



WEDLER
ENGINEERING

Date	<u>19-May-23</u>
Printed	<u>19-May-23</u>
Estimator	<u>JAF</u>
Checked	<u>GRM</u>

1375 Piercy Road, Courtenay BC
Habitat for Humanity Vancouver Island North

Wedler Project No. **V20-0409/A**

**LANE OFFSITE WORKS
CONSTRUCTION COST ESTIMATE SUMMARY**

STORM SEWER	\$40,830
ROAD WORKS	\$125,040
<i>TOTAL COSTS</i>	<i>\$165,870</i>

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FACTOR
1.00
LANE OFFSITE STORM SEWER

MMCD	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
	SINGLE PIPE - IMPORTED BACKFILL				
	<i>250 mm diameter</i>				
02721	0 - 2 m	lin.m.	63.0	\$235.00	\$14,805.00
	MANHOLES and APPURTENANCES				
	<i>Bases & Tops</i>				
02725	1050 mm	each	2.0	\$5,973	\$11,945.00
	<i>Riser Sections</i>				
02725	1050 mm	v.m.	3.0	\$600	\$1,800.00
	CATCH BASINS & LAWN DRAINS				
	<i>Catch Basins</i>				
02725	Single CB - Standard Frame & Grate	each	2.0	\$1,980	\$3,960.00
	<i>Leads</i>				
02721	200 mm Lead - Imported Backfill	lin.m.	23.0	\$234.00	\$5,382.00
	MISCELLANEOUS				
	<i>Video Inspection - Main Pipes</i>	lin.m.	86.0	\$8.00	\$688.00
02721	Tie-in to Existing Storm Sewer with new MH	each	1.0	\$2,250	\$2,250.00
	TOTAL STORM SEWER				\$40,830.00
	TOTAL STORM SEWER w/ ADJUSTMENT FACTOR				\$40,830.00

ASSUMPTIONS/NOTES:

- Storm sewer & service connection installation includes all surface restoration per MMCD Section 02223 - Sub-section 3.6, except permanent pavement restoration.
- Measurement of Storm Sewer is from MH C/L to MH C/L.

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FACTOR
1.00
LANE OFFSITE ROAD WORKS

MMCD	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
EXCAVATION, EMBANKMENT & COMPACTION					
<i>Common Excavation</i>					
02224	Waste Material (Excavate & Dispose Off-Site)	cu.m.	225.0	\$70.00	\$15,750.00
02224	Subgrade Preparation	sq.m.	750.0	\$10.00	\$7,500.00
02224	Asphalt Removal	sq.m.	0.0	\$24.00	\$0.00
02224	Concrete sidewalk and Curb Removal	lin.m	0.0	\$56.00	\$0.00
<i>Pavement Structure</i>					
02233	Granular Base	sq.m.	750.0	\$22.00	\$16,500.00
02234	Select Granular Sub-base	sq.m.	750.0	\$27.00	\$20,250.00
HOT-MIX ASPHALT CONCRETE PAVING					
02512	Saw Cut Asphalt - Tull Ave Lane Letdown	lin.m	15.0	\$8.00	\$120.00
<i>Surface Course - Machine Placed</i>					
02512	35mm lift - Tull Ave Lane Letdown	sq.m.	9.0	\$50.00	\$450.00
02512	40mm lift - Tull Ave Lane Letdown	sq.m.	9.0	\$55.00	\$495.00
02512	50mm lift - Lane	sq.m.	750.0	\$62.00	\$46,500.00
SIDEWALKS, CURBS and GUTTERS					
<i>Concrete - Broom Finished</i>					
02523	Sidewalk-100mm (c/w Gr Base) -Tull Ave Letdown Tie-in	sq.m.	9.0	\$105.00	\$945.00
02523	Driveway - 200mm (c/w Gr Base) - Lane Letdowns	sq.m.	28.5	\$110.00	\$3,135.00
<i>Concrete - Curbs</i>					
02522	Barrier Curb with Gutter - Wide Base	lin.m	0.0	\$106.00	\$0.00
02522	Rollover Curb with Gutter - Wide Base	lin.m	130.0	\$103.00	\$13,390.00
TREATMENT and MEDIAN FILL					
<i>Treatment</i>					
	Hydro Seeding	sq.m.	0.0	\$6.35	\$0.00
	Topsoil (MMCD 2921)	sq.m.	0.0	\$17.00	\$0.00
TOTAL ROADWORKS					\$125,035.00
TOTAL ROADWORKS w/ ADJUSTMENT FACTOR					\$ 125,035.00