

Sobrante Water Treatment Plant Reliability Improvements Project

El Sobrante MAC Meeting, August 9, 2023



Agenda

- Project purpose and scope
- Site & landscape plans
- Conceptual visual simulations
- Project schedule
- Next Steps

SOWTP Service Area

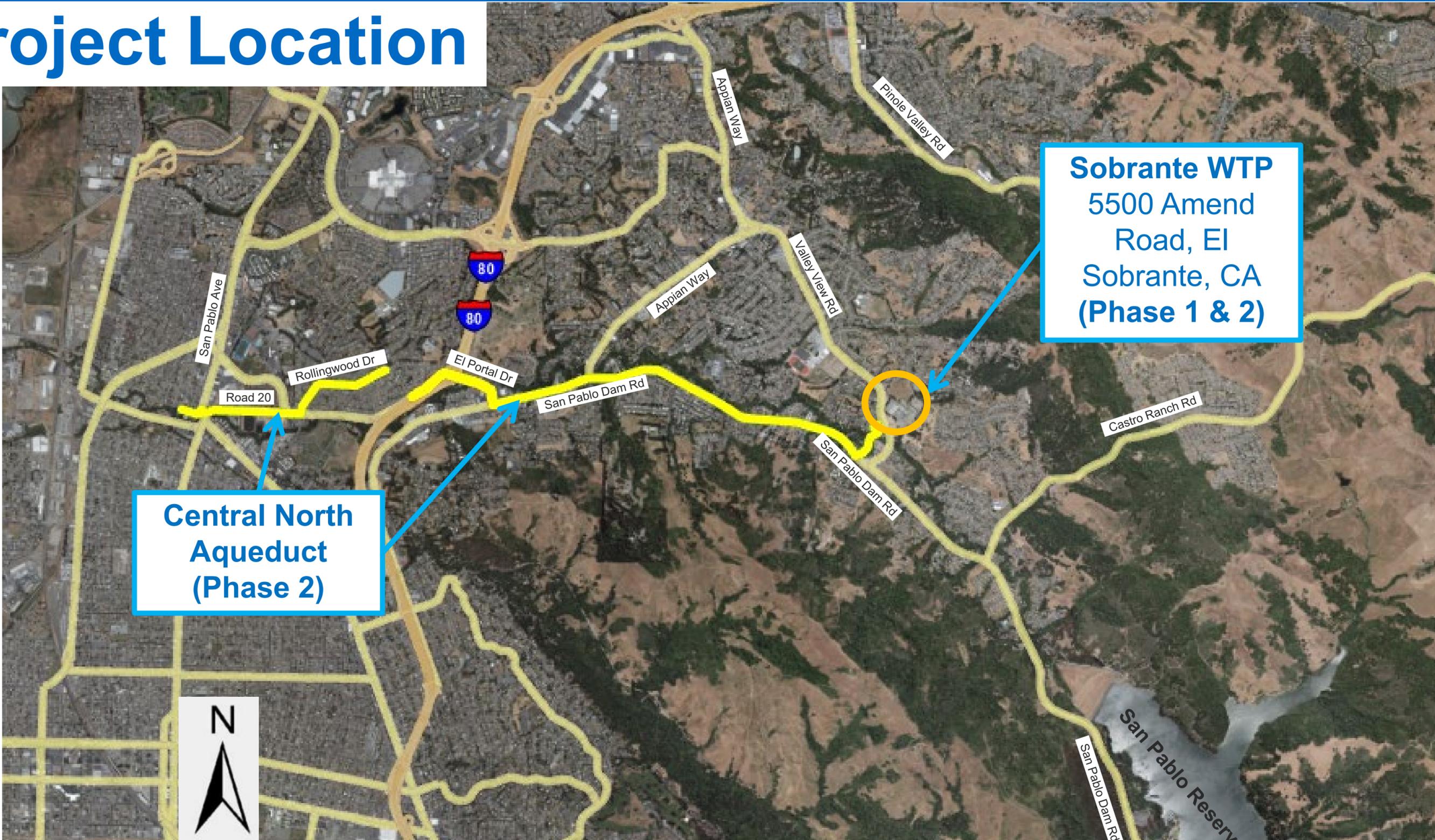
Providing Resilience



