CITY OF PORTLAND, OREGON BUREAU OF TRANSPORTATION FINAL ENGINEER'S ESTIMATE Couch Ct - 3rd to 4th LID, NE

PRELIMINARY ENGINEER'S ESTIMATE FOR THE IMPROVEMENT OF NE COUCH CT FROM NE 3RD AVE. TO 4TH AVE.

BID ITEMS

NO.			TOTAL			TOTAL
MOSILIZATION	NO	ITEMS OF MODE AND MATERIALS		LIMIT	LINIT DDICE	
TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC 0.40 LS \$15,000.00 \$5,012.14	<u> </u>				L	
TEMPORARY SIGNS	-				. ,	
TEMPORARY BARRICADES, TYPE III					. ,	
5 TEMPORARY PLASTIC DRUMS 12.50 EA \$30.00 \$375.00 6 FLAGGERS 100.70 HR \$52.50 \$52.266.75 7 EROSIGN CONTROL 0.40 LS \$4,000.00 \$1,603.24 8 INLET PROTECTION 4.00 EA \$100.00 \$400.00 9 POLLUTION CONTROL PLAN 0.40 LS \$750.00 \$500.61 10 HASPICADE WORK PLANS 1.00 LS \$750.00 \$700.00 11 REMOVAL OF STRUCTURES AND OBSTRUCTIONS 0.40 LS \$15,000.00 \$84.10.22 12 CLEARING AND GRUBBING 0.40 LS \$15,000.00 \$1,703.44 13 GENERAL EXCAVATION 84.01 CY \$41.00 \$8,443.71 14 SAND DRAINAGE BLANKET 10.80 SY \$20.00 \$6,493.20 15 GRANULAR DRAINAGE BLANKET 10.80 SY \$20.00 \$6,493.20 16 IO INCH PIPE PVC AWWA C-900 PC 235, BEDDINGTYPE: D 5.65 FT \$114.00 \$64.36 17 CONCRETE INLETS, TYPE G-1 2.00 EA \$20.00 \$4,000.00 18 ADJUSTING BOXES 1.00 EA \$4,000.00 \$64.30 \$64.35 20 MINOR ADJUSTMEN						
FLAGGERS						
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8 INLET PROTECTION	_				· ·	. ,
POLLUTION CONTROL PLAN 0.40 LS \$750.00 \$700.00 \$700.00 10					. ,	. ,
10 HASPICMDP WORK PLANS 1.00 LS \$700.00 \$700.00 11 REMOVAL OF STRUCTURES AND OBSTRUCTIONS 0.40 LS \$4,250.00 \$1,703.44 12 CLEARING AND GRUBBING 0.40 LS \$4,250.00 \$1,703.44 13 GENERAL EXCAVATION 84.01 CY \$41.00 \$3,444.37 14 SAND DRAINAGE BLANKET 154.60 SY \$42.00 \$6,493.20 15 GRANULAR DRAINAGE BLANKET 109.33 CY \$20.00 \$2,016.60 16 10 INCH PIPE PVC AWWA C-900 PC 235, BEDDINGTYPE: D 5.55 FT \$114.00 \$643.56 17 CONCRETE INLETS, TYPE G-1 2.00 EA \$2,000.00 \$4,000.00 18 ADJUSTING BOXES 1.40 EA \$415.00 \$445.00 19 CONNECTION TO EXISTING STRUCTURES 1.00 EA \$1,000.00 \$1,000.00 10 CONNECTION TO EXISTING STRUCTURES 1.00 EA \$9,995.00 \$497.50 11 MAJOR ADJUSTMENT OF MANHOLES 0.50 EA \$9,995.00 \$497.50 12 MAJOR ADJUSTMENT OF MANHOLES 0.50 EA \$9,995.00 \$497.50 12 MAJOR ADJUSTMENT OF MANHOLES 1.00 EA \$3,000.00 \$3,000.00 12 TRENCH RESURFACING 6.88 SY \$90.00 \$619.31 13 THERMOPLASTIC, NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.31 14 STRUMPOPRATIC, NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.31 15 STRUMPOPRATIC, NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.31 15 STRUMPOPRATIC NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.31 15 STRUMPOPRATIC NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.31 16 STRUMPOPRATIC NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.30 17 STRUMPOPRATIC NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.00 15 STRUMPOPRATIC NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.00 16 STRUMPOPRATIC NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.00 16 STRUMPOPRATIC NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$169.00 16 ST						· · · · · · · · · · · · · · · · · · ·
