

TECHNICAL NARRATIVE

Application to modify K250CF Facility
LMS FILE NUMBER – 0000212859
FAC ID – 201566

Applicant, Radio La Raza, LLC is submitting this minor application to modify KMTL 760 khz AM fillin FM translator K250CF.

New exhibits are attached to this application to support the changes made with this application.

This application is in compliance with FCC rules and protects all full power stations, construction permits, allotments and applications.

NAD(83)
34 – 46 – 05.1 N,
92 – 21 – 02.7 W

RCAGL – 42 meters H and V

ERP – 250 watts H and V

ANTENNA – BEXT TFC1K – 2 bays.

This application will utilize an existing tower and will not have a significant impact on the environment.

KINC – LP LMS 0000235288

Applicant understands that this application will be granted when KINC – LP CP application is granted and licensed.

Exhibit 1 – Spacing Study

Exhibit 2 – Proposed K250CF and licensed K250CF 60 db overlap

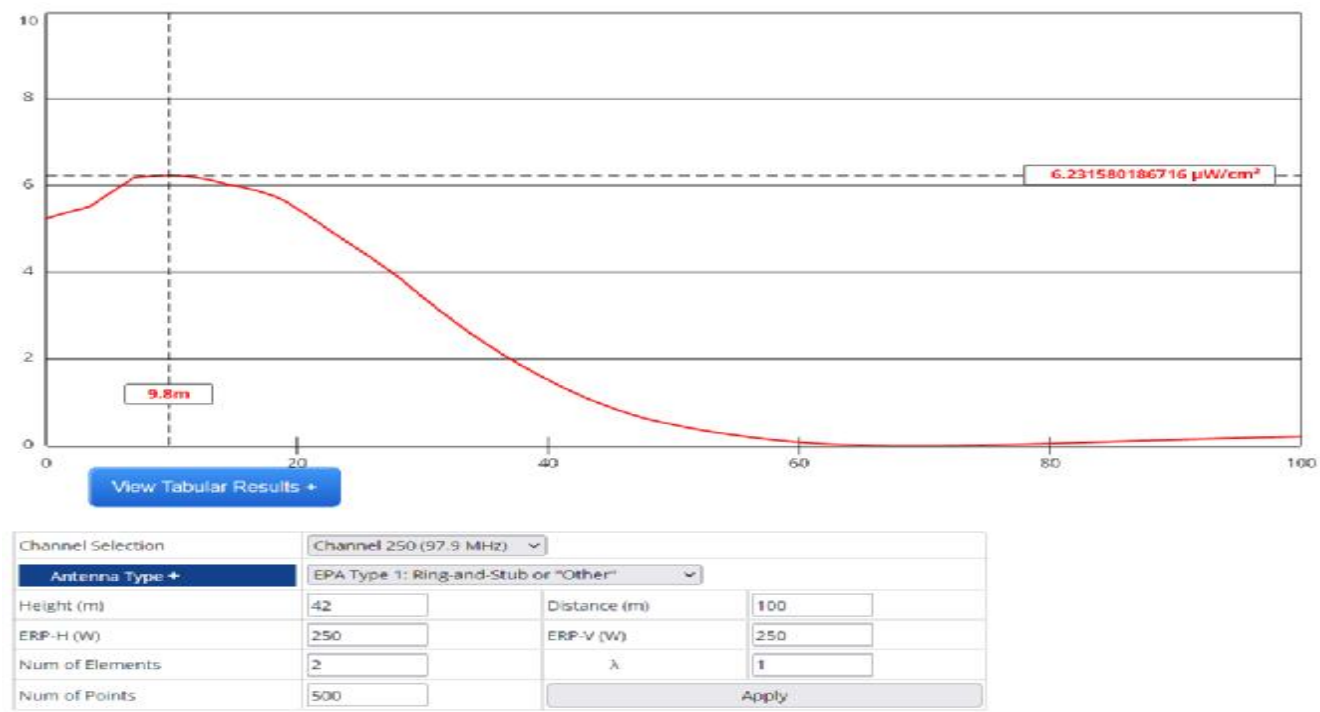
Exhibit 3A – Proposed K250CF F(50,10) 40 db and K250CE F(50,50) 60 db clearance.

Exhibit 3B – Proposed K250CF F(50,10) 54 db and proposed KINC – LP F(50,50) 60 db contour clearance.