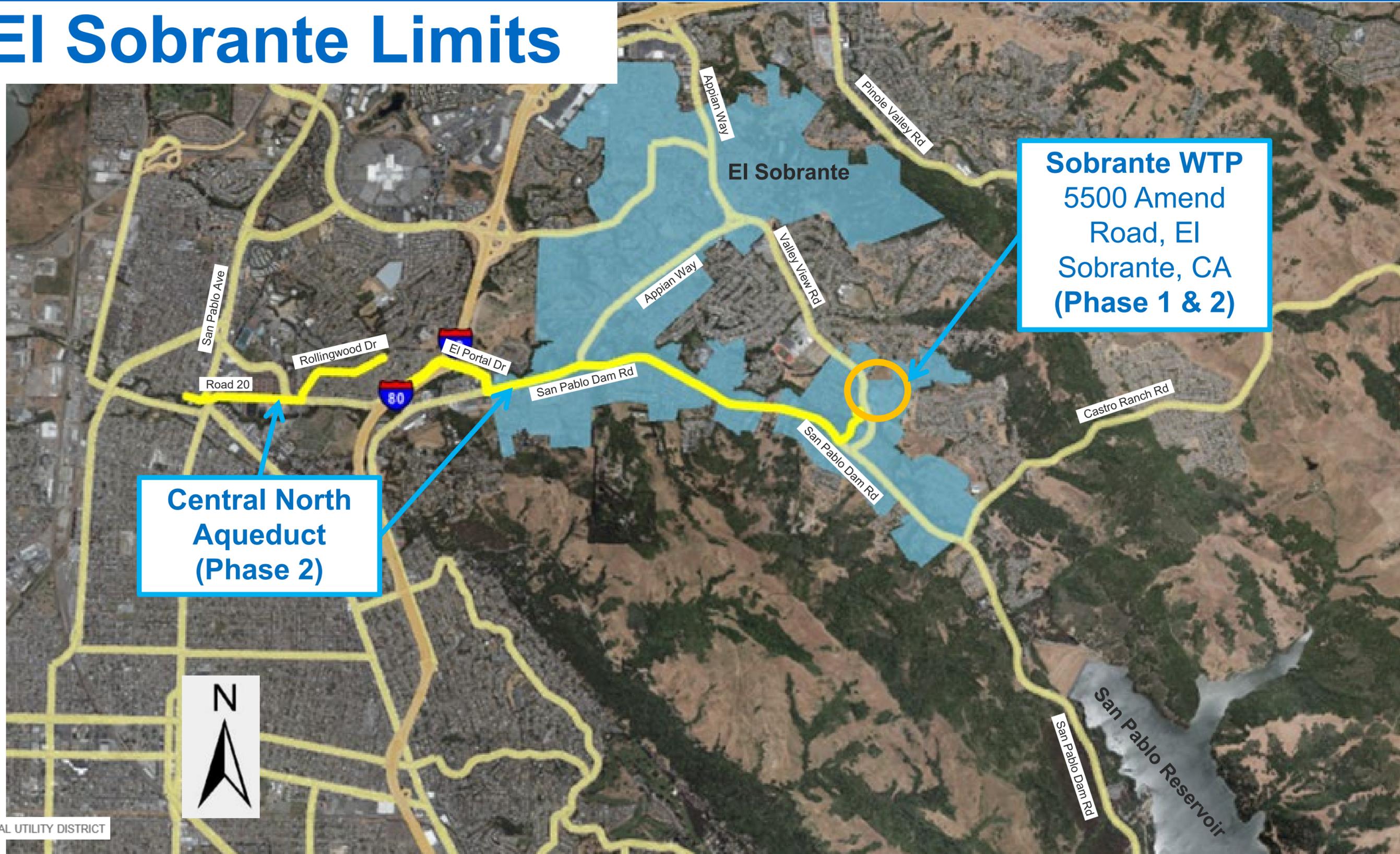
Project Purpose

- Replace aging infrastructure
- Meet existing and future water demands
- Maintain water quality and reduce disinfectant byproducts
- Support drought operations
- Provide treatment capacity for changing untreated water quality or untreated water aqueduct outages

