

Estimate HAM-ColumConn

Estimated Cost:\$1,694,441.44

Contingency: 8.30%

Estimated Total: \$1,835,080.08

Final Estimate

Base Date: 07/31/25

Spec Year: 23

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type:

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: HAMILTON

Latitude of Midpoint: 390835

Longitude of Midpoint: -842147

District: 08

Federal/State Project Number: 114496

Estimate Type: Final Estimate

Prepared by Stantec on 07/31/25

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0010: Roadway

0001	201E11001 CLEARING AND GRUBBING, AS PER PLAN	1.000	LS	\$30,000.00000	\$30,000.00
0002	202E23000 PAVEMENT REMOVED	7.000	SY	\$76.67609	\$536.73
0003	202E30000 WALK REMOVED	4,364.000	SF	\$8.42998	\$36,788.43
0004	202E32000 CURB REMOVED	269.000	FT	\$24.52553	\$6,597.37
0005	202E35100 PIPE REMOVED, 24" AND UNDER	77.000	FT	\$39.52174	\$3,043.17
0006	202E75000 FENCE REMOVED	240.000	FT	\$3.65095	\$876.23
0007	203E10000 EXCAVATION	2,783.000	CY	\$21.14330	\$58,841.80
0008	203E20000 EMBANKMENT	1,694.000	CY	\$17.54426	\$29,719.98
0009	204E10000 SUBGRADE COMPACTION	5,578.000	SY	\$3.30554	\$18,438.30
0010	204E45000 PROOF ROLLING	2.000	HOUR	\$308.39961	\$616.80
0011	607E30000 FENCE, SNOW	200.000	FT	\$10.00000	\$2,000.00
0012	607E98000 FENCE, MISC.: WOOD FENCE	1,133.000	FT	\$80.00000	\$90,640.00
0013	608E10000 4" CONCRETE WALK	192.000	SF	\$20.61121	\$3,957.35
0014	608E40000 CONCRETE STEPS, TYPE A	56.000	FT	\$245.55520	\$13,751.09
0018	608E52000 CURB RAMP	3,369.000	SF	\$25.20809	\$84,926.06
Total for Group 0010:					\$380,733.31

Group 0020: Erosion Control

0019	601E32100 ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	7.000	CY	\$69.60715	\$487.25
0020	659E00100 SOIL ANALYSIS TEST	2.000	EACH	\$116.16588	\$232.33
0021	659E00300 TOPSOIL	605.000	CY	\$41.48089	\$25,095.94
0022	659E10000	2,778.000	SY	\$2.45239	\$6,812.74

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<u>Description</u>					
<u>Supplemental Description</u>					
SEEDING AND MULCHING					
0023	659E10001	1,030.000	SY	\$3.15000	\$3,244.50
SEEDING AND MULCHING, AS PER PLAN (TURF MOW STRIP)					
0024	659E10001	3,085.000	SY	\$3.15000	\$9,717.75
SEEDING AND MULCHING, AS PER PLAN (BALANCE MIX)					
0025	659E20000	0.730	TON	\$1,470.77903	\$1,073.67
COMMERCIAL FERTILIZER					
0026	659E31000	1.130	ACRE	\$87.92854	\$99.36
LIME					
0027	659E35000	30.000	MGAL	\$3.53370	\$106.01
WATER					
0029	832E15000	1.000	LS	\$5,000.00000	\$5,000.00
STORM WATER POLLUTION PREVENTION PLAN					
0030	832E15002	1.000	LS	\$7,000.00000	\$7,000.00
STORM WATER POLLUTION PREVENTION INSPECTIONS					
0031	832E15010	1.000	LS	\$7,500.00000	\$7,500.00
STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE					
0032	832E30000	47,377.000	EACH	\$1.00000	\$47,377.00
EROSION CONTROL					

Total for Group 0020:\$113,746.55

Group 0040: Drainage

0033	602E20000	1.000	CY	\$3,797.59158	\$3,797.59
CONCRETE MASONRY					
0034	611E04400	89.000	FT	\$129.67328	\$11,540.92
12" CONDUIT, TYPE B					
0035	611E04600	93.000	FT	\$122.62036	\$11,403.69
12" CONDUIT, TYPE C					
0036	611E05900	5.000	FT	\$249.53176	\$1,247.66
15" CONDUIT, TYPE B					
0037	611E16400	6.000	FT	\$493.22102	\$2,959.33
36" CONDUIT, TYPE B					
0038	611E16600	26.000	FT	\$308.29405	\$8,015.65
36" CONDUIT, TYPE C					
0039	611E97010	32.000	FT	\$150.00000	\$4,800.00
SLOTTED DRAIN, TYPE 2					
0040	611E98470	1.000	EACH	\$3,365.15192	\$3,365.15
CATCH BASIN, NO. 2-2B					
0041	611E99574	1.000	EACH	\$5,962.34563	\$5,962.35
MANHOLE, NO. 3					
0042	611E99654	1.000	EACH	\$1,181.97252	\$1,181.97

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<u>Description</u>					
<u>Supplemental Description</u>					

