SASD 2010 SYSTEM CAPACITY PLAN EXPANSION TRUNK SHEDS

UN RIO LINDA EAST TRUNK SHED

Area Description

The UN Rio Linda East Trunk Shed is located north and south of Elkhorn Boulevard and east of Dry Creek. A portion of the North Watt Corridor Redevelopment Area lies on the eastern boundary of the shed and a portion of this area is expected to develop by 2020. However, specific information regarding the 2020 development is not yet available and therefore not included in this SCP report. More information for the North Watt Corridor Project can be found in the SASD Project Development Plan (PDP-1) report.

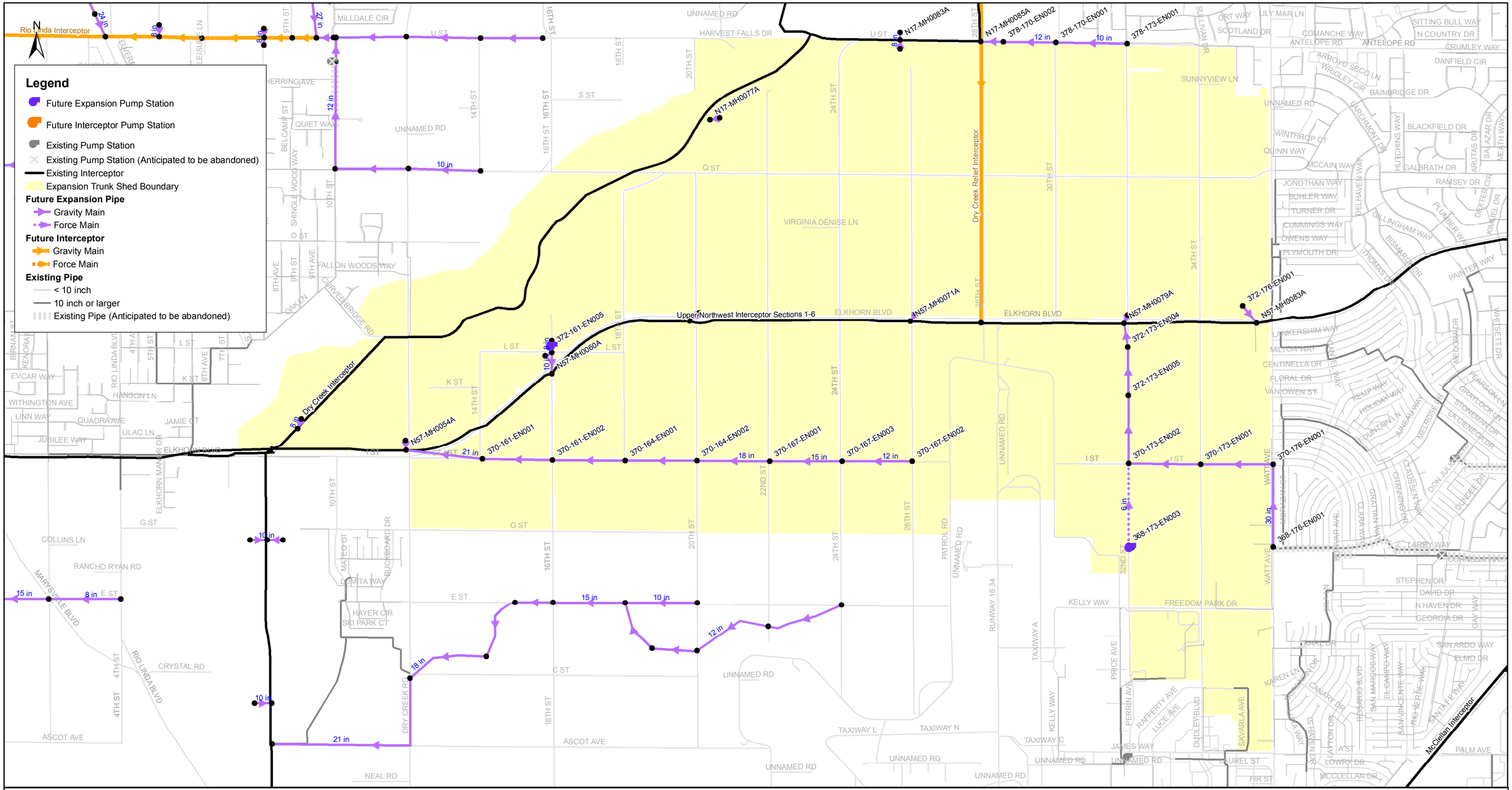
Trunk System Facilities

Two major trunk sewers would serve the area of the trunk shed south of Elkhorn Boulevard. These major trunk sewers would connect into Section 5 of the Upper Northwest Interceptor. One of the trunks runs west on I Street and north on 32nd Street and connects to interceptor manhole N57-MH0079A. The other trunk runs west on I Street and connects to interceptor manhole N57-MH0054A. A collector pump station is located on 32nd Street south of I Street.

The area of the trunk shed north of Elkhorn Boulevard would be served by a small trunk sewer that runs west on U Street and connects into the Dry Creek Interceptor at manhole N17-MH0085A. Additionally, there are a number of local collectors connecting into the trunk in Watt Avenue and the Upper Northwest Interceptor.

