

2. PROJECT DESCRIPTION

2.1 Project Overview

The proposed Project would include rehabilitation of approximately 6,985-linear feet of 66-inch diameter trunk sewer pipeline in Napa County, California. As shown in **Figure 2-1**, the 6,985-foot section of pipe to be rehabilitated extends from manhole R70-012 in the north, along a private road approximately 1,000-feet west of the Kaiser Road and Syar Way intersection, to manhole Q73-001 in the south at the Soscol Water Recycling Facility (SWRF). The Project would also include rehabilitation/replacement of the manholes associated with the 66-inch sewer rehabilitation.

To conduct the sewer rehabilitation and manhole replacement work, installation of temporary sewer bypass pipelines would be necessary because flow in the existing trunk sewer cannot be diverted within the existing Napa Sanitation District (NapaSan) sewer system, and rehabilitation work cannot be conducted in live flow. The temporary bypass pipelines would be installed above-ground to minimize excavation and reduce the time required for installation and dismantling, except at roadway and driveway crossings and through intersections where the bypass pipelines would be buried.

As shown in **Figure 2-2**, the temporary sewer bypass pipelines would be placed along various paved and unpaved roads and trails east of the 66-inch diameter trunk sewer. There are several options for the temporary sewer bypass pipeline crossing of the railroad tracks and Bedford Slough; this Initial Study evaluates the potential environmental impact of all bypass alignment options that were considered for this Project. The preferred bypass alignment for crossing the Bedford Slough is Alternative 2 as shown in **Figure 2-2**.

As shown in **Figure 2-1** and **Figure 2-2**, the existing 66-inch trunk sewer alignment to be rehabilitated and the proposed bypass pipeline alignment options cross the former Napa Pipe manufacturing property, Bedford Slough and Soscol Creek, the Union Pacific/California Northern Railroad, and are located just east of the Napa River. The proposed Project segments, in relation to City and County jurisdictional boundaries and land use and zoning designations are presented in **Figure 2-3**. Overall, the total disturbance footprint for the Project with all alternative bypass alignments would be approximately 15-acres, which would include areas surrounding existing manholes where the trunk sewer lining would be launched and received, areas where the bypass pipelines and pumps would be placed, equipment staging areas, and existing roadways and trails that would be used to access the construction areas and bypass lines. The majority of the 66-inch trunk sewer rehabilitation project would occur on land designated for light industrial use or mixed use development.

