

Valley View Sewer District
Open House/Public Meeting

THE LOOP AND SURROUNDING AREA
NEW SEWER CONSTRUCTION PROJECT

SUNDAY, NOVEMBER 19, 2017

AGENDA

- ❖ Project Design
- ❖ Overall Project Cost Estimate and Funding Status
- ❖ Connection Costs and Payment Options
- ❖ Project Schedule
- ❖ Incentives for Connection in 2018

ORIGINAL DESIGN



This plan is a graphic representation and does not constitute a contract. It is subject to change without notice. It is not to be used for construction purposes. Any reproduction or use of this map or drawing without the written consent of the engineer is prohibited. The Valley View Sewer District is not responsible for any errors or omissions on this map.



The Loop Sewer Valley View Sewer District

Legend

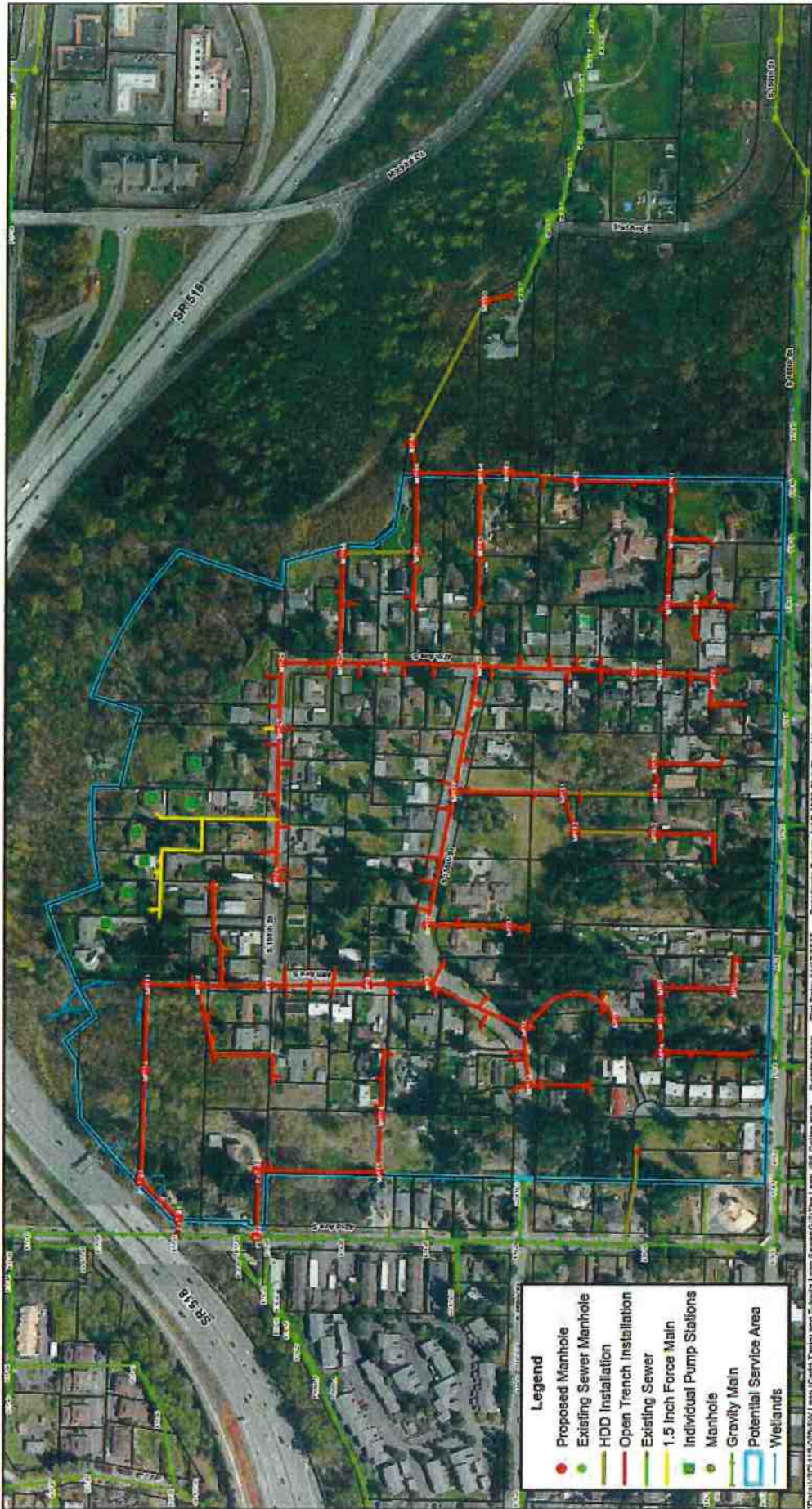
- Proposed Manhole
- Existing Sewer Manhole
- HDD Installation
- Open Trench Installation
- Existing Sewer
- Manhole
- Gravity Main
- Potential Service Area
- Wetlands

