

**CITY OF PORTLAND, OREGON
BUREAU OF TRANSPORTATION ENGINEERING AND DEVELOPMENT
PRELIMINARY ENGINEER'S ESTIMATE
NE 97th Avenue LID**

Preliminary Engineer's Estimate for the improvement of NE 97th Ave. from NE Glisan St. to future NE Everett St.
Note: BID ITEMS IN BOLD ARE NOT ODOT STANDARD BID ITEMS.
Note: Percentages shown in blue are variable.

BID ITEMS

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization (8%)	1.00	ls	\$ 29,200.00	\$ 29,200.00
2	Temporary Protection & Direction of Traffic (1%)	1.00	ls	\$ 3,700.00	\$ 3,700.00
4	Temporary Barricades, Type III	4.00	ea	\$ 159.00	\$ 636.00
6	Erosion Control (1.5%)	1.00	ls	\$ 5,500.00	\$ 5,500.00
7	Construction Entrances	2.00	ea	\$ 1,470.00	\$ 2,940.00
8	Inlet Protection	4.00	ea	\$ 103.00	\$ 412.00
9	Pollution Control Plan (1%)	1.00	ls	\$ 3,700.00	\$ 3,700.00
10	Removal of Structures & Obstructions (1%)	1.00	ls	\$ 3,700.00	\$ 3,700.00
11	Clearing and Grubbing	660.00	lf	\$ 9.00	\$ 5,940.00
15	Tree Root Exploration	4.00	hr	\$ 180.00	\$ 720.00
17	General Excavation	917.00	cy	\$ 27.10	\$ 24,850.70
21	Subgrade Geotextile	2388.00	sy	\$ 1.50	\$ 3,582.00
31	Stormwater Swale	3,685.00	sf	\$ 35.00	\$ 128,975.00
39	Concrete Inlets Type PB, Metal	22.00	ea	\$ 450.00	\$ 9,900.00
42	Adjust Boxes	6.00	ea	\$ 316.00	\$ 1,896.00
50	Aggregate Base	1,046.00	ton	\$ 26.30	\$ 27,509.80
53	Level 2, 1/2 inch Dense HMAC	418.00	ton	\$ 85.81	\$ 35,868.58
57	Curb and Gutter Concrete Curbs	471.00	lf	\$ 30.00	\$ 14,130.00
58	Curb and Gutter, Thickened Gutter	439.00	lf	\$ 35.00	\$ 15,365.00
60	Concrete Driveways	850.00	sf	\$ 7.02	\$ 5,970.06
63	Concrete Walk	8,291.00	sf	\$ 6.00	\$ 49,746.00
64	Monolithic Curb & Sidewalks	46.00	sf	\$ 9.66	\$ 444.24
67	Remove & Re-install Existing Signs	4.00	ea	\$ 140.00	\$ 560.00
70	Pipe Sign Posts	2.00	ea	\$ 117.60	\$ 235.20
71	Type G Signs in Place	32.00	sf	\$ 28.00	\$ 896.00
90	Bark Mulch	60.00	cy	\$ 110.00	\$ 6,600.00
96	Relocate Mailbox & Post	2.00	ea	\$ 132.00	\$ 264.00
102	Install Funding Sign	1.00	ea	\$ 294.00	\$ 294.00
103	Pervious Pavers and Concrete Treewell Headers	1940.00	sf	\$ 11.00	\$ 21,340.00
104	Tactile Warning Strips	156.00	sf	\$ 40.00	\$ 6,240.00

TOTAL BID ITEMS

\$ 411,114.58

ANTICIPATED ITEMS

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
103	Install Bollards	2.00	ls	\$ 500.00	\$ 1,000.00
105	Deciduous Trees, 3 Inch Caliper	19.00	ea	\$ 1,100.00	\$ 20,900.00
107	Sleeve Water Meter through swale	2.00	ea	\$ 2,000.00	\$ 4,000.00
106	Street Lighting - Upgrade Luminaries	7.00	ea	\$ 350.00	\$ 2,450.00
109	Miscellaneous Landscaping	1.00	ls	\$ 5,000.00	\$ 5,000.00
111	Contract Contingency, 10% of Bid Items	1.00	ls	\$ 41,111.46	\$ 41,111.46

TOTAL ANTICIPATED ITEMS

\$ 74,461.46

NO.	ITEMS OF WORK AND MATERIALS	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
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SCHEDULE SUMMARY

BID ITEMS					\$ 411,115
CONSTRUCTION CONTINGENCY (5%)					\$ 20,556
SUBTOTAL					\$ 431,671
ANTICIPATED ITEMS					\$ 74,461
TOTAL CONSTRUCTION					\$ 506,132
PROJECT MANAGEMENT (5%)					\$ 20,556
DESIGN ENGINEERING (25%)					\$ 102,779
CONSTRUCTION MANAGEMENT (15%)					\$ 61,667
SUBTOTAL					\$ 185,002
PROJECT MANAGEMENT & ENGINEERING OVERHEAD (65.88%) **					\$ 121,879
TOTAL PROJECT MANAGEMENT & ENGINEERING					\$ 306,881
RIGHT-OF-WAY & PROPERTY ACQUISITION					\$ 30,000
RIGHT-OF-WAY CONTINGENCY (30%)					\$ 9,000
TOTAL PROJECT RIGHT-OF-WAY					\$ 39,000
INFLATION RATE ON CONSTRUCTION OF 8.0% FOR 2 YEAR					\$ 40,491
INFLATION RATE ON PERSONNEL OF 3.8% FOR 2 YEAR					\$ 11,661
ESTIMATE CONTINGENCY FOR UNDEFINED OR CHANGE IN SCOPE (20%)					\$ 173,033
TOTAL PROJECT CONTINGENCY					\$ 225,185
TOTAL PROJECT ESTIMATE					\$ 1,077,198