Project Location



El Sobrante Limits



Sobrante WTP Proposed Improvements

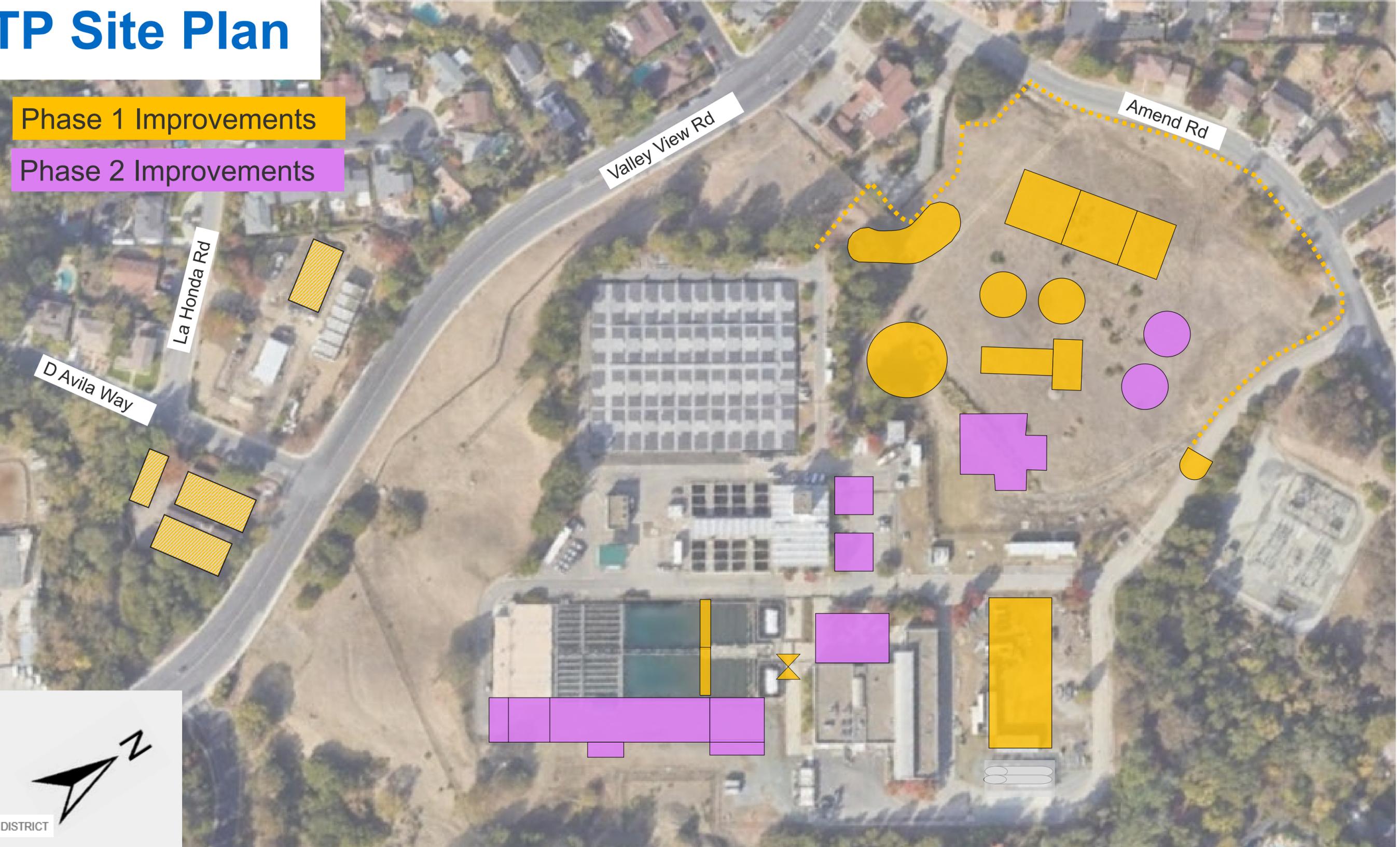
- Construct new structures to increase reliable capacity of Sobrante Water Treatment Plant (WTP)
 - Phase 1 (near term): 60 MGD
 - Phase 2 (long term): 80 MGD
- After Phase 1 completed, demolish existing aging structures
- In Phase 2, construct the Central North Aqueduct pipeline to convey Phase 2 treatment capacity

*MGD: Million Gallons Per Day

SOWTP Site Plan

Phase 1 Improvements

Phase 2 Improvements



New buildings visible from Amend Road

Process Buildings

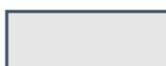


- Constructed in Phase 1 (right) and 2 (left)
- Designed to match the style of the Richmond Fire Station and nearby homes.
- Symmetrical shape, traditional arches, windows and walls with trim, and sloped red roofs

