

SASD 2010 SYSTEM CAPACITY PLAN EXPANSION TRUNK SHEDS

DRY RIO LINDA SE TRUNK SHED

Area Description

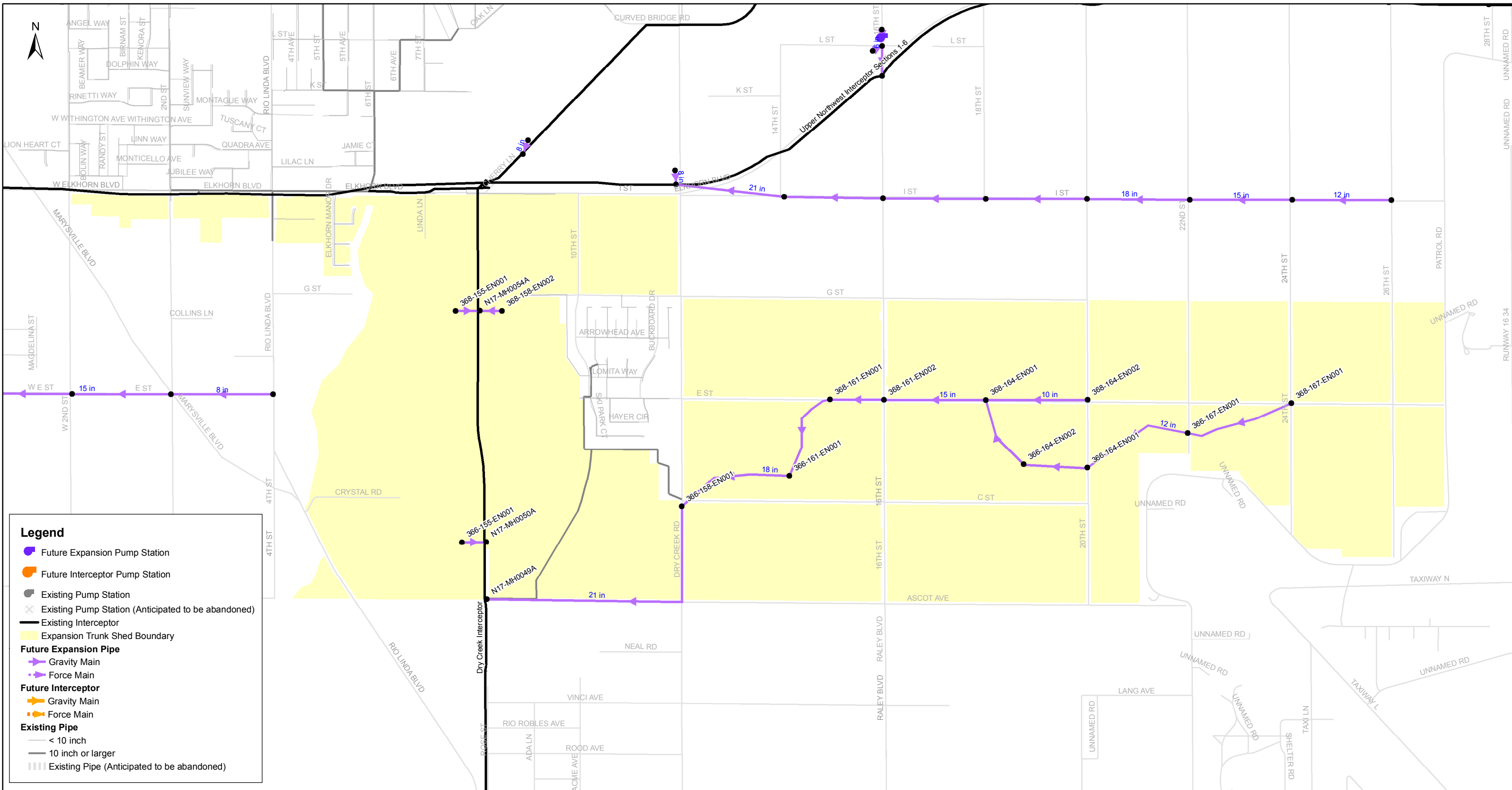
The DRY Rio Linda SE Trunk Shed is located south of Elkhorn Boulevard, north of Ascot Avenue, and on the east and west side of Dry Creek Road.

Trunk System Facilities

This trunk shed would be served by a major trunk sewer that would connect into Dry Creek Interceptor. The trunk sewer would extend largely eastward from the interceptor. The upstream portion of the trunk generally follows the existing Robla Creek alignment, then travels south on Dry Creek Road and west on Ascot Avenue before connecting to the interceptor at manhole N17-MH0049A.

