Albuquerque Fire Department (AFD), COA Open Space Division (AOSD), Bernalillo County, Village of Corrales and the Corrales Preserve, MRGCD, New Mexico State Forestry Division, and representatives of the Sandia and Isleta Pueblos. Collectively, these entities provided important input to the overall goal of restoring the Bosque, reducing the fire hazard, and making it a safer more accessible venue for the general public.

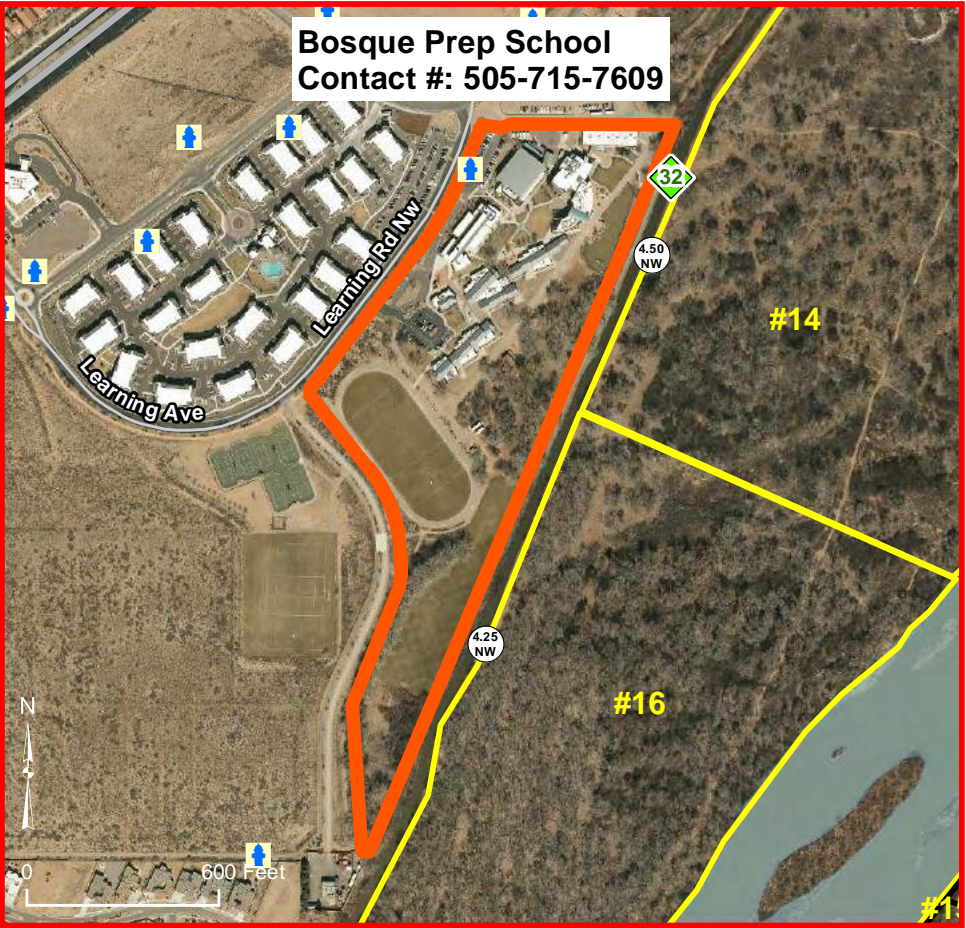
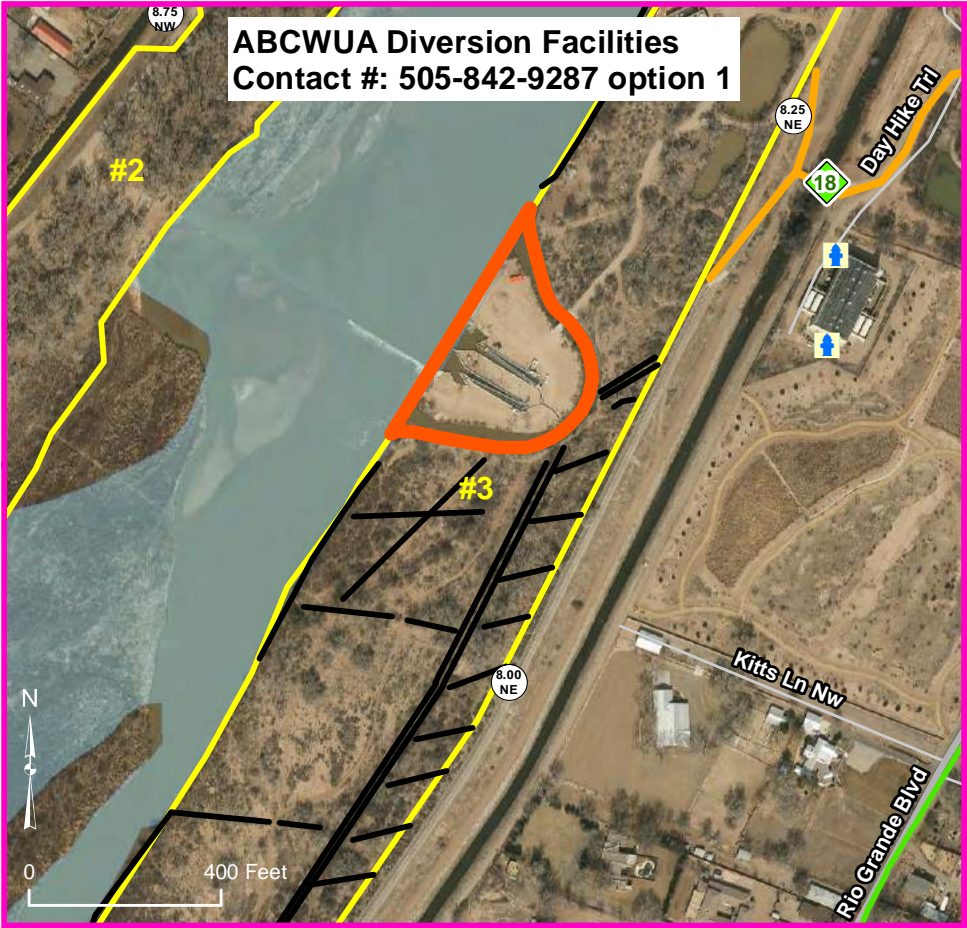
To increase the firefighting capacity in the Bosque, a Bosque Urban Wildland Interface Runbook was created in 2004. It included emergency access points, jetty jack locations, sector designations, streets, waterways, public facilities, hydrant locations, potential fuel loads, and other GIS data sets on aerial imagery obtained in that year. An updated edition was produced in 2010 extending the runbook north to the Corrales Siphon and reflecting many completed and ongoing Bosque projects along with field verification of jetty jack locations and bridge access information. Previous editions have been field tested by the AFD with access points checked by the AFD, USACE, and COA Open Space Division (AOSD). However, conditions within the Bosque continually change with the ongoing efforts of the USACE, AOSD, and others.