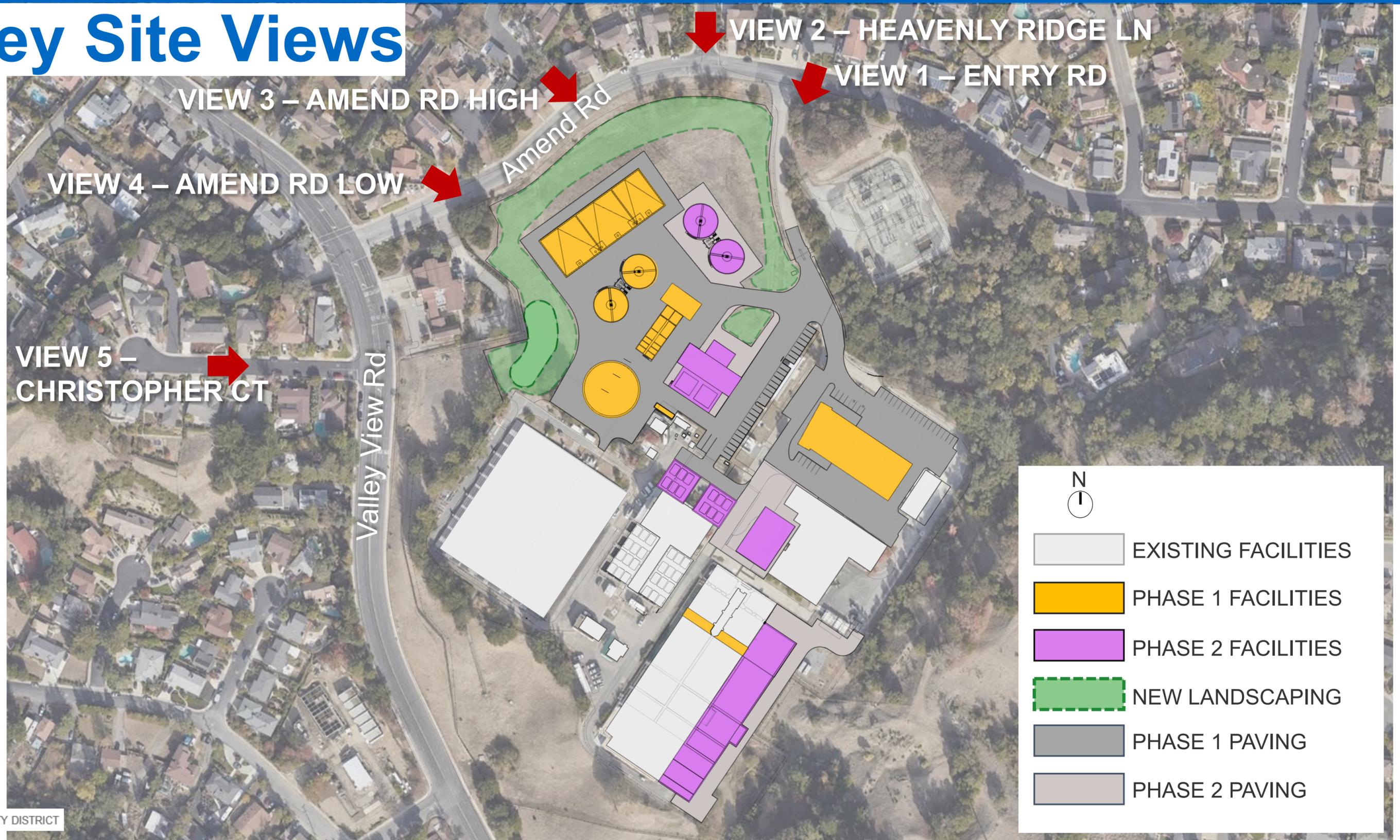


Landscape/Screening Plan

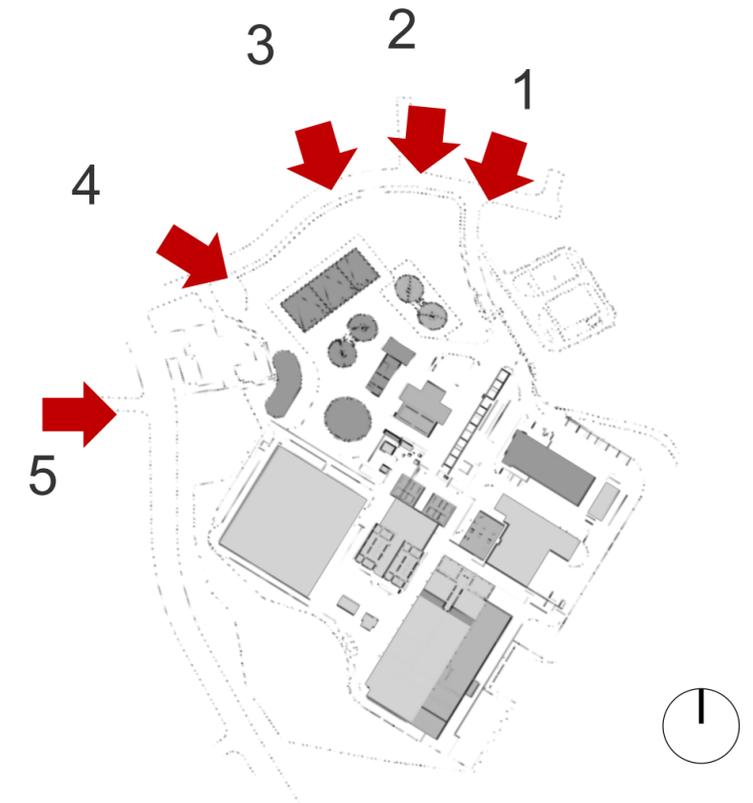


-  N
-  PHASE 1 FACILITIES
-  PHASE 2 FACILITIES
-  NEW LANDSCAPING
-  PHASE 1 PAVING
