

SASD 2010 SYSTEM CAPACITY PLAN EXPANSION TRUNK SHEDS

UN RIO LINDA SW TRUNK SHED

Area Description

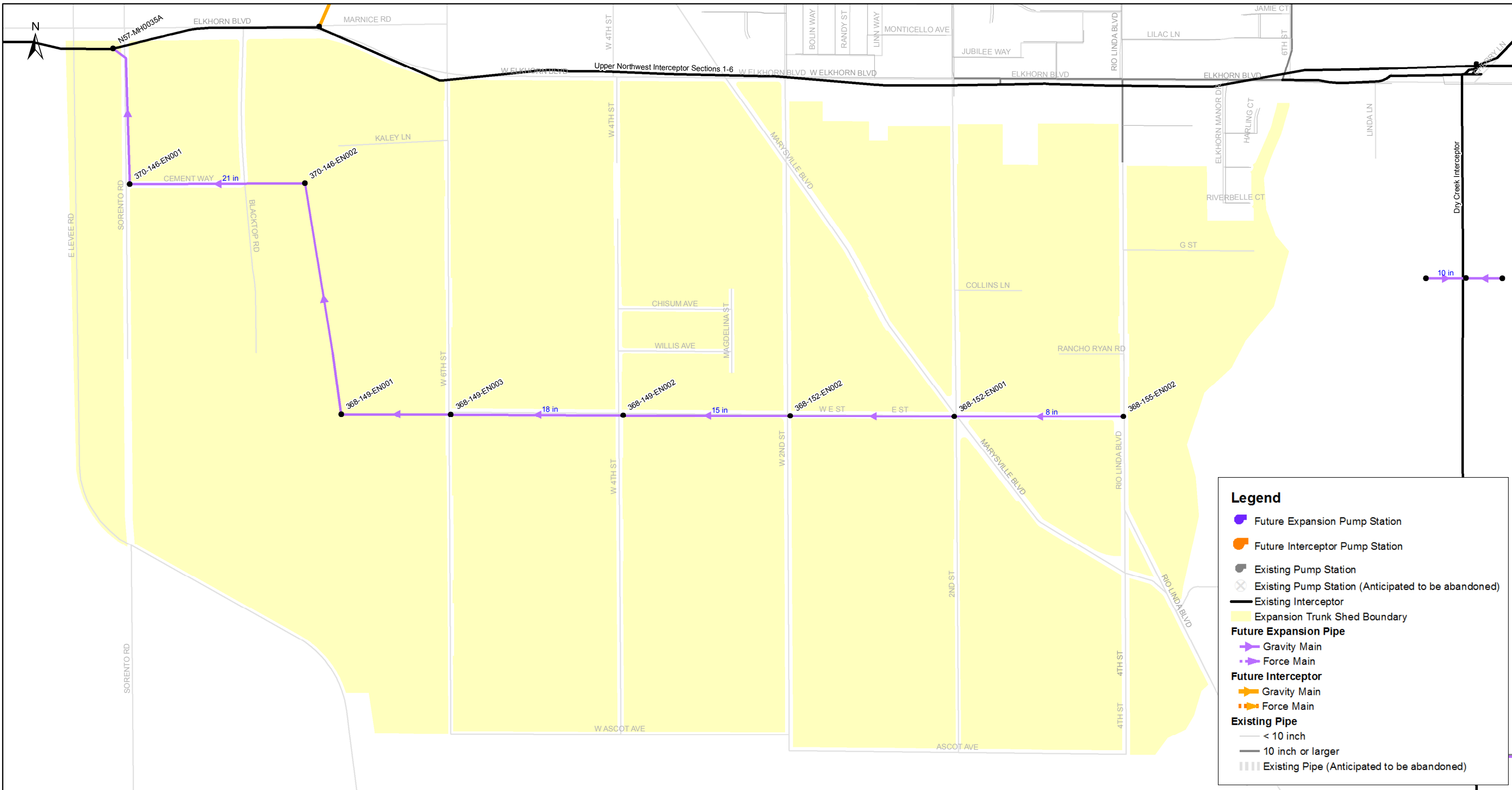
The UN Rio Linda SW Trunk Shed is located south of Elkhorn Boulevard, east of the Natomas East Drainage Canal, and west of Dry Creek.

Trunk System Facilities

This trunk shed would be served by a major trunk sewer which would connect into Section 4 of the Upper Northwest Interceptor. The trunk follows E Street west, the Union Pacific Railroad north, Cement Road west, and Sorento Road north before connecting to the interceptor at manhole N57-MH0035A.