**DRY Rio Linda SE
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
366-164-EN001	366-164-EN002	1	Gravity Main	15	833	51.4	36.6	52.0	35.1	0.180	1.77	1.01	57	0.7
366-164-EN002	368-164-EN001	1	Gravity Main	15	1002	52.0	35.1	46.7	33.3	0.180	1.77	1.32	75	0.9
368-164-EN001	368-161-EN002	1	Gravity Main	15	1322	46.7	33.3	46.0	30.9	0.180	1.77	1.76	99	0.9
368-161-EN002	368-161-EN001	1	Gravity Main	18	698	46.0	30.6	44.0	29.7	0.140	2.54	2.06	81	0.7
368-161-EN001	366-161-EN001	1	Gravity Main	18	1232	44.0	29.7	42.0	27.9	0.140	2.54	2.20	87	0.9
366-161-EN001	366-158-EN001	1	Gravity Main	18	1541	42.0	27.9	42.1	25.8	0.140	2.54	2.49	98	0.8
366-158-EN001	N17-MH0049A	1	Gravity Main	21	3771	42.1	25.5	34.3	21.0	0.120	3.55	2.89	81	0.7

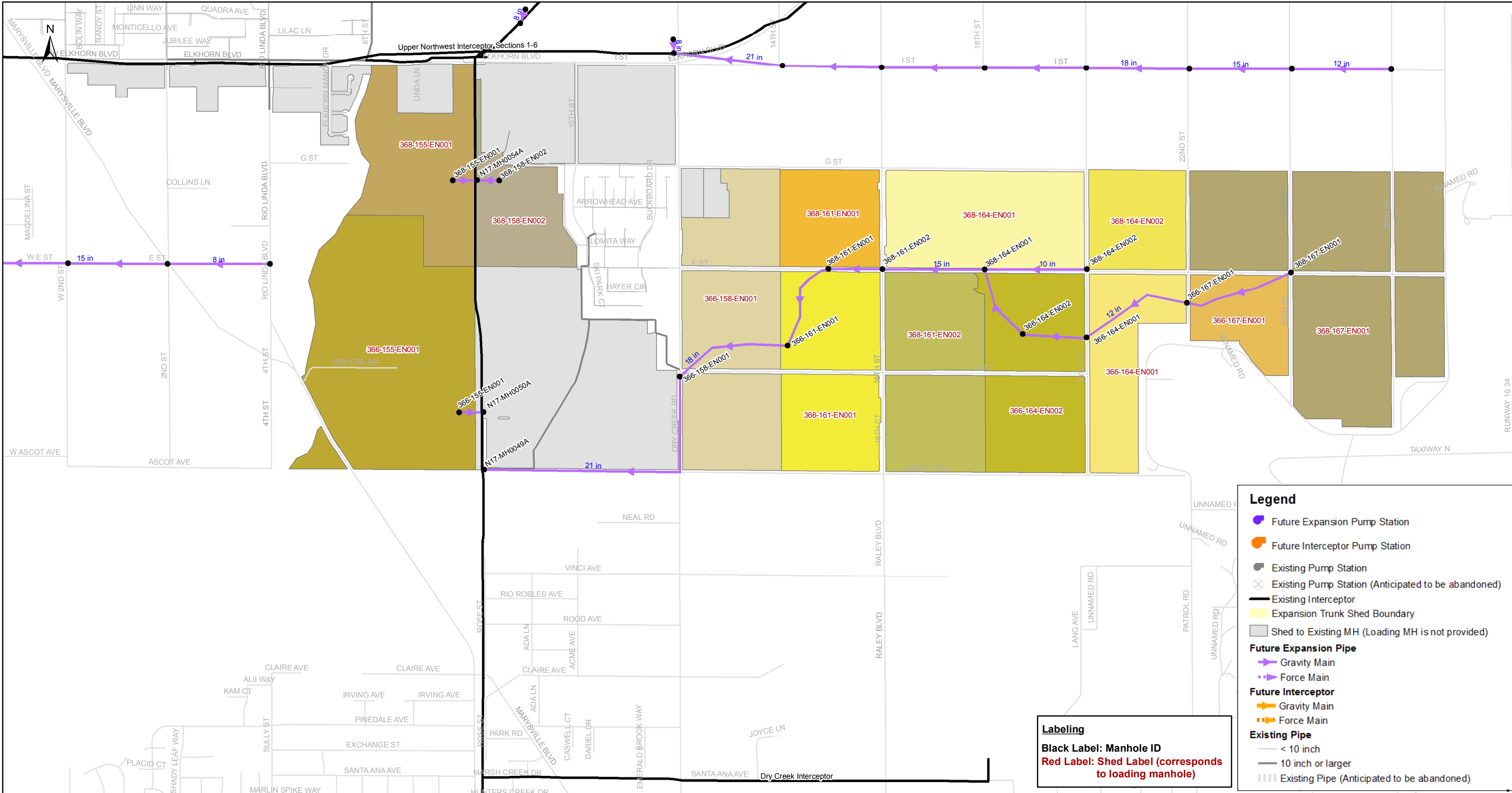


Legend

- Future Expansion Pump Station
- Future Interceptor Pump Station
- Existing Pump Station
- Existing Pump Station (Anticipated to be abandoned)
- Existing Interceptor
- Expansion Trunk Shed Boundary
- Future Expansion Pipe**
- Gravity Main
- Force Main
- Future Interceptor**
- Gravity Main
- Force Main
- Existing Pipe**
- < 10 inch
- 10 inch or larger
- Existing Pipe (Anticipated to be abandoned)

DRY Rio Linda SE
Buildout Expansion Plan

FIGURE A.11-1




SACRAMENTO AREA SEWER DISTRICT
2010 SASD SYSTEM CAPACITY PLAN
DRY Rio Linda SE
Sewer Shed Map
Buildout Expansion Plan
FIGURE A.11-2