North Arrow
1 inch = 120 feet

Scale Bar
0 20 40 60 80 100 Feet

Valley View Sewer District

FINAL PROJECT DESIGN



Legend

- Proposed Manhole
- Existing Sewer Manhole
- HDD Installation
- Open Trench Installation
- Existing Sewer
- 1.5 Inch Force Main
- Individual Pump Stations
- Manhole
- Gravity Main
- Potential Service Area
- Wetlands

1 inch = 120 feet

NORTH

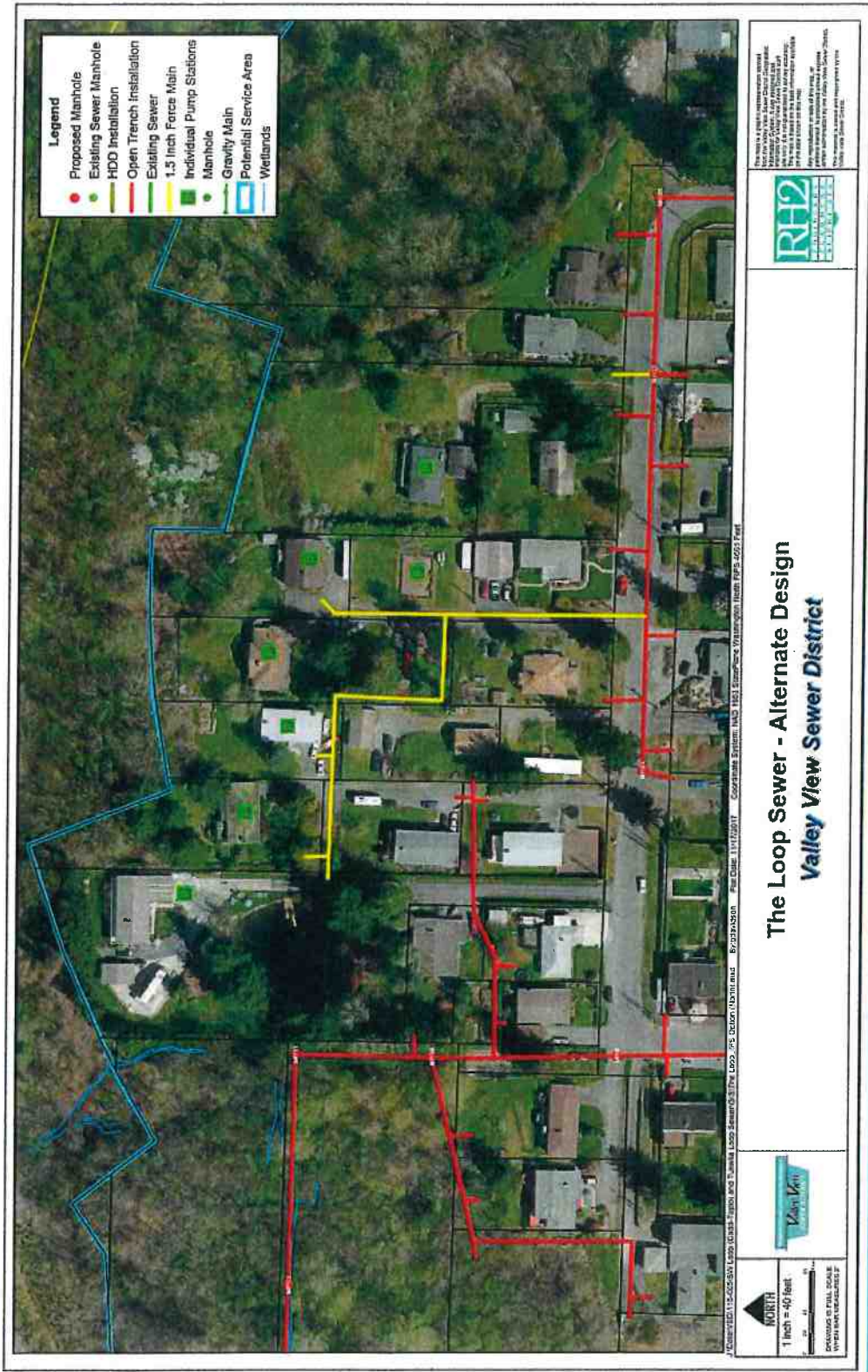
0 100 200

DRAWING IS FULL SCALE UNLESS INDICATED OTHERWISE

The Loop Sewer - Alternate Design Valley View Sewer District

This map is a final engineering drawing prepared for the Valley View Sewer District. It is based on the final information available at the time of preparation. It is intended to be used as a guide for construction. The engineer assumes no responsibility for any errors or omissions in this drawing. The engineer's services are limited to the design and construction of the sewer system shown on this drawing. The engineer does not warrant the accuracy or completeness of the information shown on this drawing. The engineer's liability is limited to the amount of the fee paid for the engineering services. The engineer's office is located at 1000 North 10th Street, Valley View, Ohio 44889.

PROPOSED PUMP LOTS NORTH OF S 156TH STREET



OVERALL PROJECT COST ESTIMATE AND FUNDING STATUS

Total Project Cost (Estimate): \$5,680,000.00

Grant Funded Amount: \$4,535,136.00

Balance* : \$1,144,864.00

For Information Only!

- ❖ Total Project Cost Divided Among Existing Lots: \$39,172/Lot
- ❖ Balance Divided Among Existing Lots : \$ 7,895/Lot
- ❖ Proposed Connection Charge/Existing Lot: \$ 3,000 (Estimate)

*** Collected from existing and future lots upon connection**

CONNECTION COSTS AND PAYMENT OPTIONS

