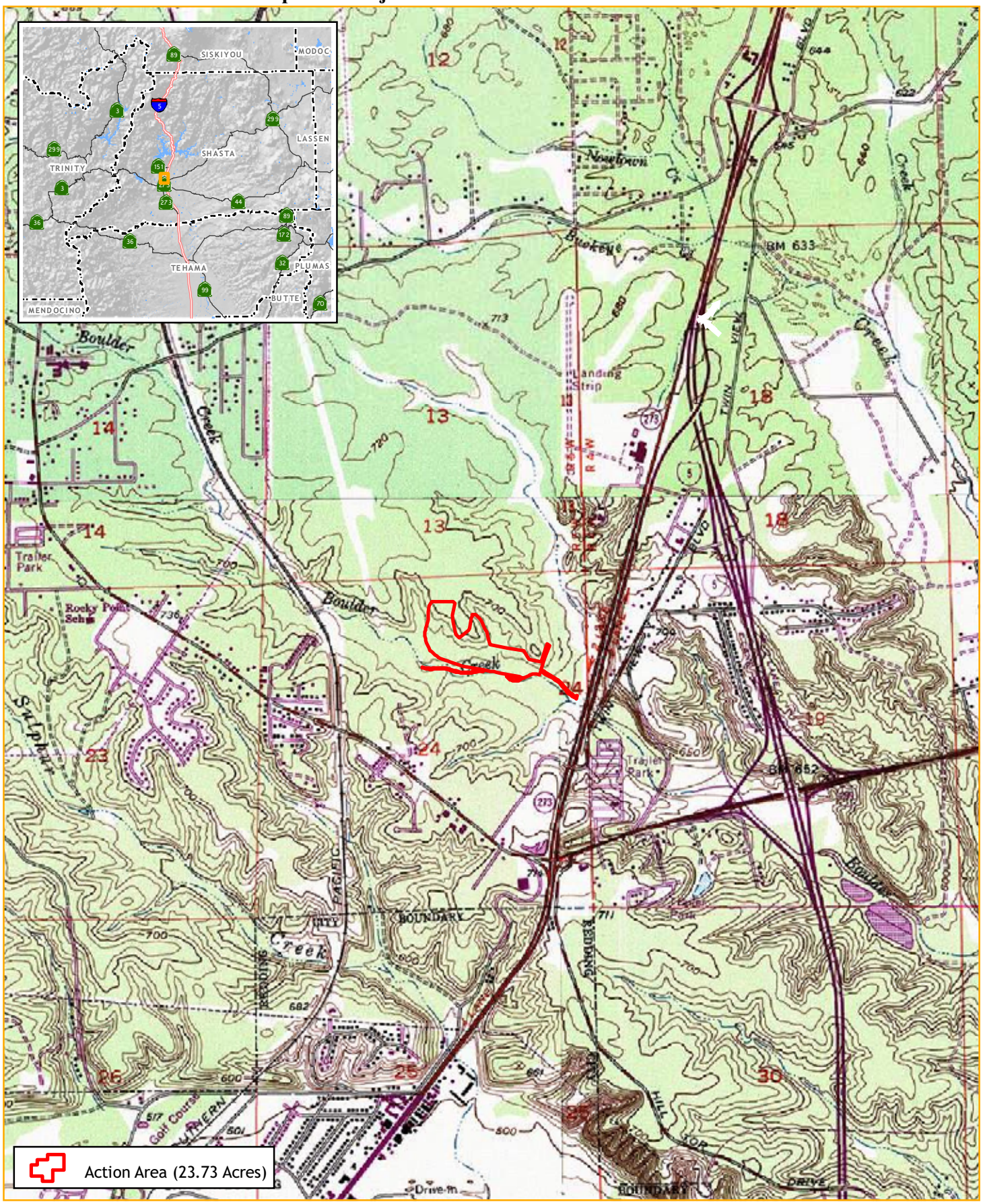
Los Robles Residential Development Project

Location



Parcel data derived from Shasta County
In Section 24 of T32 N & R5 W
Redding and Enterprise USGS 7.5' Quad.
Map Date: Sept. 5, 2007

