PROJECT TITLE: RecPS - 927-1 Optimization and Pressure Zone modifications CIP Number: R2110

DIRECTOR DIVISION:

**PROJECT MANAGER:** Jeff Marchioro I.D. LOCATION: 22

ORIGINAL APPROVED DATE: PRIORITY: 1

RELATED CIP PROJECTS: R2091 BUDGET AMOUNT: \$150,000

# **DESCRIPTION OF PROJECT:**

Improve the control strategy to increase pumping capacity and streamline operation of the pump station. As a result of this effort, replacement of 5 service saddles on Clubhouse Drive will need to be replaced to higher pressure class saddles.

#### **JUSTIFICATION OF PROJECT:**

Revising the control strategy will increase pumping capacity and improve the District's ability to operate the pump station during off-peak hours when electricity rates are low.

### **COMMENTS:**

| <b>FUND</b> | <b>DETAII</b> | _S: |
|-------------|---------------|-----|
|-------------|---------------|-----|

| FUNDING SOURCE: | Expansion | Betterment | Replacement | New Water Supply | Total |  |
|-----------------|-----------|------------|-------------|------------------|-------|--|
| Expansion       | 100 %     | 0 %        | 0 %         | 0 %              | 100 % |  |
| TOTAL:          | 100 %     | 0 %        | 0 %         | 0 %              | 100 % |  |

### **EXPENDITURE SCHEDULE (X \$1,000):**

| PRIOR YEARS: | FY    | FY   | FY   | FY   | FY   | FY   | FY    |
|--------------|-------|------|------|------|------|------|-------|
| TOTAL        | 2014  | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
| \$0          | \$150 | \$0  | \$0  | \$0  | \$0  | \$0  | \$150 |

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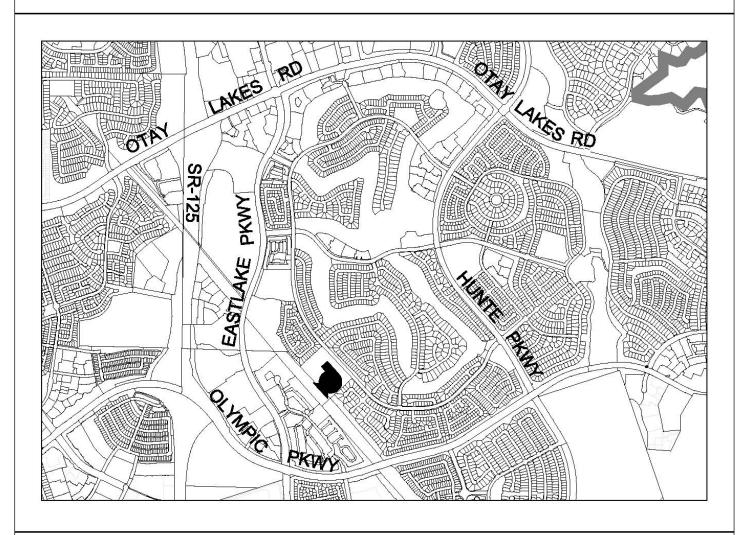
PROJECT SCHEDULE:

| PROJECT PHASE: | ESTIMATED<br>START DATE | ESTIMATED<br>FINISHED DATE | ESTIMATED COST (X \$1,000): |
|----------------|-------------------------|----------------------------|-----------------------------|
| PLANNING:      | 7/1/2013                | 10/1/2013                  | \$10                        |
| DESIGN:        | 10/1/2013               | 12/1/2013                  | \$10                        |
| CONSTRUCTION:  | 12/1/2013               | 6/1/2013                   | \$130                       |

# PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

|           | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | Total |
|-----------|------|------|------|------|------|------|-------|
| MAINT:    | \$0  | \$0  | \$0  | \$0  | \$0  | \$0  | \$0   |
| ENERGY:   | \$0  | \$0  | \$0  | \$0  | \$0  | \$0  | \$0   |
| CHEMICAL: | \$0  | \$0  | \$0  | \$0  | \$0  | \$0  | \$0   |

PROJECT LOCATION: Thomas Bros. Map: 1311 OWD Map Book: 115



Submitted By: Bob Kennedy Date: 4/25/2013