Exhibit 4 – Environmental and RFE – FMModel

Exhibit 5 – Aerial of site

Exhibit 4 - FMModel

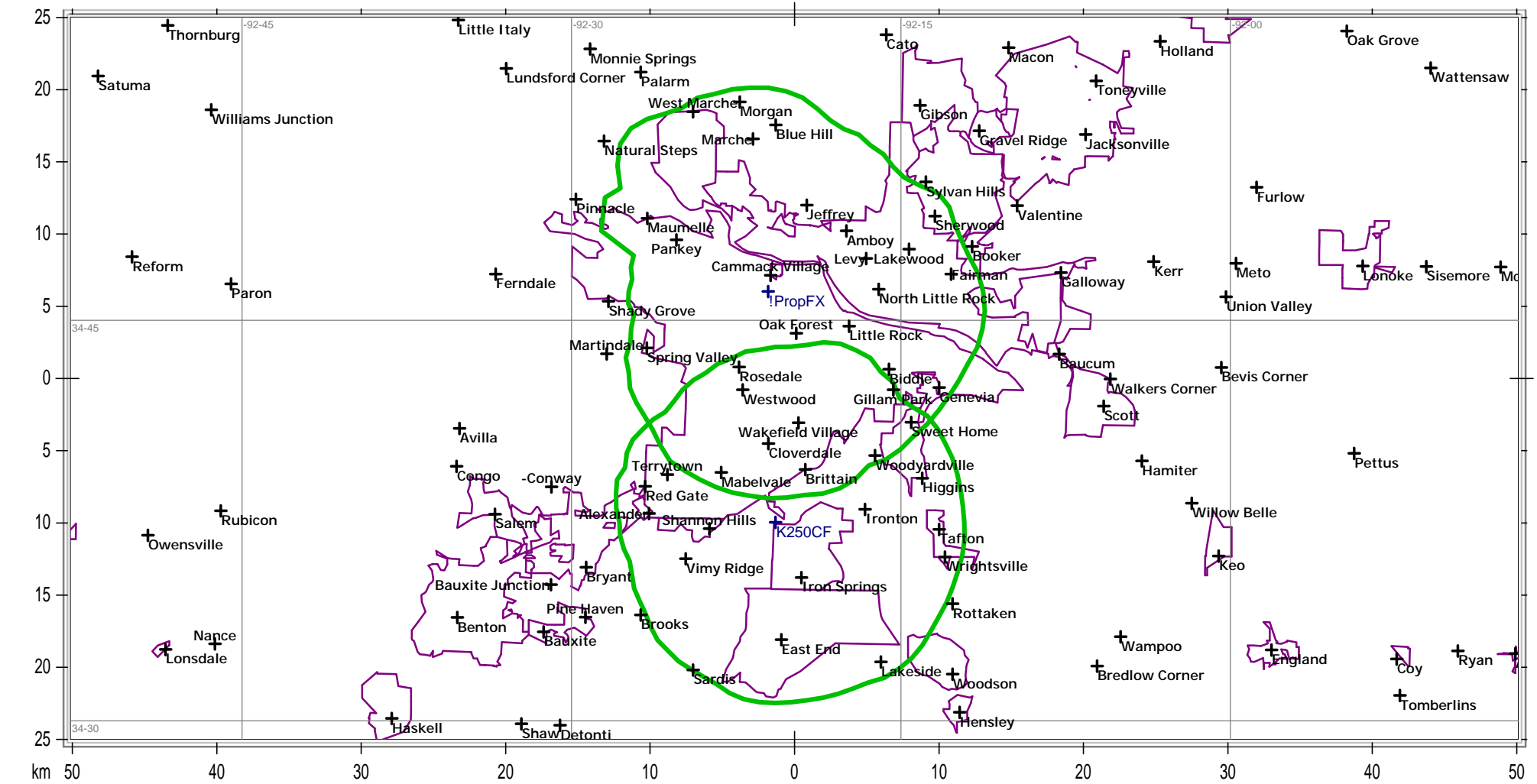


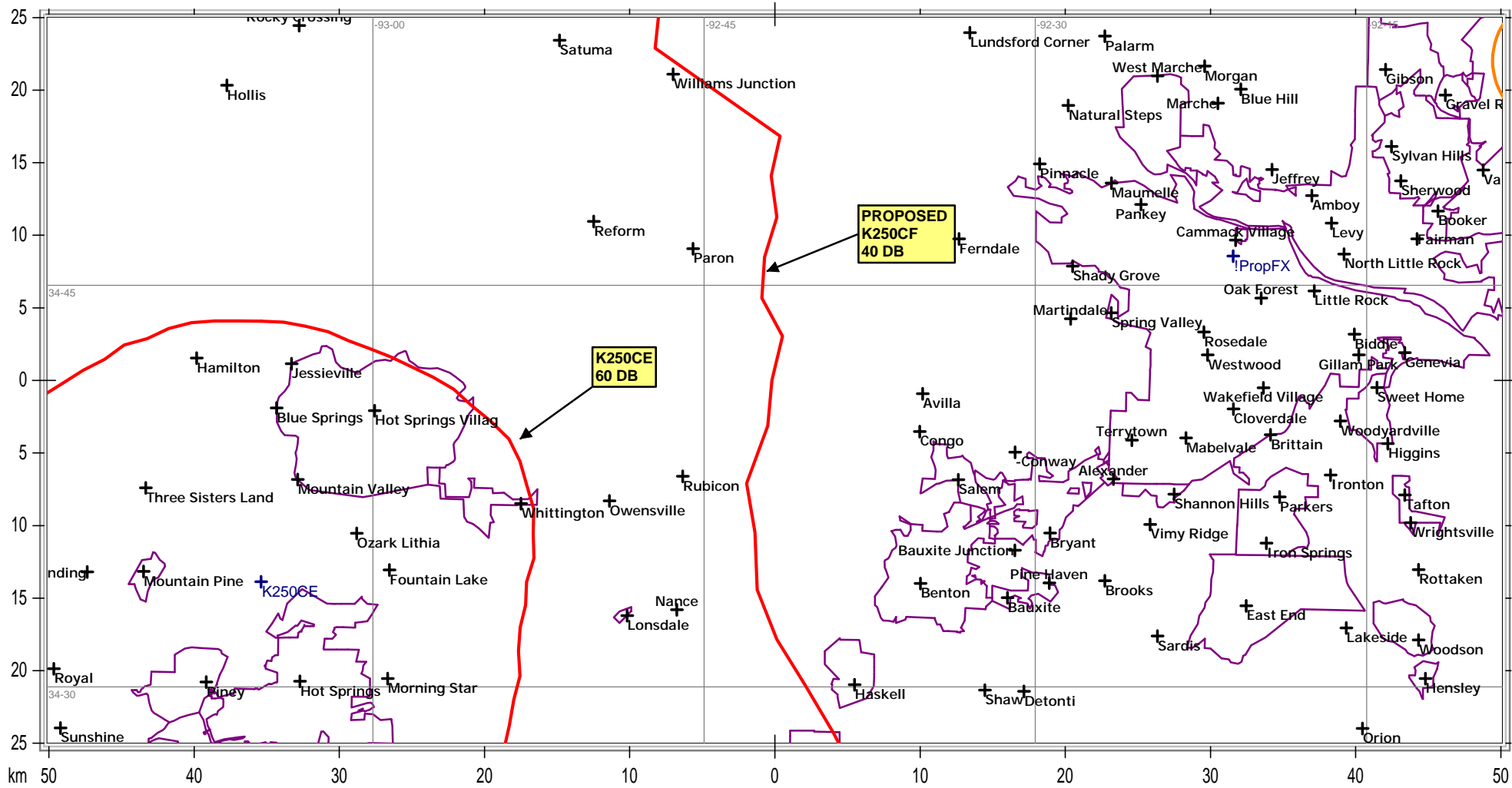
$S = 6.23 \mu\text{W}/\text{cm}^2$ @ 9.8 meters, which is 3.12 % of the $200 \mu\text{W}/\text{cm}^2$ maximum allowable for uncontrolled public access. This is less than 5%, therefore no further study is required.

Applicant will place appropriate signage and restrict public access to the antenna tower site. Applicant will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radio frequency electromagnetic fields in excess of FCC guidelines.

**EXHIBIT 1
SPACING
K250CF PROPOSED**

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Distance_km	Sep	Clr
K250CF	AR	SHERWOOD	97.9	250	250	D	LIC	16	0	-52.94 dB