**UN Rio Linda SW
Trunk Sewer Data and Model Results
Buildout 10-Year Design Storm**

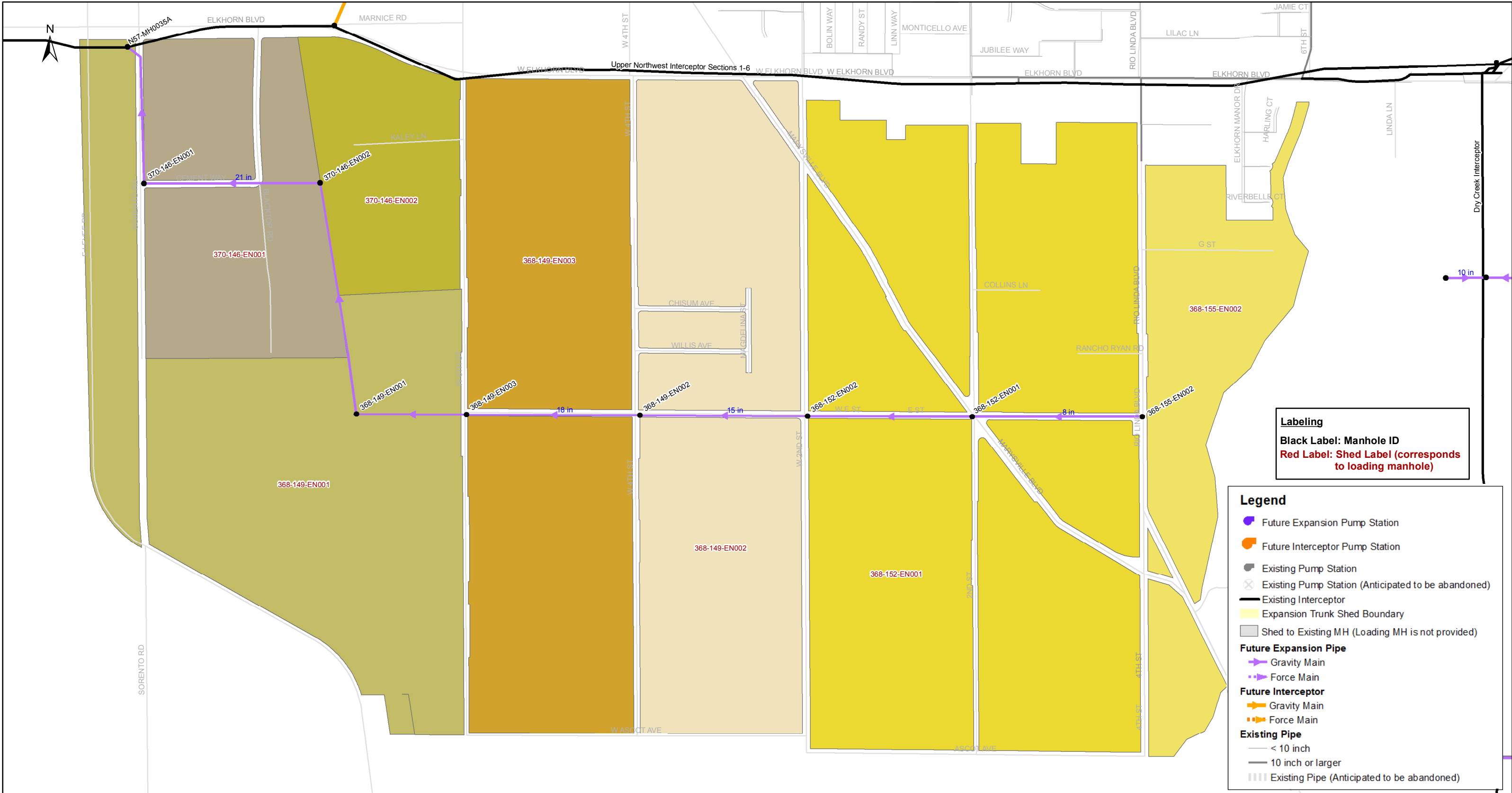
US Manhole	DS Manhole	Link Suffix	Link Type	Diameter (in)	Length (ft)	US Rim Elev. (ft)	US Invert Elev. (ft)	DS Rim Elev. (ft)	DS Invert Elev. (ft)	Slope, %	Full Capacity (mgd)	Peak Flow (mgd)	% Full Capacity	d/D
368-152-EN001	368-152-EN002	1	Gravity Main	15	1285	43.3	15.5	44.0	13.2	0.180	1.77	1.33	75	0.7
368-152-EN002	368-149-EN002	1	Gravity Main	15	1307	44.0	13.2	36.0	10.8	0.180	1.77	1.33	75	0.8
368-149-EN002	368-149-EN003	1	Gravity Main	18	1350	36.0	10.8	30.5	8.9	0.140	2.54	1.92	76	0.8
368-149-EN003	368-149-EN001	1	Gravity Main	18	858	30.5	8.9	27.4	7.7	0.140	2.54	2.52	99	0.8
368-149-EN001	370-146-EN002	1	Gravity Main	21	1832	27.4	7.7	36.8	5.5	0.120	3.55	2.82	79	0.7
370-146-EN002	370-146-EN001	1	Gravity Main	21	1373	36.8	5.5	33.6	3.9	0.120	3.55	3.01	85	0.7
370-146-EN001	N57-MH0035A	1	Gravity Main	21	1113	33.6	3.9	36.2	2.3	0.140	3.84	3.31	86	0.7



2010 SASD SYSTEM CAPACITY PLAN

UN Rio Linda SW
Buildout Expansion Plan

FIGURE A.20-1




SACRAMENTO AREA SEWER DISTRICT

2010 SASD SYSTEM CAPACITY PLAN
UN Rio Linda SW
Sewer Shed Map
Buildout Expansion Plan
FIGURE A.20-2