CITY OF PORTLAND, OREGON BUREAU OF TRANSPORTATION PRELIMINARY ENGINEER'S ESTIMATE SE 102nd Avenue and Woodstock Blvd. LID

Date Prepared: October 25, 2017 Date Revised: June 20, 2018 TOTAL PROJECT By: Rick Fensler By: Ruthanne Bennett and Andrew Aebi WITH PART 1 & 3 ROADWAYS AT 32 FT.

PRELIMINARY ENGINEER'S ESTIMATE FOR THE IMPROVEMENT OF SE Woodstock FROM 101st to 102nd AND SE 102nd FROM Woodstock TO Foster Rd

VALUES IN BLUE ARE PERCENT OF CONTRACT.

NO. ITEMS OF WORK AND MATERIALS UNIT TOTAL QUANTITY UNIT PRICE TOTAL AMOUNT 1 MOBIL/ZATION LS 1.00 \$41,658.37 \$41,658.37 \$41,658.37 \$41,658.37 \$41,658.37 \$158,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,331,67 \$83,500,00 \$75,500,00 \$75,500,00 \$75,500,00 \$75,500,00 \$75,600,00 \$76,600,00 \$76,600,00 \$76,600,00 \$76,600,00 \$76,600,00 \$76,600,00 \$76,600,00 \$76,600,00 \$76,670,00 \$84,165,83 \$84,165,83 \$84,165,83 \$86,700,00 \$98,570,00 \$84,165,83 \$84,165,83 \$86,700,00 \$98,570,00 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83 \$84,165,83	###### BID ITEMS ######								
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			1001	55.00	ψ1.30	\$490,110.74			

EXHIBIT E

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		TOTAL							
NO. ITEMS OF WORK AND MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT					
		20/	GNITTRIOL						
###### ANTICIPATED ITEMS ######									
NO. ITEMS OF WORK AND MATERIALS	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT					
1 DECIDUOUS TREES, 2-1/2 INCH CALIPER	EACH	28.00	\$1,350.00	\$37,800.00					
2 BOLI FEE PAYMENT	LS	1.00	\$490.11	\$490.11					
3 CONTRACT CONTINGENCY (REQUIREMENT TO ACCEPT BIDS UP TO 10% OVER ESTIMATE)	LS	1.00	\$49,011.07	\$49,011.07					
				* 07 004 40					
TOTAL ANTICIPATED ITEMS				\$87,301.18					
SCHEDULE SUMMARY									
BID ITEMS				\$490,110.74					
CONSTRUCTION CONTINGENCY		5.0%	of Bid Items*	\$24,506.00					
SUBTOTAL				\$514,616.74					
ANTICIPATED ITEMS				\$87,301.18					
				\$C04 047 00					
TOTAL CONSTRUCTION				\$601,917.92					
PROJECT MANAGEMENT		4.6%	of Bid Items	\$22,430.53					
DESIGN ENGINEERING			of Bid Items	\$112,153.00					
CONSTRUCTION MANAGEMENT			of Bid Items	\$67,292.00					
SUBTOTAL		10.170		\$201.875.53					
				Q201,010.00					
PROJECT ENGINEERING & MANAGEMENT OVERHEAD		76.07%	of PM, Eng, and CM	\$153,566.71					
TOTAL PROJECT ENGINEERING & MANAGEMENT				\$355,442.24					
RIGHT-OF-WAY LAND, IMPROVEMENTS, AND DAMAGES				\$0.00					
RIGHT-OF-WAY APPRAISAL, TITLE INSURANCE, AND NEGOTIATION				\$0.00					
			of Land, Improve, and						
RIGHT-OF-WAY CONTINGENCY		30%	Damages	\$0.00					
				¢0.00					
TOTAL PROJECT RIGHT-OF-WAY	Years	Inflation		\$0.00					
INFLATION RATE ON CONTRACT	3		of Construction	\$84,970.00					
INFLATION RATE ON PERSONNEL	3		of Eng & Mgmt	\$21,756.00					
ESTIMATE CONTINGENCY FOR UNDEFINED OR CHANGE IN SCOPE	.		of Const, Eng & Mgmt, and	\$147,405.56					
			Inflation	ψ1+1,+00.00					
TOTAL PROJECT CONTINGENCY				\$254,131.56					

TOTAL PROJECT ESTIMATE

\$1,211,491.72