K250CE	AR	HOT SPRINGS	97.9	250	180	D	LIC	70.9	0	-1.39 dB
KINC-LProp	AR	LITTLE ROCK	98.1	251	50	LP100	LIC	26.38	13	0.42 dB
KQUS-FM	AR	HOT SPRINGS	97.5	248	100000	C1	LIC	81.39	0	3.25 dB
KTLO-FM	AR	MOUNTAIN HOME	97.9	250	30000	C2	LIC	175.42	0	5.96 dB
KJSM-FM	AR	AUGUSTA	97.7	249	100000	C1	LIC	98.18	0	8.65 dB
KTPB	AR	ALTHEIMER	98.1	251	9500	C3	LIC	81.73	0	12.10 dB
K251CO	AR	DARDANELLE	98.1	251	250	D	LIC	97.11	0	14.65 dB
K250BQ	AR	CAMDEN	97.9	250	250	D	LIC	141.22	0	22.59 dB
KZBB	OK	POTEAU	97.9	250	100000	C	LIC	215.47	0	22.56 dB
WIBT	MS	GREENVILLE	97.9	250	9800	C3	LIC	200.32	0	27.82 dB
K250BH	AR	JONESBORO	97.9	250	250	D	LIC	199.9	0	28.18 dB
WIBT	MS	INVERNESS	97.9	250	27500	C2	CP MOD	227.4	0	30.34 dB
WXXM	TN	MILLINGTON	98.1	251	100000	C1	LIC	234.88	0	37.95 dB
KTAL-FM	TX	TEXARKANA	98.1	251	100000	C0	LIC	257.4	0	39.73 dB