Miles
0 0.5 1

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Figure 1

Los Robles Residential Development Project

Project Boundary with Easements

Elevation data was provided by SDS Engineering.
Aerial provided by USDA (2005)
Map Date: October 15, 2007

Feet
0 200 400

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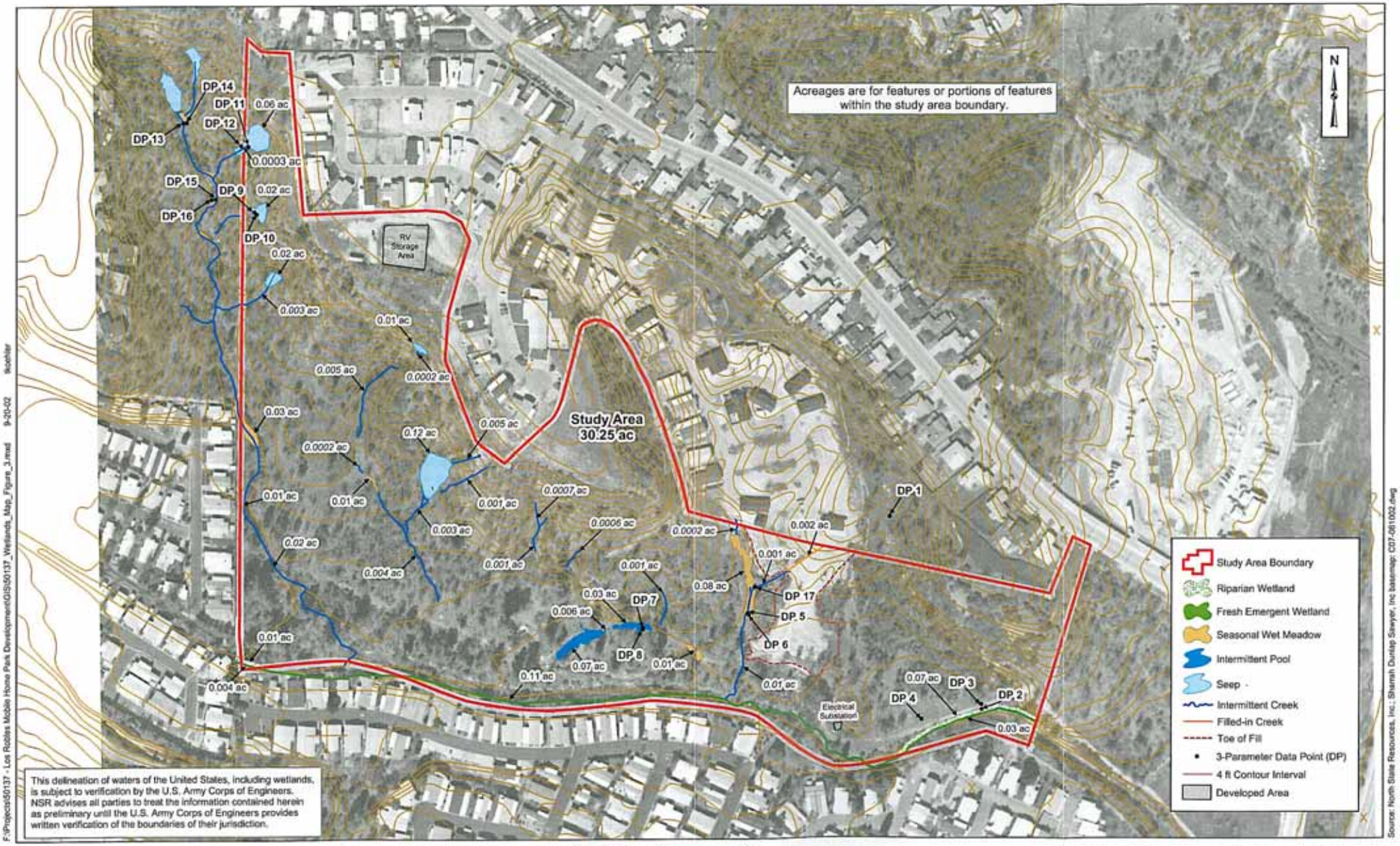

North State Resources, Inc.