-  PHASE 2 PAVING

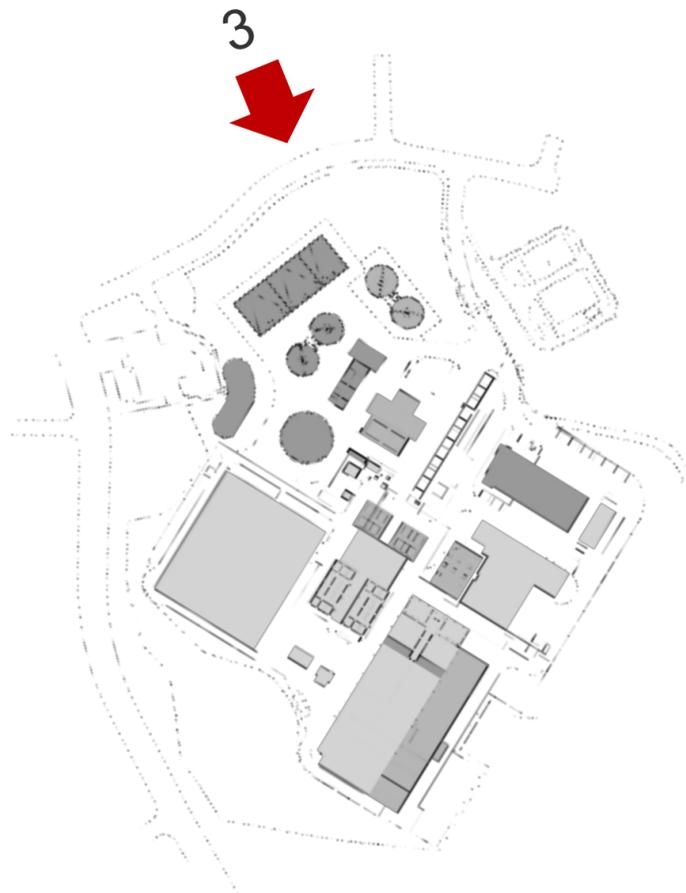
Key Site Views



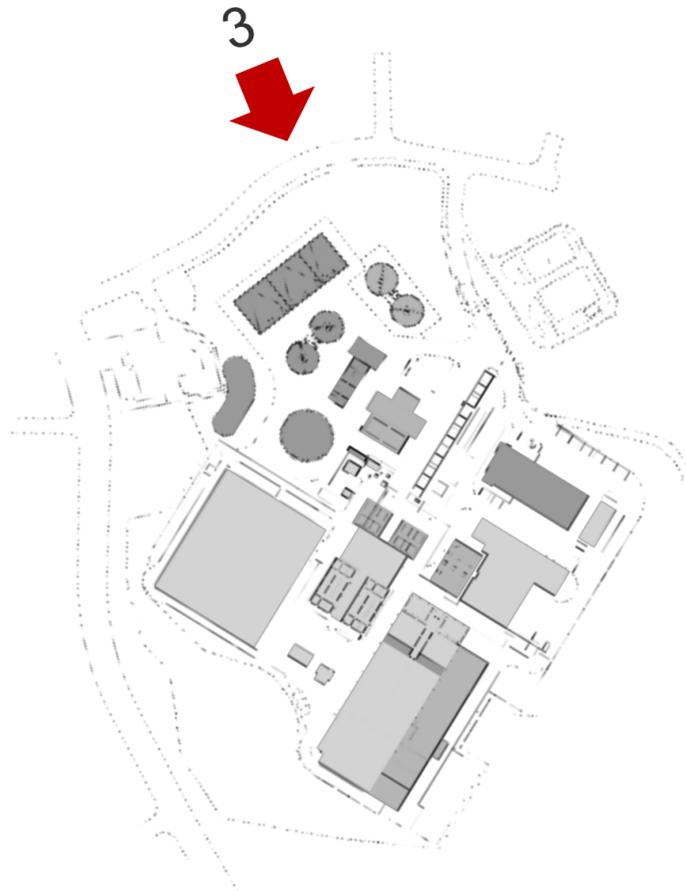
Key Site Views



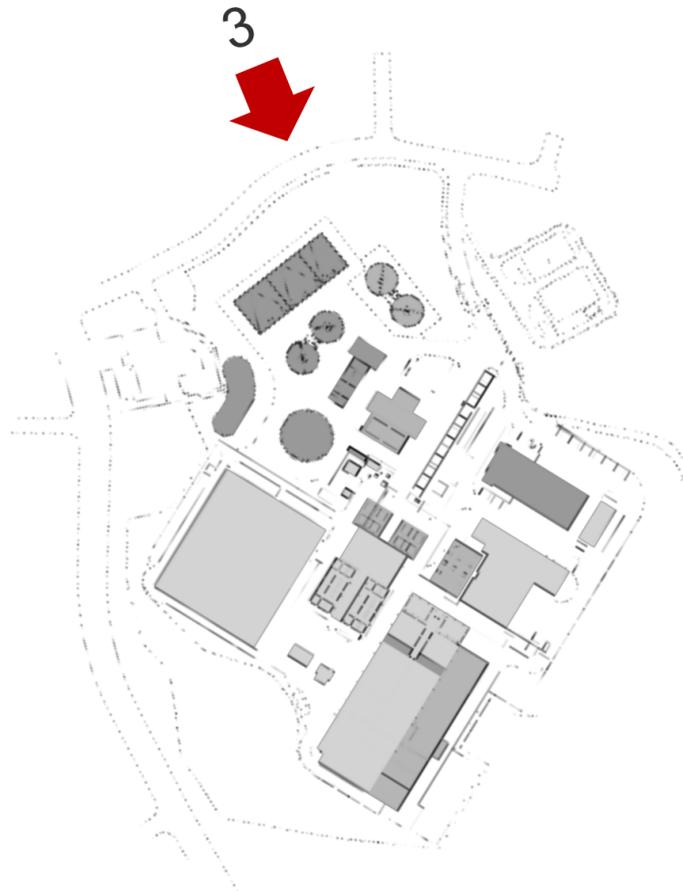
View 3 – Amend Road High (Existing)



