

**CITY OF KIRKLAND  
CAPITAL IMPROVEMENT PROGRAM  
2015 TO 2020**

|                           |                    |
|---------------------------|--------------------|
| <b>PROJECT #</b>          | <b>WA 0127 000</b> |
| <b>DEPARTMENT</b>         | Public Works       |
| <b>DEPARTMENT CONTACT</b> | Dave Snider        |

|                         |                                   |                      |                       |
|-------------------------|-----------------------------------|----------------------|-----------------------|
| <b>PROJECT TITLE</b>    | 650 BOOSTER PUMP STATION          |                      |                       |
| <b>PROJECT LOCATION</b> | NE 85th Street at 132nd Avenue NE | <b>PROJECT START</b> | <b>PROJECT STATUS</b> |
|                         |                                   | Undetermined         | Existing Project      |

| <b>DESCRIPTION/JUSTIFICATION</b>  |  |  |  |
|---|--|--|--|
| <p>A booster pump facility for the 650 Zone with a new below-grade vault with appropriate lighting, heating and ventilation equipment. The new pump(s) will have variable frequency drive equipment enabling the station to function as a backup supply for the 650 Zone. This joint facility improvement will require participation by the City of Redmond at their established proportionate share. This is a candidate project included as a component of the Annual Water Pump Station/System Upgrade Program project, WA 9999.</p> |  |  |  |

| <b>REASON FOR MODIFICATION (WHERE APPLICABLE)</b> |  |  |  |
|---|--|--|--|
|   |  |  |  |

| <b>POLICY BASIS</b>      |
|--------------------------|
| Water Comprehensive Plan |

  

| <b>COUNCIL GOALS</b>      |
|---------------------------|
| Dependable Infrastructure |

| <b>METHOD OF FINANCING (%)</b>          |       |
|---|-------|
| Current Revenue                         | 0 %   |
| Reserve                                 | 0 %   |
| Grants                                  | 0 %   |
| Other Sources    Joint Facility/Redmond | 0 %   |
| Debt                                    | 0 %   |
| Unfunded                                | 100 % |

| <b>CAPITAL COSTS</b>        | <b>COSTS TO BE FUNDED</b> |
|-----------------------------|---------------------------|
| Planning/Design/Engineering | 222,000                   |
| In-House Professional Svcs. | 94,000                    |
| Land Acquisition            | 0                         |
| Construction                | 1,287,000                 |
| Comp. Hardware/Software     | 0                         |
| Equipment                   | 0                         |
| Other Services              | 0                         |
| <b>Total</b>                | <b>1,603,000</b>          |
| <b>NEW MAINT. AND OPER.</b> | <b>0</b>                  |
| <b>NEW FTE</b>              | <b>0.00</b>               |

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|----------------------|--------------------------|

| <b>CRITERIA</b>  | <b>PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)</b>   |
|--|--|
| Amount of public disruption and inconvenience caused           | <i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>  |
| Community economic impacts                                     | <i>Lower maintenance costs through modernization of the water system infrastructure.</i>   |
| Health and safety, environmental, aesthetic, or social effects | <i>Benefits area residents through increased fire flow and improved system reliability.</i>  |
| Responds to an urgent need or opportunity                      | <i>Represents a timely replacement of a portion of the water system.</i>   |
| Feasibility, including public support and project readiness    | <i>Project represents scope of work that is typical for water utility construction.</i>  |
| Conforms to legal or contractual obligations                   | <i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>  |
| Responds to state and/or federal mandate                       | <i>N/A</i>   |
| Benefits to other capital projects                             | <i>N/A</i>   |
| Implications of deferring the project                          | <i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>  |
| <b>CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN</b>            | Name of Neighborhood(s) in which located: <i>City-wide, North Rose Hill</i><br>Is there a specific reference to this project or land use in the immediate area?<br>How does the project conform to such references?<br>Attachments <input type="checkbox"/> (Specify)  |
| <b>LEVEL OF SERVICE IMPACT</b>                                 | <input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation).<br><input type="checkbox"/> Project provides new capacity. Amount of new capacity provided:<br><input type="checkbox"/> Project assists in meeting/maintaining adopted level of service.<br><input type="checkbox"/> Project required to meet concurrency standards. |