0 100 200 400
Feet

Figure 3 - Boundaries of Waters of the U.S., including Wetlands
Los Robles Residential Development Project, Shasta County, California
Sept. 20, 2002

Figure 2

features within the study area, upon overflowing their banks, would drain into Boulder Creek, which ultimately flows to the Sacramento River via Churn Creek.

e) **Summary Table of Jurisdictional Acreage: Table 2** summarizes the acreages of each wetland type delineated within the project study area.

TABLE 2
ACREAGES OF WATERS OF THE U.S.

Wetland Type	Total Acreage
Total Wetlands	
Fresh Emergent Wetland	0.14
Riparian Wetland	0.08
Seep	0.23
Intermittent Pool	0.11
Seasonal Wet Meadow	0.14
Total Wetlands	**0.7**
Other Waters	
Intermittent Creek	0.05
Total Other Waters	**0.05**
Total Jurisdictional Waters	**0.75**

Los Robles Residential Developement

Wetland Delineation Impacts

Direct Impacts

Label	Type	Length (ft.)	Avg. Width (ft.)	Area (ft.^{2})	Acres
WF01	Seep	n/a	n/a	439.636	0.010
WF02	Seep	n/a	n/a	3699.231	0.084
WF06	Seasonal Wetland	n/a	n/a	3124.138	0.072
WF09	Seasonal Wetland	n/a	n/a	401.499	0.009
OW03	Ephemeral Creek	70.856	2	141.712	0.003
OW04	Ephemeral Creek	49.423	2	98.851	0.002
OW05	Ephemeral Creek	13.323	3	39.970	0.001
OW08	Ephemeral Creek	5.384	2	10.769	0.000
OW09	Ephemeral Creek	211.807	1	211.807	0.005
OW14	Filled-In Creek	134.522	1	134.522	0.003
OW01	Intermittent Creek	154.765	1	154.765	0.004
OW02	Intermittent Creek	22.074	1	22.074	0.001
OW10	Intermittent Creek	34.529	2	69.058	0.002
OW11	Intermittent Creek	83.009	1.5	124.514	0.003
OW12	Intermittent Creek	297.953	2	595.905	0.014
OW13	Intermittent Creek	28.950	2	57.900	0.001
	Seep Total =	n/a	n/a	**4098.867**	**0.094**
	Seasonal Wetland Total =	n/a	n/a	**3525.637**	**0.081**
	Ephemeral Creek Total =	350.795	n/a	**503.108**	**0.012**
	Filled-In Creek Total =	134.522	n/a	**134.522**	**0.003**
	Intermittent Creek Total =	621.279	n/a	**1024.215**	**0.024**
	Direct Impacts Total =	1106.596	n/a	**9286.348**	**0.213**

Indirect Impacts

Label	Type	Length (ft.)	Avg. Width (ft.)	Area (ft.^{2})	Acres
WF04	Intermittent Pool	n/a	n/a	4617.000	0.106
WF02	Seep	n/a	n/a	1347.029	0.031
WF08	Seep	n/a	n/a	234.911	0.005
WF05	Seasonal Wetland	n/a	n/a	534.157	0.012
WF06	Seasonal Wetland	n/a	n/a	200.703	0.005
OW03	Ephemeral Creek	19.148	2	38.296	0.001
OW01	Intermittent Creek	201.875	1	201.875	0.005
OW15	Intermittent Creek	97.722	2	195.444	0.004
	Intermittent Pool Total =	n/a	n/a	**4617.000**	**0.106**
	Seep Total =	n/a	n/a	**1581.940**	**0.036**
	Seasonal Wetland Total =	n/a	n/a	**734.860**	**0.017**
	Ephemeral Creek Total =	19.148	n/a	**38.296**	**0.001**
	Intermittent Creek Total =	299.597	n/a	**397.319**	**0.009**
	Indirect Impacts Total =	318.745	n/a	**7369.414**	**0.169**

Total of All Direct and Indirect Impacts =	1425.341	n/a	16655.762	0.382

The information contained in this map should be considered preliminary until written verification by the U.S. Army Corps of Engineers.
The extent of wetland features was derived from a previous delineation performed by North State Resources. Elevation data was provided by SDS Engineering.
Aerial provided by USDA (2005)
Map Date: September 24, 2007