❖ CONNECTION COSTS

- Connection Charge
- General Facility Charge (GFC)
- KC Treatment Capacity Charge (Capacity Charge)
- ~~Side Sewer Permit Fee \$100.00 (Permit Fee) –
Paid for by Grant~~
- ~~Side Sewer Construction Cost (Side Sewer) \$7,000 –
Paid for by Grant~~

EXISTING LOT CONNECTION COSTS

CHARGE TYPE	FULL AMOUNT	AVERAGE MONTHLY FINANCE CHARGE
Connection Charge	\$3,000.00 (Estimate)	\$21.00
GFC	\$4,033.00	\$33.00
Capacity Charge	\$9,176.76 (Estimate)	\$62.60
Permit Fee	\$100.00	\$0.00
Side Sewer	\$7,000.00 (Estimate)	\$0.00
ALL CONNECTION CHARGES	\$16,209.76	\$116.60
SEWER BILL/MONTH		
		\$58.85
TOTAL WITH SEWER BILL/MONTH		
		\$175.45

(1) Connection Charge and GFC annual installments for 15 years.

(2) Capacity Charge quarterly bill for 15 years.

(3) Each newly created lot will have a Connection Charge of \$10,500 (Estimate).

\$934.84 Due Upon Financing

"WORKING TOWARD A BETTER ENVIRONMENT"

Valley View
SEWER DISTRICT

KING COUNTY COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)

- Valley View Awarded \$205,000 Grant for Low Income Property Owner Connection Costs
- Based on Income Verification and Income Eligibility
- For Qualifying Homeowners, the Block Grant Will Pay For:
 - Connection Charge
 - General Facility Charge
 - King County Treatment Capacity Charge

KING COUNTY COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)

2017 Income Guidelines

(Based on Number of Persons and Corresponding Combined Income)

Persons per household	1	2	3	4	5	6	7	8
Low income (50% and below of median)	\$33,600 or less	\$38,400 or less	\$43,200 or less	\$48,000 or less	\$51,850 or less	\$55,700 or less	\$59,550 or less	\$63,400 or less

Must be owner occupied to qualify for assistance.