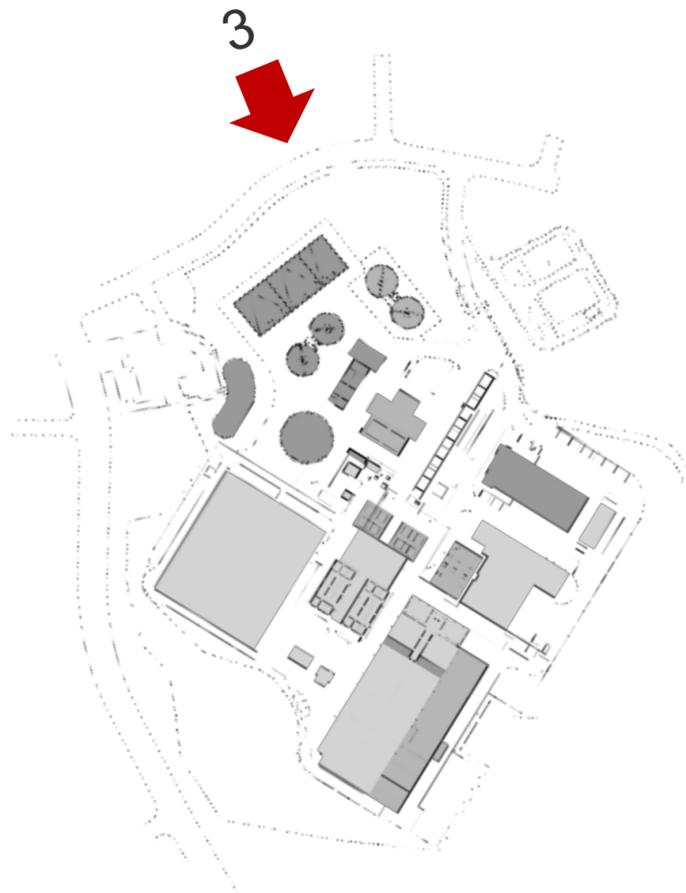
View 3 – Amend Road High (Year 0)



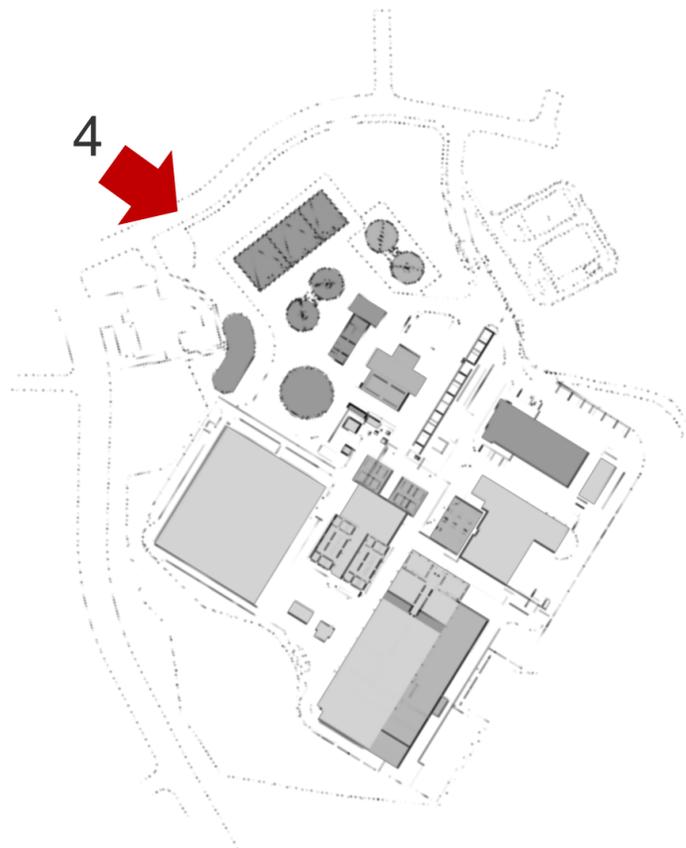
View 3 – Amend Road High (Year 5)