To address the changing conditions in the Bosque, the AFD convened a new All-Hazards Working Group to update the runbook and expand its application for emergency response. The new working group includes representatives from the Albuquerque Police Department (APD), Bernalillo County Fire Department (BCFD), Sandoval County Fire Department (SCFD), the Village of Corrales Fire Department (CFD), the City of Rio Rancho Fire Department (RRFD), AOSD, and USACE. It is the intent of this working group to revisit and update this runbook on a five (5) year cycle.

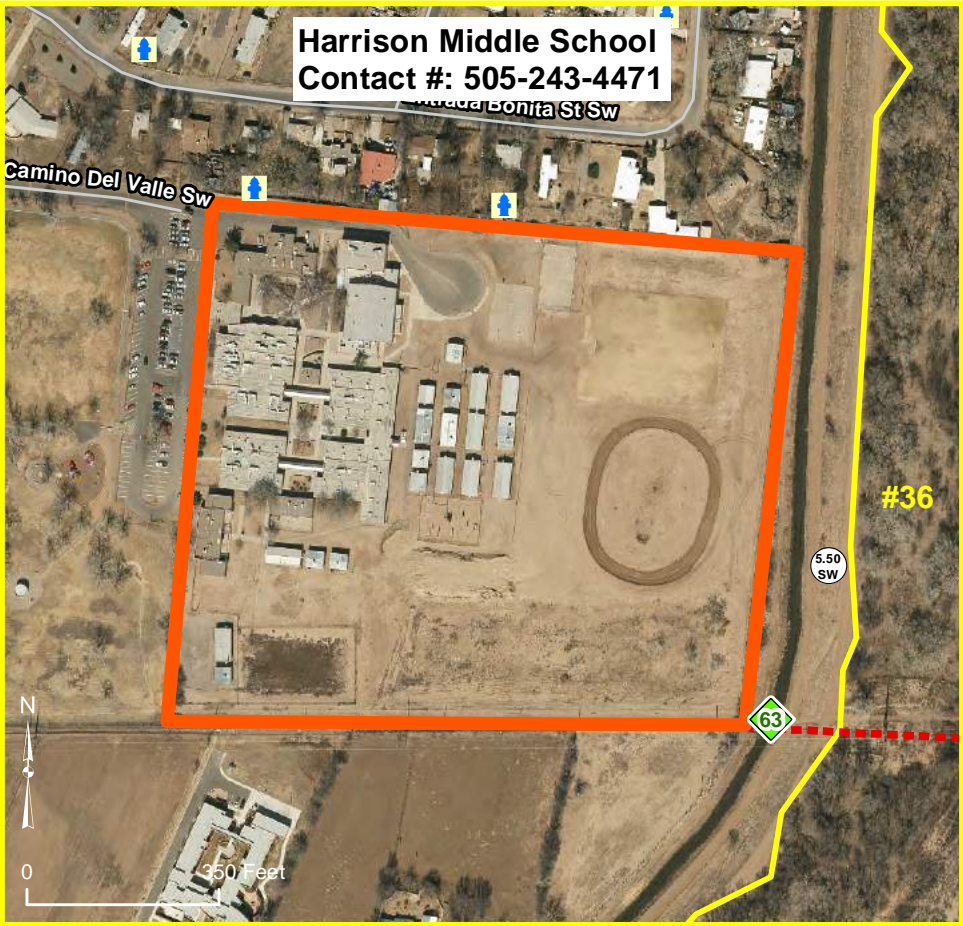
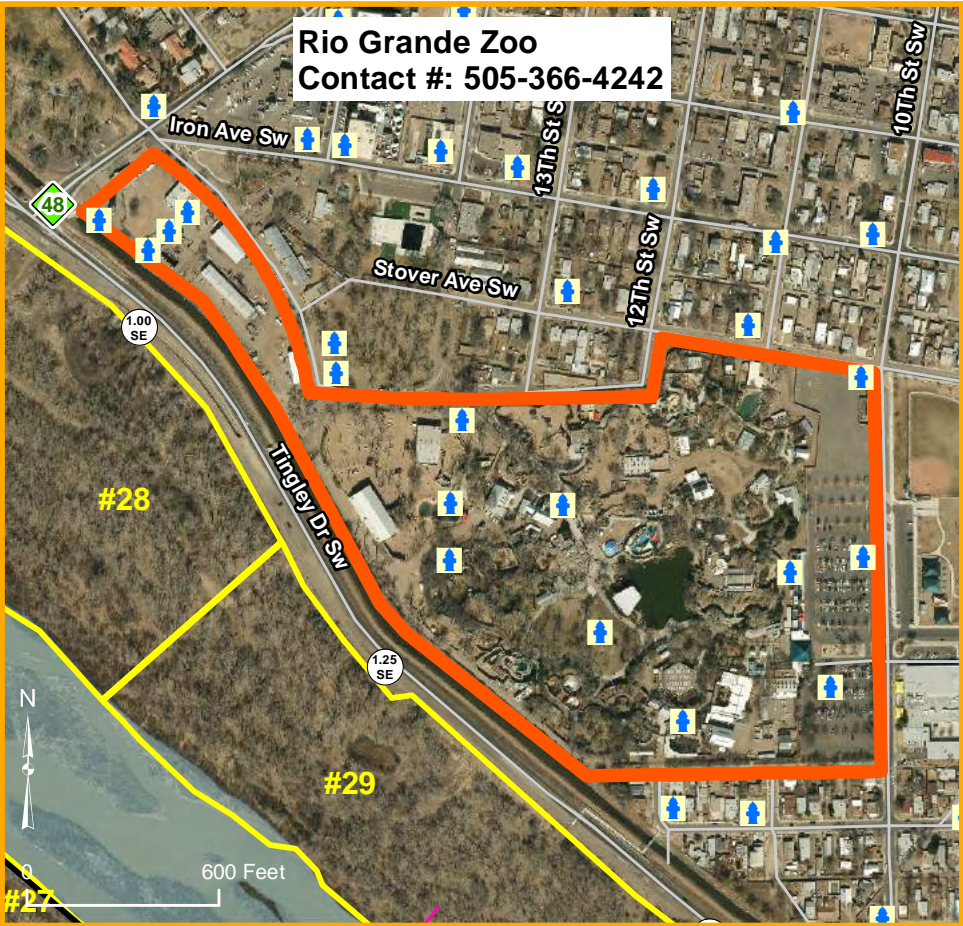
Now titled the All Hazards Runbook, changes with this current edition, completed in September 2016, include updates to fire stations, fire hydrants, jetty jacks, and schools; additions of hazard areas, boat launch locations, gas lines crossing the Bosque, river miles, and weather stations; new data provided by the City of Rio Rancho, Sandoval County, and Town of Bernalillo; and, the removal of revegetation sites, open space trails, jurisdictional boundaries, waterways outside the Village of Corrales, and potential fuel load outside the Village of Corrales. The reach of the runbook was also extended north of the U.S. Highway 550 Bridge. In addition, previous bridge access location focus maps were replaced with hazard area focus maps at the end of the runbook.