11 REMOVAL OF STRUCTURES AND OBSTRUCTIONS 0.40 LS \$13,500.00 \$5,410.92 12 CLEARING AND GRUBBING 0.40 LS \$4,250.00 \$1,703.44 13 GENERAL EXCAVATION 84.01 CY \$41.00 \$3,444.37 14 SAND DRAINAGE BLANKET 154.60 SY \$42.00 \$6,493.20 15 GRANULAR DRAINAGE BLANKET 100.83 CY \$20.00 \$2,016.60 16 10 INCH PIPE. PVC AWWA C-900 PC 235, BEDDINGTYPE: D 5.65 FT \$114.00 \$643.65 17 CONCRETE INLETS, TYPE G-1 2.00 EA \$2,000.00 \$4,000.00 18 ADJUSTING BOXES 1.40 EA \$415.00 \$881.00 19 CONNECTION TO EXISTING STRUCTURES 1.40 EA \$415.00 \$881.00 19 CONNECTION TO EXISTING STRUCTURES 1.40 EA \$410.00 \$891.00 20 MINOR ADJUSTMENT OF MANHOLES 0.50 EA \$995.00 \$497.50 21 MAJOR ADJUSTMENT OF MANHOLES 0.50 EA \$995.00 \$497.50 22 TRENCH RESURFACING 6.88 SY \$90.00 \$519.31 23 THERMOPLASTIC. NON-PROFILE, 120 MILS, EXTRUDED OR SPRAYED 52.92 FT \$3.00 \$168.75 24 PAVEMENT LEGEND, TYPE BH-S BICYCLE LANE STENCIL 1.00 EA \$340.00 \$340.00 25 SIGN SUPPPORT FOOTINGS, BREAKAWAY 0.50 LS \$2,300.00 \$1,150.00 26 PIPE SIGN SUPPORTS 0.50 LS \$1,775.00 \$887.50 27 BİKR RACK SİĞIR SUPPORTS 0.50 LS \$1,775.00 \$887.50 28 TYPE "R" SIGNS IN PLACE 4.450 SF \$19.00 \$2,400.00 28 TYPE "Y" SIGNS IN PLACE 4.50 SF \$19.00 \$365.50 30 TYPE "W" SIGNS IN PLACE 4.50 SF \$2.750.00 \$4,200.00 31 TYPE "W" SIGNS IN PLACE 4.50 SF \$2.00.00 \$4,200.00 32 TYPE "Y" SIGNS IN PLACE 4.50 SF \$2.00.00 \$4,200.00 33 REMOVAL OF ELECTRICAL SYSTEMS 1.00 LS \$4,200.00 \$4,200.00 34 POLE FOUNDATIONS 1.50 LS \$1,190.00 \$1,800.00 35 LUMINAIRES, LAMPS AND BALLASTS 1.00 LS \$4,200.00 \$4,200.00 36 LUMINAIRES, LAMPS AND BALLASTS 1.00 LS \$4,200.00 \$4,200.00 36 LUMINAIRES, LAMPS AND BALLASTS 1.00 LS \$4,200.00 \$4,200.00 36 LUMINAIRES, LAMPS AND BALLASTS 1.00 LS \$5,000.00 \$5,000.00 36 SOUR						
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37 SWITCHING, CONDUIT AND WIRING 1.00 LS \$37,250.00 \$37,250.00 38 TOPSOIL 6.30 CY \$82.00 \$516.20 4002A ADDITIONAL TPDT @ NE COUCH ST. 1.00 LS \$5,000.00 4002B COLD PLANE MILLING 25.26 SY \$52.00 \$1,313.57 4002C 15" ASPHALT PAVEMENT REPAIR 122.90 SY \$121.00 \$14,870.90 4002D MONO BEVELED CURB AND SIDEWALK 1,453.82 SF \$21.00 \$30,530.22 4002F BLACK CONTRACT BIKE LANE STENCIL 3.00 EA \$850.00 \$2,550.00 4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$15.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	35	LIGHTING POLES, FIXED BASE	1.00		\$11,900.00	\$11,900.00
38 TOPSOIL 6.30 CY \$82.00 \$516.20 4002A ADDITIONAL TPDT @ NE COUCH ST. 1.00 LS \$5,000.00 \$5,000.00 4002B COLD PLANE MILLING 25.26 SY \$52.00 \$1,313.57 4002C 15" ASPHALT PAVEMENT REPAIR 122.90 SY \$121.00 \$14,870.90 4002D MONO BEVELED CURB AND SIDEWALK 1,453.82 SF \$21.00 \$30,530.22 4002F BLACK CONTRACT BIKE LANE STENCIL 3.00 EA \$850.00 \$2,550.00 4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$15.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	36		1.00	LS	\$10,800.00	\$10,800.00