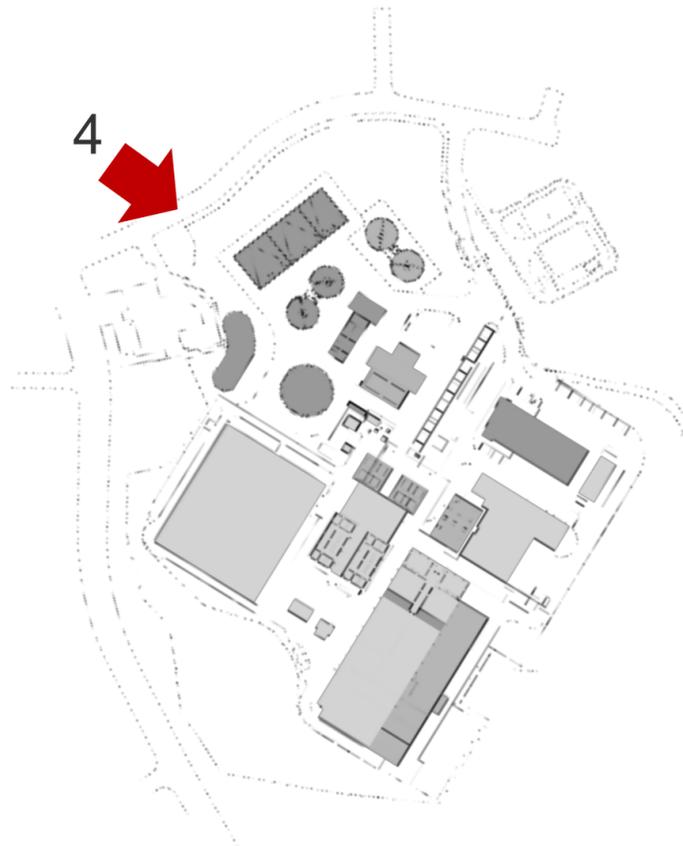
View 3 – Amend Road High (Year 10)



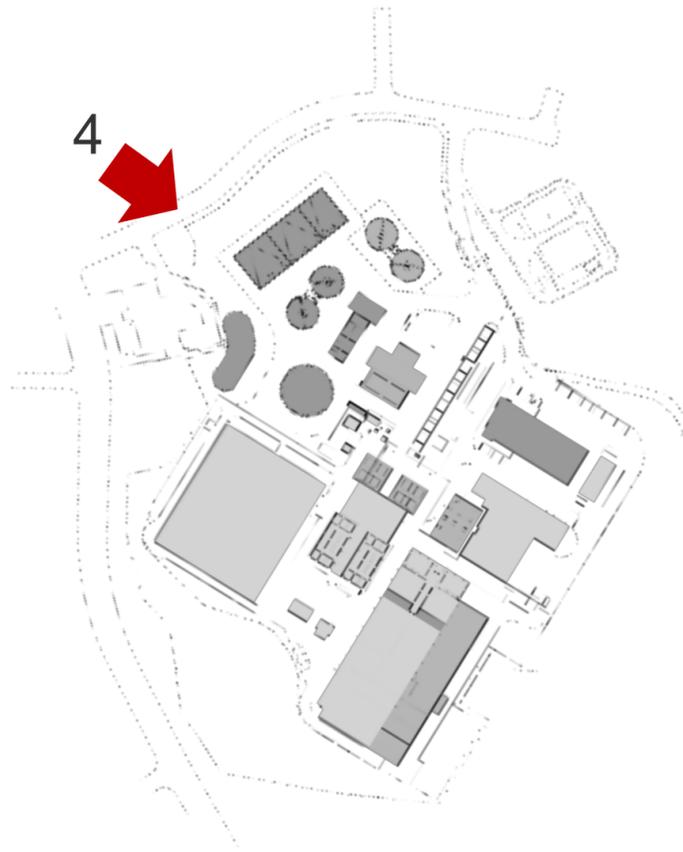
View 4 – Amend Road Low (Existing)



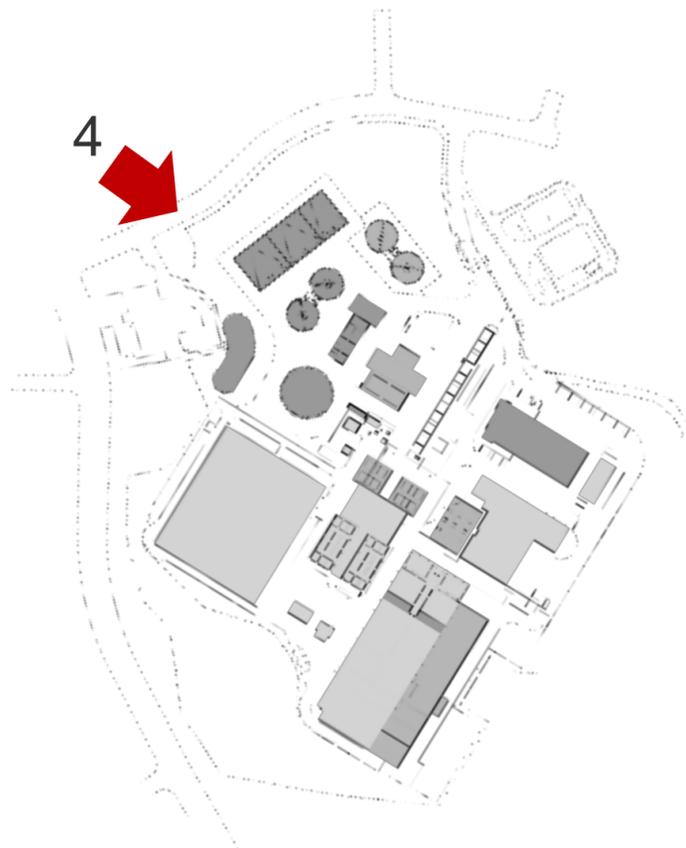
View 4 – Amend Road Low (Year 0)



