

2020 SASD System Capacity Plan

Appendix A - Expansion Area Trunk Shed Plans

Cover Page

Appendix A includes additional information for the following 22 expansion trunk sheds that are planned to have future trunks.

ID	Expansion Trunk Sheds That Need Future Trunks
1	BR Bond Sheldon
2	BR Calvine
3	BR East Rancho
4	BR Elder Creek
5	BR Florin
6	BR Gerber
7	BR Jackson
8	BR Mather East
9	CE Elk Grove Florin
10	DR Rio Linda SE
11	DR UN Rio Linda East
12	FE Folsom
13	LA East Franklin
14	LA Elk Grove
15	LA Elk Grove SOI
16	LA Laguna Ridge
17	NE CE Gravel West
18	NN Metro Air
19	UN Elverta
20	UN Orangevale
21	UN Rio Linda SW
22	UN Rio Linda West

Each expansion trunk shed in Appendix A has three components - an overview shed and trunk facility description, a trunk facility and model result data table, and two sewer shed maps. A summary of each component follows below.

Area and Trunk Facilities Description

Expansion trunk shed description includes an overview of the shed's relative location and boundaries under the assumed buildout land use conditions. Special planning areas and approved sewer studies may be specified in the description. Future trunk facilities, including gravity pipes, pump stations, and force mains are indicated. Downstream connections to the Regional San interceptors are also identified. Expansion trunks that are already constructed are called out, and comments about temporary facilities may be included. Descriptions may also include miscellaneous development and construction concerns.

Trunk Sewer Data and Model Results Table

The expansion trunk shed table includes asset attribute data and model results for the future trunk facilities in that shed. Future trunk assets' attribute data includes pipe diameters, lengths, inverts, slopes, and capacities. Model result data includes peak flows under buildout 10-Year Design Storm conditions.

Sewer Shed Maps

Two maps are provided for each expansion trunk shed.

The first map is titled "**Sewer Shed and Facilities.**" *The primary purpose of this map is to show the overall sewer shed and the future trunk sewers that are planned to be constructed within the shed.* Nearby future trunks from adjacent expansion sheds are also included in the map to provide a comprehensive picture of the future sewer system.

The second map is titled "**Sub-Sheds and Connection Manholes.**" *The primary purpose of this map is to show individual sub-sewer basins and their planned connection manholes.*

Expansion trunk sheds are subdivided into smaller sub-sheds, and each sub-shed is assigned a manhole that the sub-shed is planned to drain to.

Be advised that all SCP maps (including expansion trunk shed maps) show all parcels that lie within the SCP study area, including areas that are designated as open space and other undevelopable land. These open space and undevelopable parcels do not generate any contributing flow in model simulation.