UN Rio Linda East
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
368-176-EN001	370-176-EN001	1	Gravity Main	30	1515	82.0	66.5	90.0	65.0	0.100	8.39	6.75	80	0.7
370-176-EN001	370-173-EN001	1	Gravity Main	30	1326	90.0	65.0	82.0	63.7	0.100	8.39	6.74	80	0.7
370-173-EN001	370-173-EN002	1	Gravity Main	30	1324	82.0	63.7	84.0	62.4	0.100	8.39	6.82	81	0.7
370-173-EN002	372-173-EN005	1	Gravity Main	30	1252	84.0	62.4	78.0	61.1	0.100	8.39	7.21	86	0.7
372-173-EN005	372-173-EN004	1	Gravity Main	30	884	78.0	61.1	76.0	60.2	0.100	8.39	7.49	89	0.7
372-173-EN004	N57-MH0079A	1	Gravity Main	30	435	76.0	60.2	78.0	59.8	0.100	8.39	7.78	93	0.7
370-167-EN003	370-167-EN001	1	Gravity Main	15	1327	63.9	41.0	60.0	38.6	0.180	1.77	1.43	81	0.7
370-167-EN001	370-164-EN002	1	Gravity Main	18	1333	60.0	38.4	60.0	36.5	0.140	2.54	2.34	92	0.8
370-164-EN002	370-164-EN001	1	Gravity Main	18	1314	60.0	36.5	56.0	34.7	0.140	2.54	2.32	91	0.8
370-164-EN001	370-161-EN002	1	Gravity Main	21	1334	56.0	34.4	58.0	32.8	0.120	3.54	3.13	88	0.7
370-161-EN002	370-161-EN001	1	Gravity Main	21	1283	58.0	32.8	55.0	31.3	0.120	3.54	3.13	88	0.8
370-161-EN001	N57-MH0054A	1	Gravity Main	21	1411	55.0	31.3	50.3	29.6	0.120	3.55	3.55	100	0.8
378-170-EN001	378-170-EN002	1	Gravity Main	12	964	78.0	54.8	74.9	52.3	0.270	1.19	1.02	86	0.7
378-170-EN002	N17-MH0085A	1	Gravity Main	15	415	74.9	52.0	71.5	51.3	0.180	1.77	1.24	70	0.9