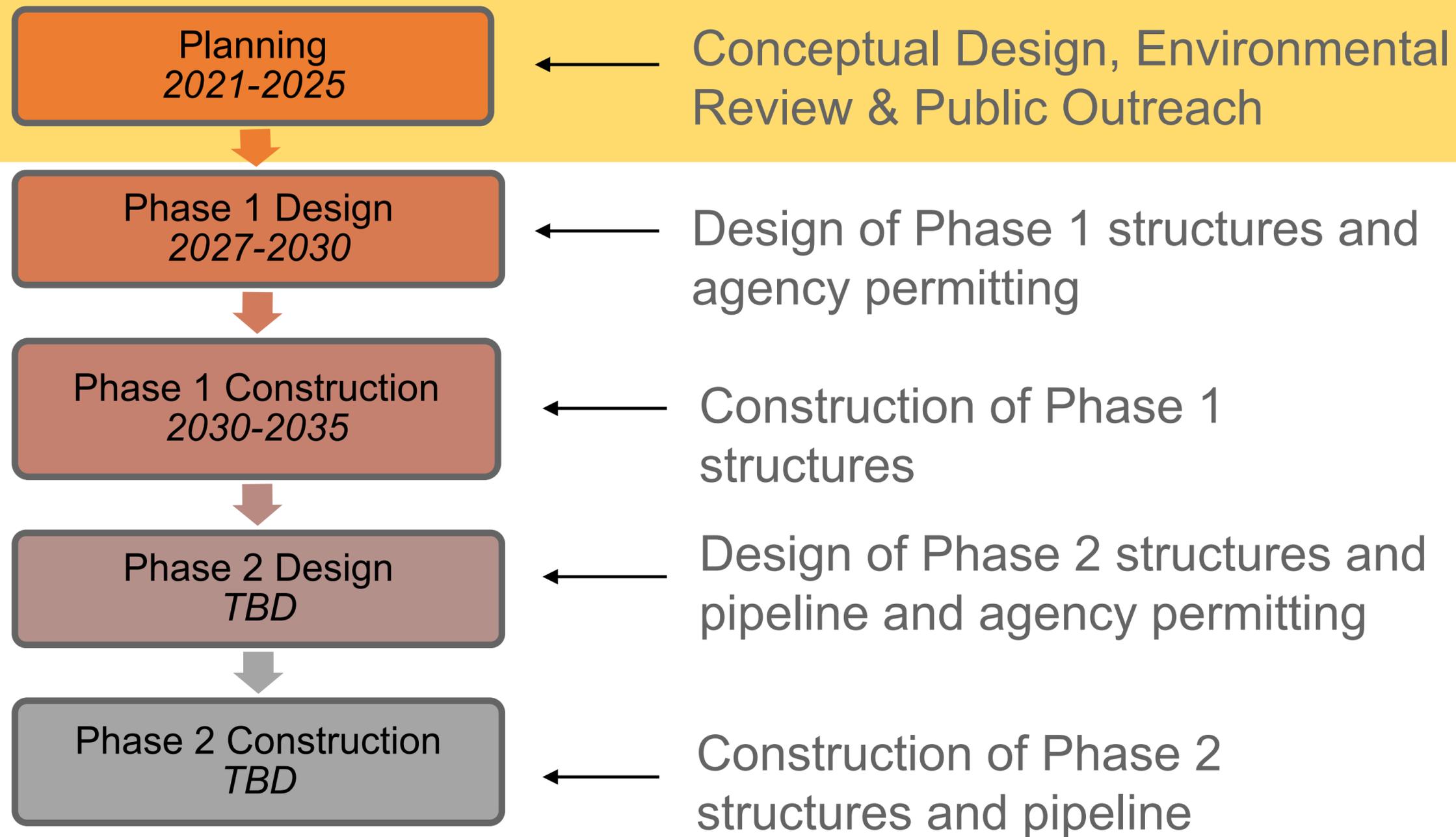
View 4 – Amend Road Low (Year 5)



View 4 – Amend Road Low (Year 10)



Project Schedule



Next Steps

- Prepare the Draft Environmental Impact Report to be released Summer 2024

For more information and comments

More information can be found at the

Project Website:

www.ebmud.com/sowtp

Questions and Comments:

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Or by mail:

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