Geospatial data contained in the “All Hazards Bosque Runbook” was compiled by the USACE Albuquerque District Geospatial Unit with contributions from the AFD, BCFD, COA, AOSD, MRGCD, Albuquerque Bernalillo County Water Utility Authority, Village of Corrales, City of Rio Rancho, Sandoval County, Town of Bernalillo, New Mexico Gas Company, New Mexico Office of State Engineer, Wolf Engineering, USGS, Bureau of Reclamation, USACE, and Esri Data & Maps 2010. Pueblo boundaries were provided by the Pueblos of Santa Ana, Sandia, and Isleta. Aerial imagery used in this edition was collected in the spring of 2016 by the New Mexico Mid-Region Council of Governments (MRCOG). The data currently resides in the Albuquerque District’s Enterprise GIS system as an Esri ArcGIS File Geodatabase.

All data is represented strictly "as is" and no warranty as to its accuracy is made or otherwise implied.







| Rio Rancho Drop Point Locations |   |
|---------------------------------|---|
| DROP POINT                      | DESCRIPTION   |
| RRDP 1                          | Bosque Recreational Area Entrance - Roadrunner Loop             |
| RRDP 2                          | Bosque Recreational Area Entrance - Riverside Drive (south)     |
| RRDP 3                          | Bosque Recreational Area Entrance - Black River Drive           |
| RRDP 4                          | Bosque Recreational Area Entrance - Lazy River Court            |
| RRDP 5                          | Bosque Recreational Area Entrance - Chama River Court           |
| RRDP 6                          | Bosque Recreational Area Entrance - Riverside Drive (north)     |
| RRDP 7                          | Bosque Recreational Area Entrance - Rivers Edge Drive           |
| RRDP 8                          | Bosque Recreational Area Entrance - Willow Creek Road (south)   |
| RRDP 9                          | Bosque Recreational Area Entrance - Manzano Loop (west)         |
| RRDP 10                         | Bosque Recreational Area Entrance - Manzano Loop (east)         |
| RRDP 11                         | Bosque Recreational Area Entrance - Willow Creek Road (central) |
| RRDP 12                         | Bosque Recreational Area Entrance - Sandia Loop                 |
| RRDP 13                         | Bosque Recreational Area Entrance - Willow Creek Road (north)   |

