

# Ridgefield Service Area Capital Program – Project Summaries

## General Facilities Projects (Trunks, Pump Stations, Force Mains)

### **Pump Station Critical Pump Spares**

**Cost: \$104,000**

**Scope:** This project includes the purchase of critical spare pumps that can support Ridgefield pump stations and bring the level of service to District standards.

**Basis:** Operational Resiliency

### **North Junction Pump Station and Trunk**

**Cost: \$2,670,000**

**Scope:** This project provides service to the northern quadrants of the I-5 junction area. It includes 950 feet of parallel 8-inch and 12-inch force mains northeast of the Pioneer Canyon Pump Station along N 10<sup>th</sup> Street to a new pump station, and approximately 3,000 feet of gravity trunk east along N 10<sup>th</sup> Street and crossing I-5 extending to NW 11<sup>th</sup> Avenue (S 65<sup>th</sup> Avenue) and extending south on S 65<sup>th</sup> Avenue. A portion of this project has been built through developer reimbursement agreements for the Ridgefield Woods and Canterbury Trails residential subdivisions.

**Basis:** Extending Service

### **35<sup>th</sup> Avenue Roundabout**

**Cost: \$140,000**

**Scope:** This project includes the construction of 550 feet of 12-inch dry force mains within the 35<sup>th</sup> Avenue roundabout for future service.

**Basis:** Extending Service

### **South Junction Trunk Upgrade**

**Cost: \$400,000**

**Scope:** Upgrade existing 8-inch gravity main to 10-inch gravity trunk to match the rest of the trunk service to the southern portion of the Ridgefield Junction to provide increased capacity to serve the southern portion of the Ridgefield Junction in support of economic development and jobs creation.

**Basis:** Capacity

### **Hillhurst Pump Stations Redirection**

**Cost: \$360,000**

**Scope:** Remove flow that is currently going to the Ridgefield Treatment Plant to delay or remove the need to expand the plant capacity. This will be accomplished by capping the western end of the existing 4-inch and 6-inch force mains in S Hillhurst Road and connecting the mains to a new 8-inch force main that discharges to the proposed Royle Road trunk sewer.

**Basis:** Operational Optimization

## Developer Reimbursement

### **Developer Reimbursement Project Allowance**

**Cost: \$300,000**

**Scope:** This allowance provides for future developer reimbursements to construct pump stations, force mains and trunk sewers in the Ridgefield service area in accordance with the General Sewer Plan.

**Basis:** Extending Service

### **District Installed Laterals Allowance**

**Cost: \$30,000**

**Scope:** This allowance provides for side sewers to be constructed in conjunction with private development projects.

**Basis:** Extending Service

### **Urban Downs Pump Station**

**Cost: \$650,000**

**Scope:** The City of Ridgefield 2013 General Sewer Plan shows this pump station (PS-12) ultimately connecting via force main and gravity to the proposed PS-5. This project includes developer reimbursement for the new PS-12 northeast of the intersection between S 85<sup>th</sup> Avenue and NE 259<sup>th</sup> Street. This will extend service to the easternmost portion of the City of Ridgefield.

**Basis:** Extending Service

### **Royle Road Pump Station**

**Cost: \$1,500,000**

**Scope:** This project includes developer reimbursement for a new pump station on NW Royle Road at the Gee Creek crossing with a 7,200 foot force main connection to the existing Pioneer Canyon Pump Station.

**Basis:** Extending Service

### **Wells Property Trunk**

**Cost: \$150,000**

**Scope:** This project includes developer reimbursement for oversize gravity trunk extension of service along NW Royle Road and to and through the Wells property from the Royle Road Pump Station.

**Basis:** Extending Service

### **Royle Road Trunk**

**Cost: \$550,000**

**Scope:** This project includes developer reimbursement for oversize gravity trunk extension of T-25W in association with future property development.

**Basis:** Extending Service

### **Taverner Ridge Phase 8 & 9 Pump Station**

**Cost: \$550,000**

**Scope:** This project includes developer reimbursement for the new pump station in Phase 8 & 9 of the Taverner Ridge residential subdivision. The force main connection is being made to the existing Taverner Ridge force main in S Hillhurst Road during Phase 7 of the Taverner Ridge residential subdivision.

**Basis:** Extending Service

### **Kennedy Farms Pump Stations**

**Cost: \$1,450,000**

**Scope:** This project includes developer reimbursement for two new pump stations, one on each side of NW Hillhurst Road, to serve the proposed Kennedy Farms residential subdivision and associated force mains.

**Basis:** Extending Service

### **Pioneer Place Pump Station**

**Cost: \$450,000**

**Scope:** Pump station and force main along a northern extension of N 35<sup>th</sup> Avenue serving approximately 130 acres of area along the northern city limits (north of Green Gables).

**Basis:** Extending Service

### **Walker-Roher Pump Station and Trunk**

**Cost: \$200,000**

**Scope:** This project includes developer reimbursement for 1,000 feet of 10-inch gravity trunk extension of T-11 from the North Junction Pump Station and Trunk project to N 10<sup>th</sup> Street in association with the proposed Ridgefield West residential subdivision.

**Basis:** Extending Service

	<b>Restoration and Replacement</b>
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### **Ridgefield Spot Repair Program**

**Cost: \$300,000**

**Scope:** This program allowance provides for minor repair and replacement projects, typically under \$35,000. The program includes lateral repairs.

**Basis:** Condition

### **Ridgefield Infiltration and Inflow (I & I) Program**

**Cost: \$60,000**

**Scope:** This program allowance provides for minor repair and replacement projects, typically under \$35,000. Geared towards removing sources of infiltration and inflow.

**Basis:** Condition