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PROJECT SCHEDULE

PHASE I (MAINLINE CONSTRUCTION)

- ~3,100 feet of 8" PVC Pipe in Public Right-of-Way
- ~5,900 feet of 8" PVC Pipe in Private Easements
- ~1,500 feet of 8" HDPE Pipe by Horizontal Directional Drill
- ~4,200 feet of 6" PVC and HDPE Pipe
- 49 of 48" Sewer Manholes
- All Street and Private Property Restoration

PHASE II (SIDE SEWER CONSTRUCTION)

- Installation of up to 138 Side Sewers
- Approximately 6,800 feet of 4" PVC Side Sewer Pipe
- Installation of 7 Private Pump Systems
- All Private Property Restoration

PROJECT SCHEDULE (CONT.)

PHASE I SCHEDULE

January 2018	Design Complete
January/February 2018	Go Out for Public Bid
March/April 2018	Select Contractor and Award Contract
April/May 2018	Start Phase I Construction
October/November 2018	Complete Phase I Construction

PHASE II SCHEDULE

September/October 2018	Go Out for Public Bid
October/November 2018	Select Contractor(s) and Award Contract(s)
December 2018	Complete Phase I Construction

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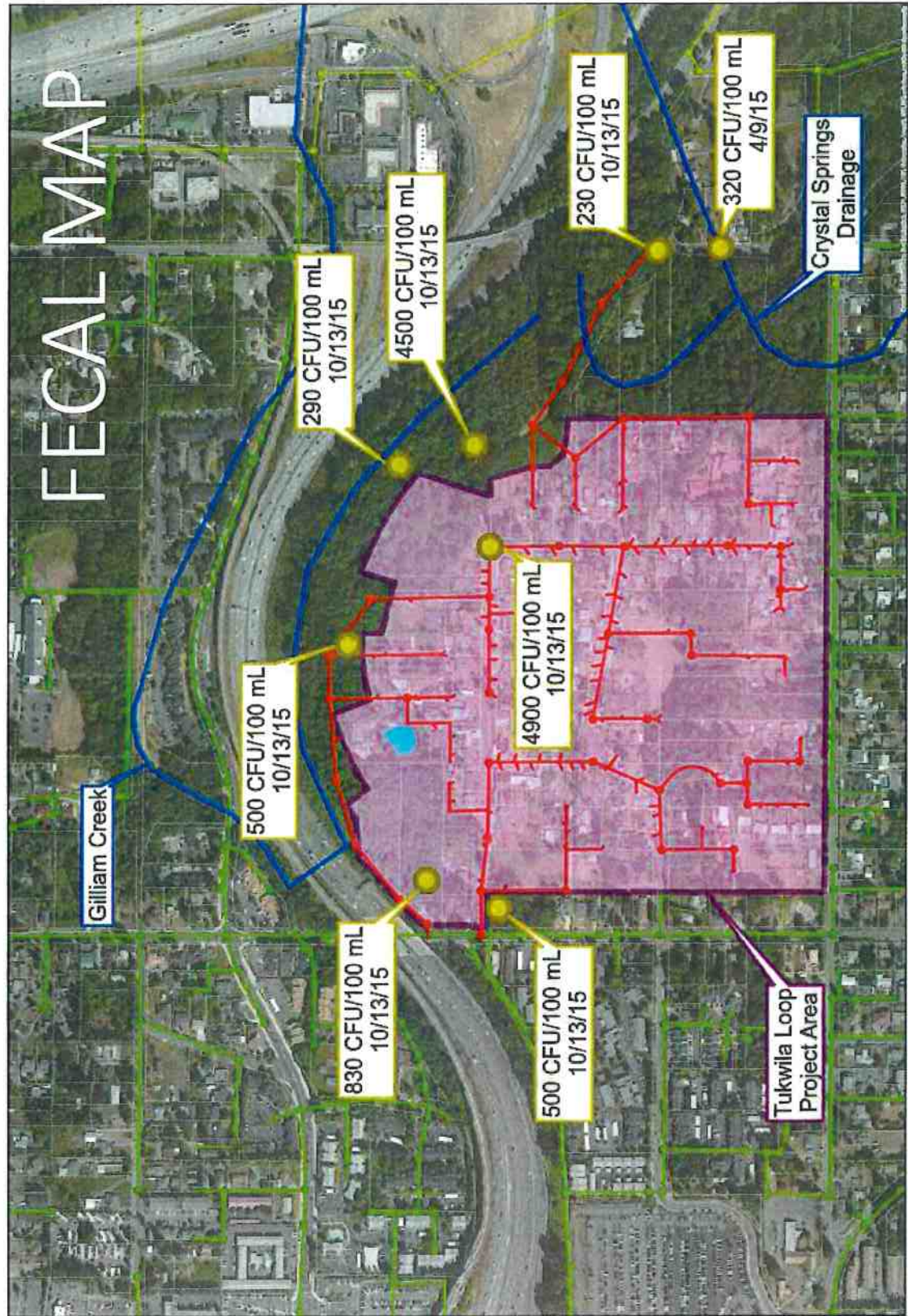
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PHASE II CONNECTION INCENTIVES