Bridge Access to Bosque Capacities and Locations

| BRIDGE | CAPACITY           | LOCATION  | PAGE  |
|--------|--------------------|---|-------|
| 1      | Vehicular*         | Sandia Pueblo                                     | 3, 4  |
| 2      | Pedestrian         | Rio Rancho  | 4     |
| 3      | Pedestrian         | Private   | 4     |
| 4      | Vehicular, HS-20** | Sandia Pueblo                                     | 4     |
| 5      | Vehicular*         | Romero Road                                       | 4     |
| 6      | Vehicular*         | Sandia Pueblo                                     | 5, 6  |
| 7      | Vehicular, HS-20** | Dixon Road  | 5, 6  |
| 8      | Pedestrian         | Private   | 5, 6  |
| 9      | Vehicular, HS-20** | Andrews Lane                                      | 6     |
| 10     | Vehicular*         | Sandia Pueblo / North Diversion Channel North     | 6     |
| 11     | Vehicular*         | Sandia Pueblo / North Diversion Channel South     | 6     |
| 12     | Pedestrian         | Sandia Pueblo / 4th Street Horse Stables          | 6     |
| 13     | Vehicular*         | Cabezon Road                                      | 7     |
| 14     | Pedestrian         | Corrales  | 7     |
| 15     | Vehicular, HS-20** | Corrales - Alameda Bridge                         | 7     |
| 16     | Vehicular*         | Alameda South                                     | 7     |
| 17     | Vehicular*         | Alameda North                                     | 7     |
| 18     | Pedestrian         | Alameda Open Space / Drinking Water Diversion Dam | 7     |
| 19     | Vehicular*         | Lorreta Drive / Calabacillas                      | 7, 8  |
| 20     | Vehicular*         | Westside Drive / Calabacillas                     | 7, 8  |
| 21     | Vehicular*         | Paseo Del Norte North                             | 7, 8  |
| 22     | Vehicular*         | Paseo Del Norte South                             | 7, 8  |
| 23     | Vehicular*         | Paseo Del Norte North                             | 7, 8  |
| 24     | Vehicular*         | Paseo Del Norte South                             | 7, 8  |
| 25     | Pedestrian         | Alamo Road / Private                              | 7, 8  |
| 26     | Vehicular*         | Bosque Entrada Trail / Private                    | 8     |
| 27     | Vehicular*         | La Orilla - Open Space Visitor's Center           | 8     |
| 28     | Vehicular, HS-20** | La Orilla Drain Crossing                          | 8     |
| 29     | Pedestrian         | Winter Haven Road / Private                       | 8     |
| 30     | Pedestrian         | Winter Haven Road (foot bridge)                   | 8     |
| 31     | Vehicular*         | Montano Road - West Side Access                   | 9     |
| 32     | Vehicular*         | Bosque Prep                                       | 9     |
| 33     | Pedestrian         | Montano Road East Side Access                     | 9     |
| 34     | Pedestrian         | RG Nature Center North                            | 9     |
| 35     | Pedestrian         | COE Channel                                       | 9     |
| 36     | Pedestrian         | RG Nature Center / Candelaria Road                | 9     |
| 37     | Vehicular*         | Campbell Road                                     | 9     |
| 38     | Vehicular, HS-20** | Gabaldon Road at I-40                             | 9, 10 |
| 39     | Pedestrian         | South of I-40                                     | 10    |
| 40     | Vehicular*         | Atrisco Siphon                                    | 10    |
| 41     | Vehicular*         | Atrisco   | 10    |
| 42     | Vehicular*         | Atrisco Channel                                   | 10    |
| 43     | Vehicular*         | Central Avenue - Open Space Parking Lot           | 10    |
| 44     | Vehicular*         | Central Avenue / Tingley Drive                    | 10    |
| 45     | Vehicular*         | Central Avenue / Sunset Road - North              | 10    |
| 46     | Vehicular*         | Central Avenue / Sunset Road - South              | 10    |
| 47     | Vehicular*         | Sunset Ditch                                      | 11    |
| 48     | Vehicular, HS-20** | Acalde / Tingley Drive                            | 11    |
| 49     | Pedestrian         | @Route 66 Project                                 | 11    |
| 50     | Vehicular, HS-20** | Marquez Lane / Tingley                            | 11    |
| 51     | Vehicular*         | Bridge Blvd North                                 | 11    |
| 52     | Vehicular*         | Bridge Blvd South                                 | 11    |
| 53     | Pedestrian         | Bridge Blvd South - Hispanic Cultural Center      | 11    |
| 54     | Vehicular*         | 2nd Street / Glass Gardens                        | 11    |
| 55     | Vehicular, HS-20** | Arenal Road                                       | 11    |
| 56     | Pedestrian         | Saunders Drive                                    | 11    |
| 57     | Vehicular*         | Rio Bravo Blvd / Kelsey Road                      | 11    |
| 58     | Vehicular*         | Rio Bravo Blvd / Open Space Parking               | 11    |
| 59     | Vehicular*         | Rio Bravo Blvd / Poco Loco                        | 11    |
| 60     | Vehicular*         | Rio Bravo Blvd / Dean Road                        | 11    |
| 61     | Vehicular*         | Wasteway  | 11    |
| 62     | Vehicular*         | San Jose Drain                                    | 11    |
| 63     | Pedestrian         | Harrison Middle School                            | 11    |
| 64     | Vehicular*         | Antone Loop Road - Private                        | 13    |
| 65     | Vehicular*         | Sunnyslope Road / South Diversion Channel - North | 13    |
| 66     | Vehicular*         | Shirk Lane / South Diversion Channel - South      | 13    |
| 67     | Vehicular*         | Durand Open Space                                 | 13    |
| 68     | Vehicular, HS-20** | Lousie Avenue                                     | 13    |
| 69     | Vehicular*         | Valle de Oro National Wildlife Refuge             | 13    |
| 70     | Pedestrian         | Malpais Road / I-25                               | 14    |
| 71     | Vehicular*         | Isleta Lakes - Isleta Pueblo                      | 14    |

\* Vehicular = weight capacity is not known, these are often culvert crossings  
\*\* Vehicular, HS-20 = 32,000 lbs truck axle loading or 16,000 lbs wheel loading