

Naper Blvd Stormwater Pump Station Rehabilitation

Project Number: SW041
Total Capital Cost: \$1,500,000.00

Department: PUBLIC WORKS
Type: Capital Improvement
Timeline: 01/01/2023 to 12/31/2023

Request description:

The Naper Boulevard stormwater lift station is a critical asset installed in 1985 with the purpose of preventing Naper Boulevard at the Burlington-Northern railroad tracks from flooding during rain events. In 2005, the controls for the station were upgraded, and three pumps and check valves were rebuilt. In 2017, controls were upgraded so the station would be compatible with the utility’s SCADA System. The Naper Boulevard lift station requires major rehabilitation due to the age and deterioration of most equipment at the station. Currently, pumps can not be pulled due to deteriorated guide rails, and check valves and isolation valves can no longer be serviced. In addition, there are many safety upgrades needed for this pump station. Rehabilitation of this station will include new pumps, piping and valves, safety devices, lighting, ventilation, hatches, handrails, electrical devices, and conduits and additional controls.

Capital Costs

| | FY2023 | Total |
|--------------------------|------------------------|------------------------|
| Design | | \$ - |
| Construction/Maintenance | \$ 1,500,000.00 | \$ 1,500,000.00 |
| Construction Engineering | | \$ - |
| Other | | \$ - |
| Total | \$ 1,500,000.00 | \$ 1,500,000.00 |

Funding Source

| | FY2023 | Total |
|-----------------------|------------------------|------------------------|
| Bond Fund | \$ 1,500,000.00 | \$ 1,500,000.00 |
| Capital Projects Fund | \$ - | \$ - |
| American Rescue Fund | | \$ - |
| Total | \$ 1,500,000.00 | \$ 1,500,000.00 |

Account Codes (Capital Costs):

| | |
|--------------------------------------|------------------------|
| 250-100-31-115-000-0000-00000-551502 | <u>\$ 1,500,000.00</u> |
| | \$ 1,500,000.00 |

Additional Information

Type of Project: Upgrade/Replacement
 Asset Type: Stormwater Management