SACRAMENTO AREA SEWER DISTRICT

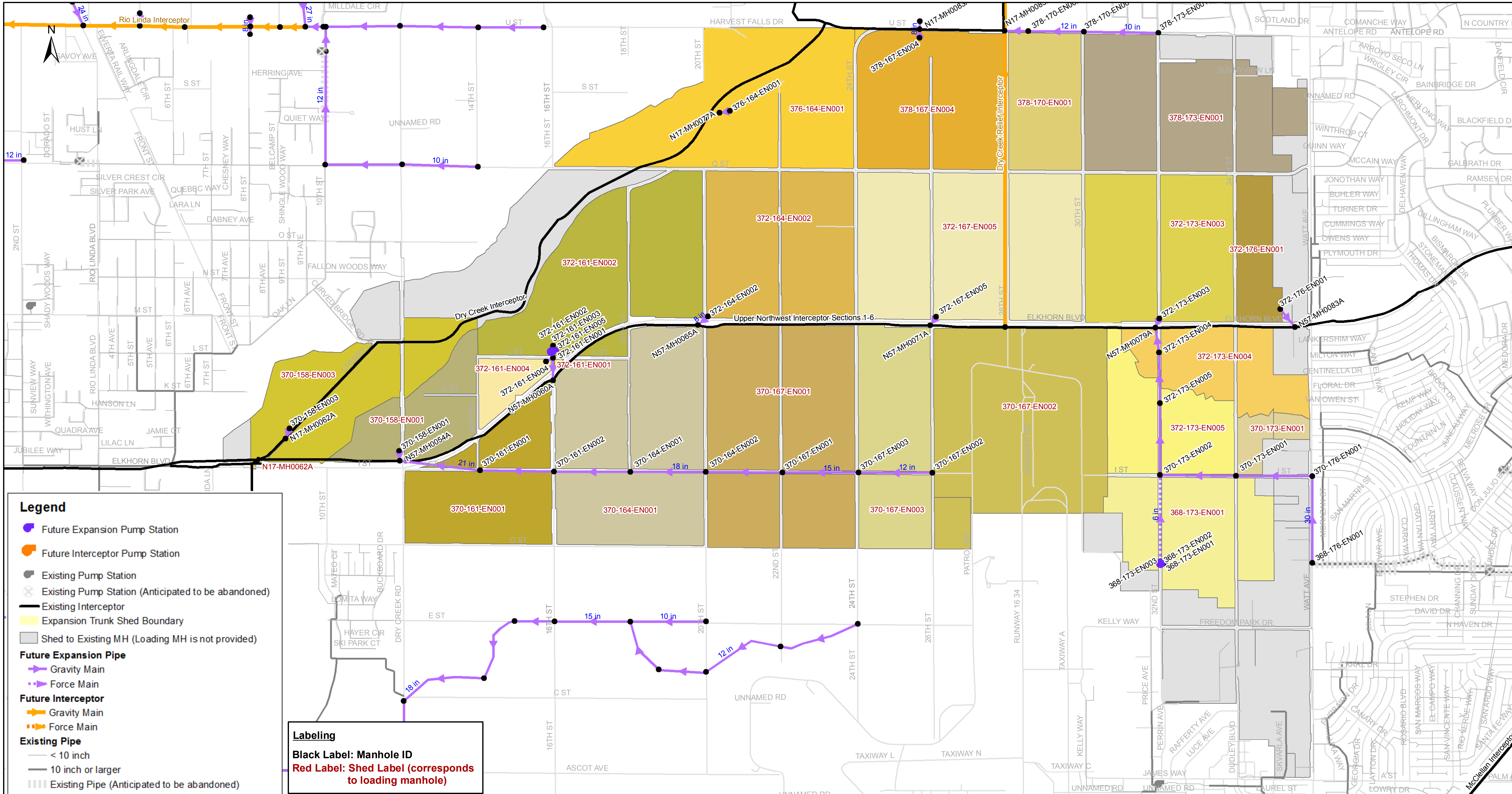
2010 SASD SYSTEM CAPACITY PLAN

UN Rio Linda East

Buildout Expansion Plan

FIGURE A.19-1

Date last revised: 10/12/2011



SACRAMENTO AREA SEWER DISTRICT

2010 SASD SYSTEM CAPACITY PLAN

UN Rio Linda East
Sewer Shed Map
Buildout Expansion Plan

FIGURE A.19-2

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