Figure 2-1: Overview of 66-inch Trunk Sewer to be Rehabilitated

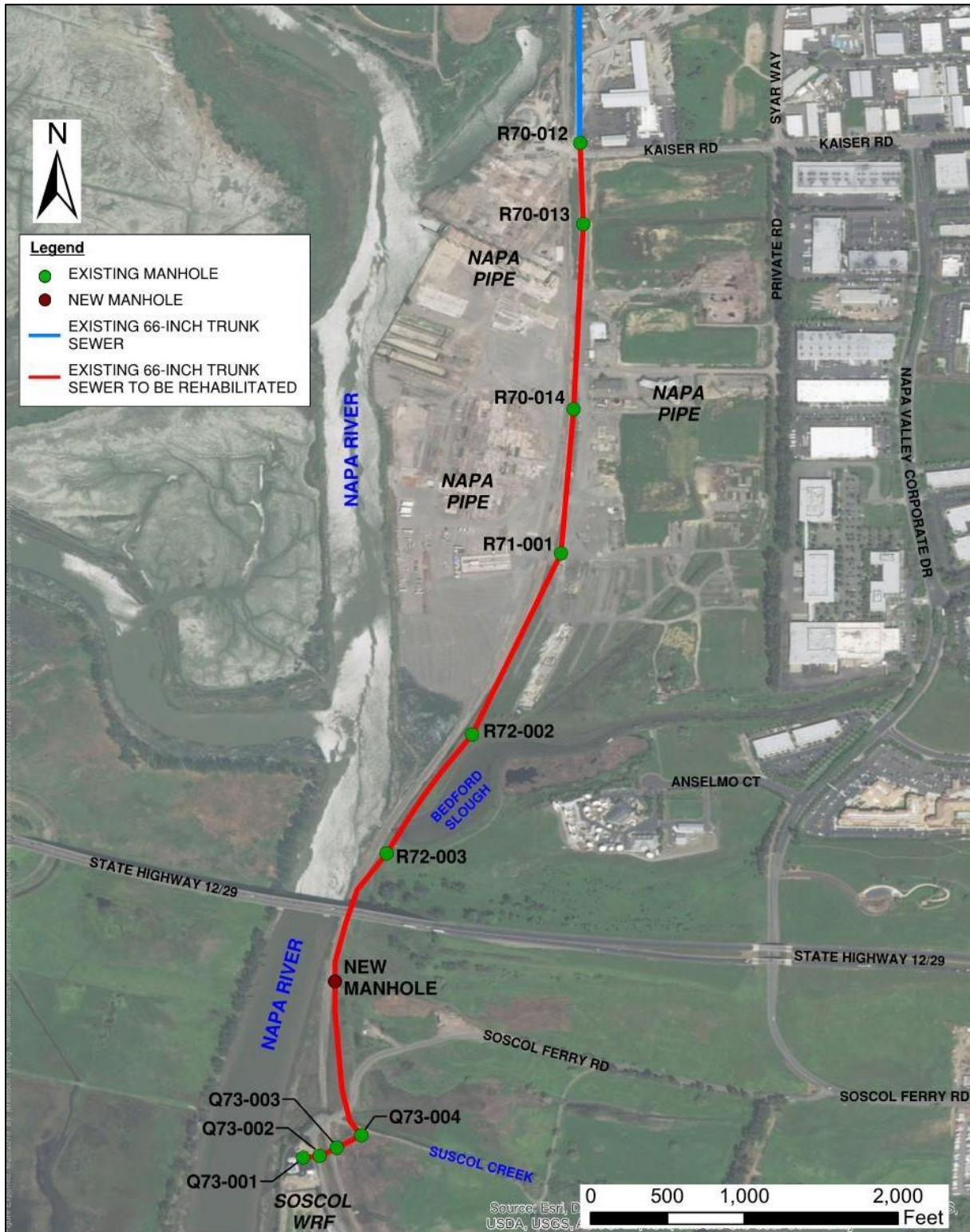
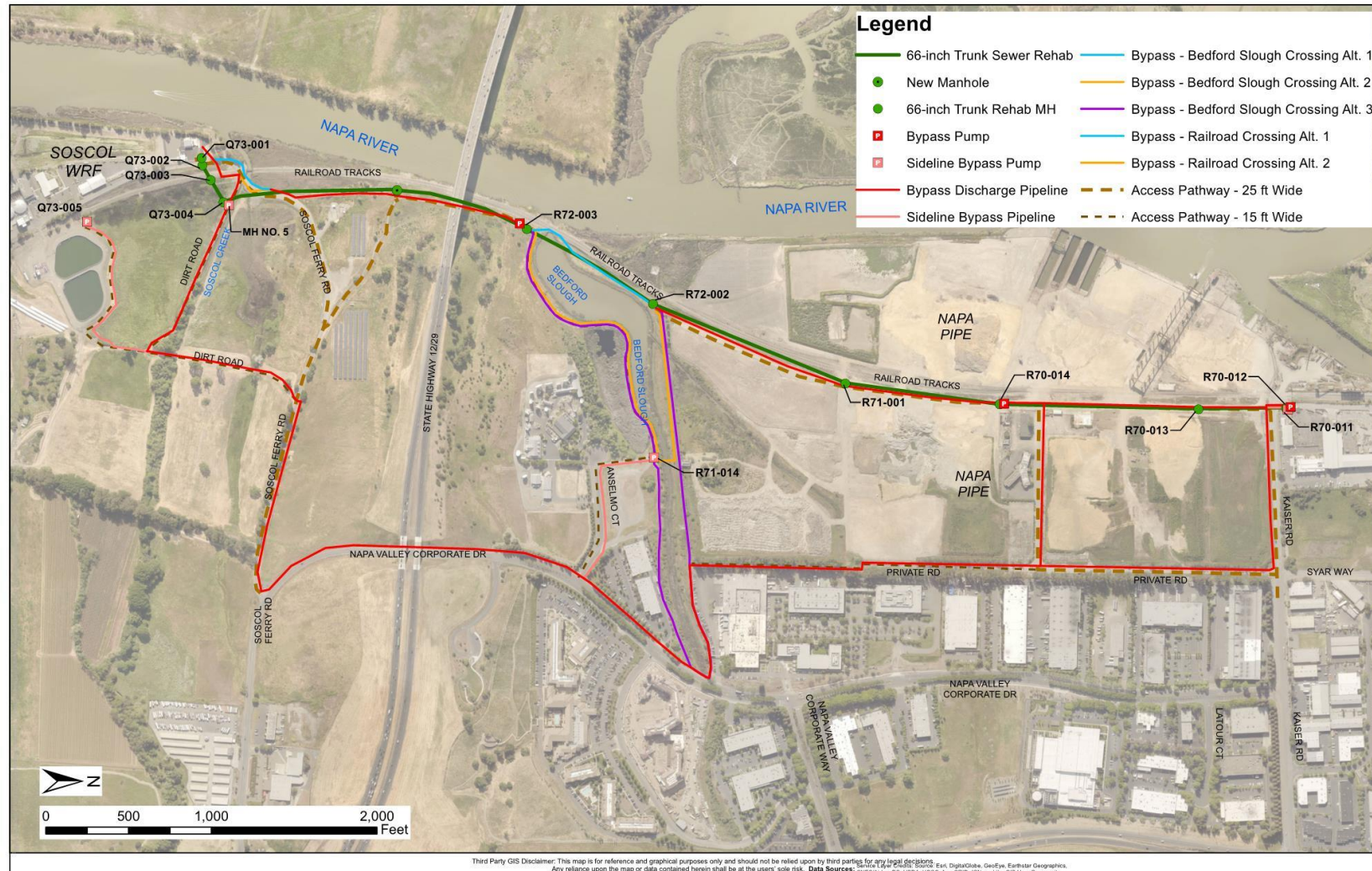


Figure 2-2: Proposed Rehabilitation and Bypass Discharge Alignments



2-4