4002A ADDITIONAL TPDT @ NE COUCH ST. 1.00 LS \$5,000.00 4002B COLD PLANE MILLING 25.26 SY \$52.00 \$1,313.57 4002C 15" ASPHALT PAVEMENT REPAIR 122.90 SY \$121.00 \$14,870.90 4002D MONO BEVELED CURB AND SIDEWALK 1,453.82 SF \$21.00 \$30,530.22 4002F BLACK CONTRACT BIKE LANE STENCIL 3.00 EA \$850.00 \$2,550.00 4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$15.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	37	SWITCHING, CONDUIT AND WIRING	1.00	LS	\$37,250.00	\$37,250.00
4002B COLD PLANE MILLING 25.26 SY \$52.00 \$1,313.57 4002C 15" ASPHALT PAVEMENT REPAIR 122.90 SY \$121.00 \$14,870.90 4002D MONO BEVELED CURB AND SIDEWALK 1,453.82 SF \$21.00 \$30,530.22 4002F BLACK CONTRACT BIKE LANE STENCIL 3.00 EA \$850.00 \$2,550.00 4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$15.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	38	TOPSOIL	6.30	CY	\$82.00	\$516.20
4002C 15" ASPHALT PAVEMENT REPAIR 122.90 SY \$121.00 \$14,870.90 4002D MONO BEVELED CURB AND SIDEWALK 1,453.82 SF \$21.00 \$30,530.22 4002F BLACK CONTRACT BIKE LANE STENCIL 3.00 EA \$850.00 \$2,550.00 4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$15.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	4002A	ADDITIONAL TPDT @ NE COUCH ST.	1.00	LS	\$5,000.00	\$5,000.00
4002D MONO BEVELED CURB AND SIDEWALK 1,453.82 SF \$21.00 \$30,530.22 4002F BLACK CONTRACT BIKE LANE STENCIL 3.00 EA \$850.00 \$2,550.00 4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$15.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	4002B	COLD PLANE MILLING	25.26	SY	\$52.00	\$1,313.57
4002F BLACK CONTRACT BIKE LANE STENCIL 3.00 EA \$850.00 \$2,550.00 4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$15.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	4002C	15" ASPHALT PAVEMENT REPAIR	122.90	SY	\$121.00	\$14,870.90
4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$1,50.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	4002D	MONO BEVELED CURB AND SIDEWALK	1,453.82	SF	\$21.00	\$30,530.22
4002G PAVEMENT BAR - TYPE B-HS 108.00 SF \$15.00 \$1,620.00 4002H REMOVE EXISTING SIGNS 1.00 LS \$4,500.00 \$4,500.00 4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	4002F	BLACK CONTRACT BIKE LANE STENCIL	3.00	EA	\$850.00	\$2,550.00
4002I REMOVE AND TEINSTALL EXISTING SIGNS 1.00 LS \$5,000.00 4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	4002G	PAVEMENT BAR - TYPE B-HS	108.00	SF		\$1,620.00
4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	4002H	REMOVE EXISTING SIGNS	1.00	LS	\$4,500.00	\$4,500.00
4002K INCREASE BI #20 - SAND DRAINAGE BLANKET 92.55 SY \$42.00 \$3,887.10	4002I	REMOVE AND TEINSTALL EXISTING SIGNS	1.00	LS	\$5,000.00	\$5,000.00
			92.55	SY	\$42.00	
4002N INCREASE BI # 53 - CONCRETE DRIVEWAY 246.75 SF \$8.00 \$1,974.00			246.75	SF		
4003A UPGRADE PGE VAULT LID - T00360 1.00 LS \$7,814.00 \$7,814.00	4003A	UPGRADE PGE VAULT LID - T00360	1.00	LS		
4004A REPAIR BIKE LANE AT NE COUCH STREET - T00360 1.00 LS \$8,380.21 \$8,380.21	4004A	REPAIR BIKE LANE AT NE COUCH STREET - T00360	1.00	LS	\$8,380.21	\$8,380.21

TOTAL CONSTRUCTION \$225,990.95