

Coyote Warehouse Project
Project No. 91234011

Engineer's Report

May 2017

Water Utility Capital Division



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COYOTE WAREHOUSE PROJECT

PROJECT NO. 91234011

ENGINEER'S REPORT

Prepared By:

Todd Inman, P.E., Senior Engineer

Under the Direction of:

Katherine Oven, P.E.
Deputy Operating Officer
Water Utility Capital Division

Jim Fiedler, P.E., D.WRE
Chief Operating Officer
Water Utility Enterprise

Norma Camacho
Interim Chief Executive Officer

The Engineer's Report has been prepared under the direct supervision of the undersigned, who hereby certifies that he is a Registered Civil Engineer in the State of California



MAY 2017

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1. PROJECT DESCRIPTION

The Coyote Warehouse Project (Project) site is located on property owned by the Santa Clara Valley Water District (District) in Morgan Hill, California. The property is adjacent to the United States Bureau of Reclamation's (USBR) Coyote Pumping Plant located at 18300 Peet Road in the City of Morgan Hill. See Figure 1 for Project location.

The District uses this property to stockpile and store various materials and parts needed for maintenance and emergency repairs of its pipelines and pumping plants. Many of the materials and parts stored on site are not suited for outdoor storage. As a temporary measure, some materials are being stored in sea containers on site. These containers lack adequate space to house all the parts maintenance staff need. In addition, they do not provide adequate space for staff to stage pipeline maintenance work. Some material and equipment is also being stored in the USBR's maintenance building and Coyote Pumping Plant building. However, the USBR facilities are not designed nor intended to be used as permanent storage space for the District.

The objectives of the Project are to:

- Provide suitable storage space for pipeline spare parts and appurtenances.
- Provide dedicated space for staging pipeline maintenance work.

During the pre-design phase of the project, staff evaluated conceptual and feasible alternatives and identified a recommended project that includes the following major items of work:

- Construct an approximately 22,000 square foot pre-engineered metal warehouse approximately 32 feet in height
- Provide site grading, paving, and utilities
- Provide a bio-retention swale and screening landscaping

2. ZONE BENEFITS

The proposed Project work will benefit customers of Zone W-2 (North County) and Zone W-5 (South County).

3. PROJECT RIGHT OF WAY

As work on the proposed Project will occur within District-owned right of way, no additional right of way will be required.

4. MAPS AND FIGURES

See attached Figures 1 through 3. Figure 1 shows the Project location. Figure 2 shows the proposed Coyote Warehouse site adjacent to the Coyote Pumping Plant. Figure 3 shows the proposed Coyote Warehouse Layout.

5. PROJECT COSTS

The estimated costs to plan, design and construct the proposed Project are as follows:

- Pre-design and design phase costs: \$1.1 million
- Construction support and close-out phase costs: \$1.6 million
- Construction contract cost: \$3.5 million
- Total project cost: \$6.2 million

The project is to be funded 100% by the Water Utility Enterprise Fund (Fund 61) with 87.7% of the benefit allocated to North County (Zone W-2) and 12.3% benefit allocated to South County (Zone W-5).

6. PROJECT SCHEDULE

- Complete project design: October 2017
- Award Construction Contract: December 2017
- Complete Construction: March 2019
- Close out project: July 2019

7. LIST OF MAPS AND FIGURES

Figure 1 – Project Location and Vicinity Map

Figure 2 – Coyote Warehouse Site Adjacent to the Coyote Pumping Plant

Figure 3 – Coyote Warehouse Layout

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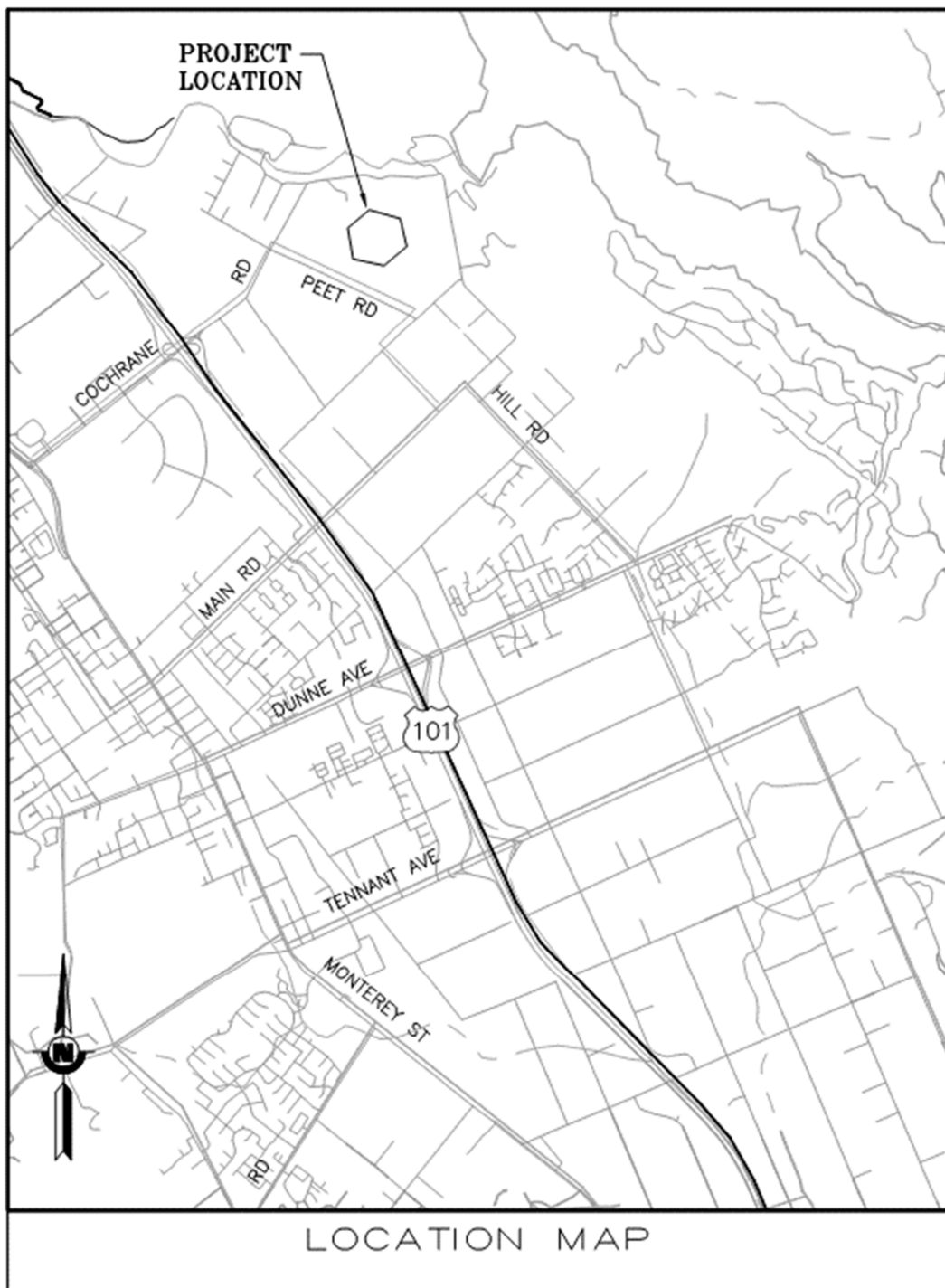


Figure 1 – Project Location and Vicinity Map

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