 State Borders
  City Borders
  Lat/Lon Grid

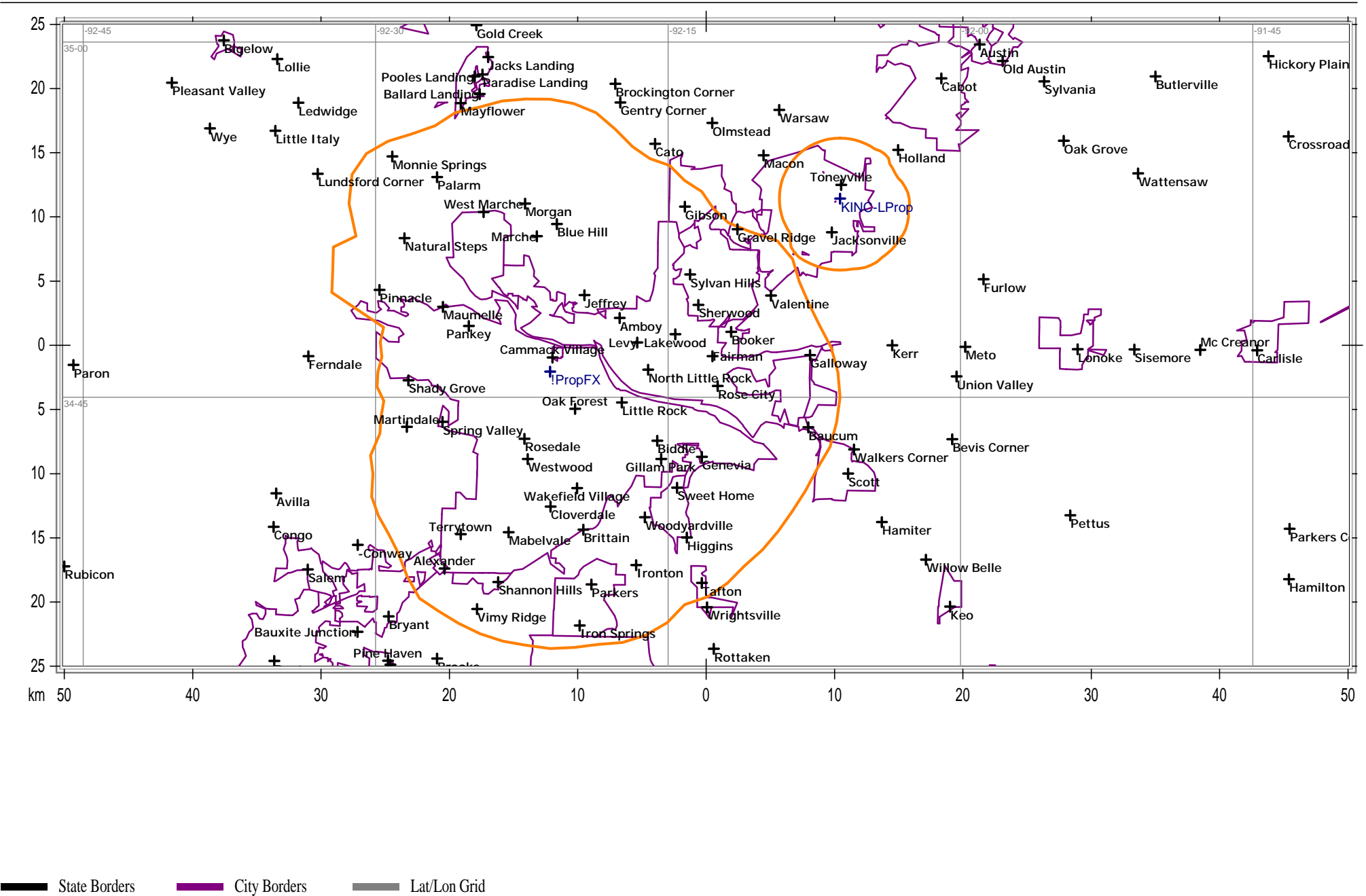


EXHIBIT 4

AERIAL OF NEW SITE
K250CF

Legend

- 6801 Cantrell Rd
- NEW K250CF



Google Earth