Feet
0 200 400

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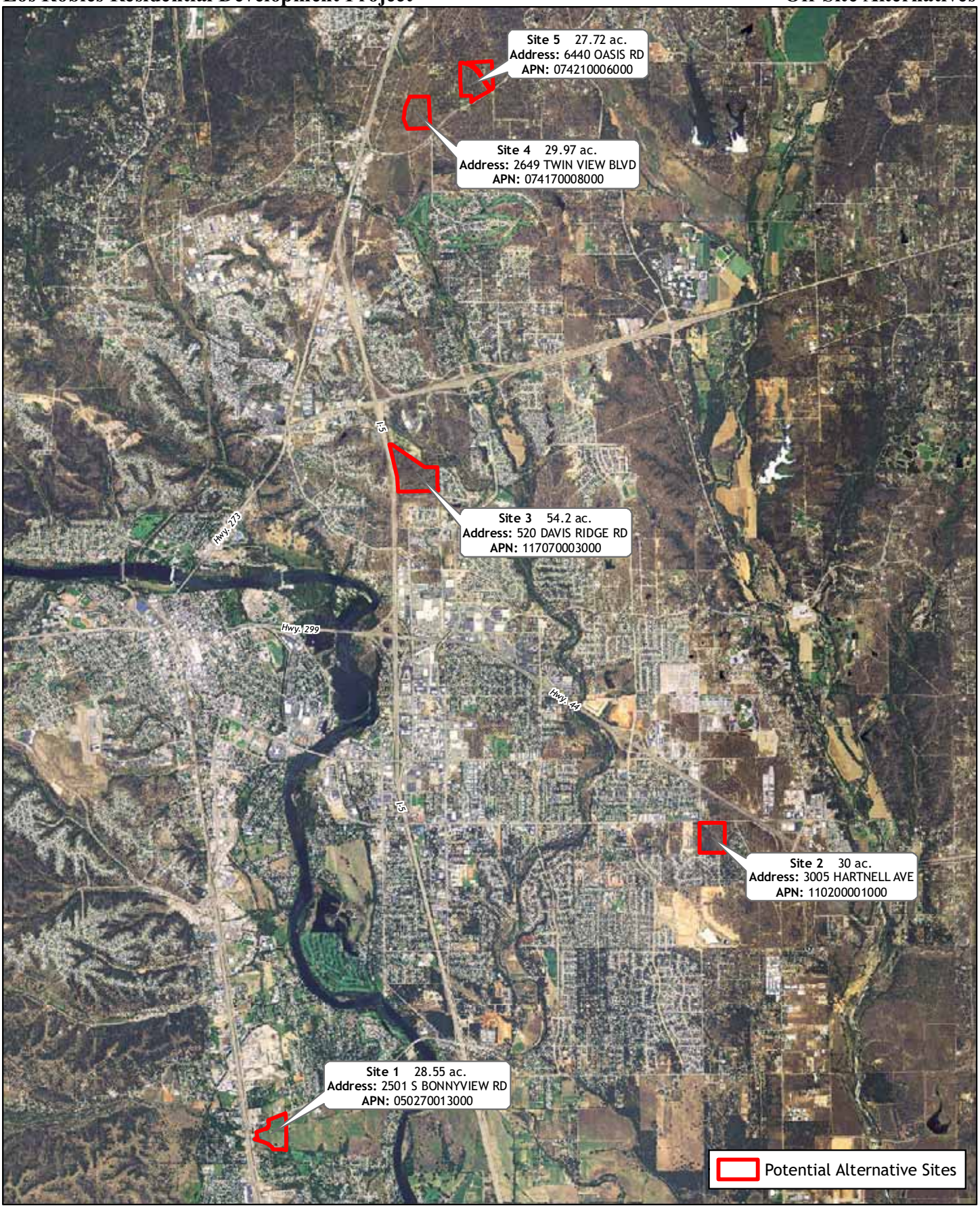
Los Robles Residential Development Project

Off-Site Alternatives



Sites are between 20 and 30 acres
and lie in RM-6 or RM-9 City of Redding Zoning
Aerial: Feb. 2005 (NAIP)
Map Date: 09/11/2007

Miles
0 0.25 0.5

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Figure 4