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FECAL MAP



THIS PLAN IS A GRAPHIC REPRESENTATION OF THE PROPOSED PROJECT. IT IS NOT TO BE USED FOR CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ALL RECORDS OF THE PROJECT AND MAKE THEM AVAILABLE TO THE DISTRICT UPON REQUEST. THE DISTRICT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE DISTRICT SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. THE DISTRICT SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE DISTRICT SHALL MAINTAIN ALL RECORDS OF THE PROJECT AND MAKE THEM AVAILABLE TO THE CONTRACTOR UPON REQUEST.



The Loop Sewer
Valley View Sewer District



1 inch = 250 feet
DRAWING IS FULL SCALE UNLESS OTHERWISE NOTED



INCENTIVES FOR CONNECTION IN 2018 (PHASE II)

The Loop Connection Charge Escalation

(\$3,000.00 Estimate)

Year	Connection Charge	Year	Connection Charge
2018	\$3,000.00	2023	\$7,280.00
2019	\$6,500.00	2024	\$7,475.00
2020	\$6,695.00	2025	\$7,670.00
2021	\$6,890.00	2026	\$7,865.00
2022	\$7,085.00	2027	\$8,060.00

Capacity Charge Escalation

Year	Capacity Charge	Year	Capacity Charge
2013	\$6,618.26	2017	\$8,912.91
2014	\$7,897.96	2018	\$9,176.76

After 2018 Responsible for Side Sewer and Permit Fee = \$7,100

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INCENTIVES FOR CONNECTION IN 2018 (PHASE II) (CONT.)

FULL AMOUNT AVERAGE MONTHLY FINANCE CHARGE

CHARGE TYPE	2018	2019	2018	2019
Connection Charge	\$3,000	\$6,500 (Estimate)	\$21.00	\$42.00
GFC	\$4,033	\$4,033	\$33.00	\$33.00
Capacity Charge	\$9,176	\$9,452 (Estimate)	\$62.60	\$64.50
Permit Fee	\$0	\$100	N/A	N/A
Side Sewer	\$0	\$7,000 (Estimate)	\$0.00	\$57.50
ALL CONNECTION CHARGES	\$16,209	\$27,085	\$116.60	\$197.00
SEWER BILL/MONTH				
			\$58.85	62.50 (Projected)
TOTAL WITH SEWER BILL/MONTH				
			\$175.45	\$259.50

(1) Capacity Charge assumes 3% yearly increase.

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POSSIBLE CONNECTION REQUIREMENTS

No District Requirement to Connect Possible Other Agency Requirements to Connect:

- ❖ City of Tukwila Ordinance
 - Failed Septic System
 - Title Transfer (Sale of Property)
 - Major Remodel Permit (Add Bedroom/Bathroom)
- ❖ Health Department
 - Failed Septic System
- ❖ Bank
 - Upon Property Sale, the Lending Institution May Require Connection to Sewers as a Condition of Sale

FUTURE COMMUNICATIONS

- ◆◆◆ Notification of Contract Award and Start Date for Phase I Construction.
- ◆◆◆ Notification of Contract Award and Start Date for Phase II Construction.
- ◆◆◆ Notification of Availability of Application for CDBG Assistance.
- ◆◆◆ Request for Income Verification Documentation for CDBG Applicants.
- ◆◆◆ Request for Signed Right of Entry Forms for Construction of Side Sewers on Private Property.
- ◆◆◆ Request for Signed Side Sewer Easements for Those Properties Best Served by Common Sewer Lines.