MANHOLE ADJUSTED TO GRADE

Total for Group 0040:\$54,274.31

Group 0050: Pavement

0043	253E02000 PAVEMENT REPAIR	30.000	CY	\$646.14480	\$19,384.34
0045	304E20000 AGGREGATE BASE	1,168.000	CY	\$74.71734	\$87,269.85
0046	407E10000 TACK COAT	266.000	GAL	\$3.64336	\$969.13
0050	441E70500 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS) 1-1/4"	10.000	CY	\$453.23604	\$4,532.36
0051	441E70700 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS) 1-1/4"	10.000	CY	\$546.29480	\$5,462.95
0052	452E12050 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	37.000	SY	\$117.40243	\$4,343.89
0053	609E12001 COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN	90.000	FT	\$50.00000	\$4,500.00
0054	609E26000 CURB, TYPE 6	93.000	FT	\$62.50615	\$5,813.07
0055	609E28000 CURB, TYPE 7	76.000	FT	\$28.15024	\$2,139.42
0056	823E40000 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449)	190.000	CY	\$300.00000	\$57,000.00
0057	823E42000 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	311.000	CY	\$300.00000	\$93,300.00

Total for Group 0050:\$284,715.01

Group 0051: Pavement Alternates

0104	204E13000 EXCAVATION OF SUBGRADE , 12" (ALTERNATE)	723.000	CY	\$24.04808	\$17,386.76
0105	204E30020 GRANULAR MATERIAL, TYPE C (ALTERNATE)	723.000	CY	\$54.29106	\$39,252.44
0106	204E50000 GEOTEXTILE FABRIC , 712.09, TYPE D (ALTERNATE)	2,169.000	SY	\$1.11447	\$2,417.29

Total for Group 0051:\$59,056.49

Group 0052: Water Works

0103	638E10800 VALVE BOX ADJUSTED TO GRADE	9.000	EACH	\$739.12591	\$6,652.13
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Total for Group 0052:\$6,652.13

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Group 0080: Traffic Control

0058	630E03100	151.800	FT	\$16.04465	\$2,435.58
	GROUND MOUNTED SUPPORT, NO. 3 POST				
0059	630E08600	3.000	EACH	\$65.40836	\$196.23
	SIGN POST REFLECTOR				
0060	630E79500	3.000	EACH	\$114.27876	\$342.84
	SIGN SUPPORT ASSEMBLY, POLE MOUNTED				
0061	630E80100	65.700	SF	\$25.51886	\$1,676.59
	SIGN, FLAT SHEET				
0062	630E84900	4.000	EACH	\$16.59184	\$66.37
	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL				
0063	630E85100	2.000	EACH	\$76.66250	\$153.32
	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION				
0064	630E86002	6.000	EACH	\$21.43105	\$128.59
	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL				
0065	630E87500	2.000	EACH	\$34.02683	\$68.05
	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL				
0066	644E00500	52.000	FT	\$10.93940	\$568.85
	STOP LINE				
0067	644E00630	444.000	FT	\$5.73616	\$2,546.86
	CROSSWALK LINE, 24"				
	Signing				

Total for Group 0080:\$8,183.28

Group 0085: Traffic Signal

0068	625E25408	7.000	FT	\$34.25377	\$239.78
	CONDUIT, 2", 725.051				
0069	630E80100	1.500	SF	\$23.86954	\$35.80
	SIGN, FLAT SHEET				
0070	630E87500	1.000	EACH	\$29.00657	\$29.01
	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL				
0071	632E20750	1.000	EACH	\$1,037.48281	\$1,037.48
	ACCESSIBLE PEDESTRIAN PUSHBUTTON				
0072	632E40500	180.000	FT	\$3.14475	\$566.06
	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG				
0073	632E65300	180.000	FT	\$2.02052	\$363.69
	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG				
0074	632E90010	1.000	EACH	\$3,000.00000	\$3,000.00
	PEDESTAL, MISC.: TRANSFORMER BASE AND FOUNDATION				
0075	632E90203	1.000	EACH	\$800.00000	\$800.00
	REUSE OF PEDESTRIAN SIGNAL HEAD, AS PER PLAN				
0076	632E90207	1.000	EACH	\$3,500.00000	\$3,500.00
	REUSE OF SIGNAL SUPPORT, AS PER PLAN				
0077	632E90500	90.000	FT	\$100.00000	\$9,000.00

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<u>Description</u>					
<u>Supplemental Description</u>					

SIGNALIZATION, MISC.:
UNLASH AND RELASH MESSENGER WIRE

Total for Group 0085:\$18,571.82

Group 0090: Landscaping

0078	661E40081	90.000	EACH	\$600.00000	\$54,000.00
DECIDUOUS TREE, 2" CALIPER, AS PER PLAN					

Total for Group 0090:\$54,000.00

Group 0100: Retaining Wall

0086	507E00400	990.000	FT	\$140.00000	\$138,600.00
STEEL PILES, MISC.: SOLDIER PILES W33X141					
0087	524E94803	650.000	FT	\$150.00000	\$97,500.00
DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN					
0088	530E00400	29.000	EACH	\$400.00000	\$11,600.00
SPECIAL - STRUCTURES : PRECAST CONCRETE PANEL 1					
0089	530E00400	75.000	EACH	\$500.00000	\$37,500.00
SPECIAL - STRUCTURES : PRECAST CONCRETE PANEL 2					
0090	530E00400	11.000	EACH	\$500.00000	\$5,500.00
SPECIAL - STRUCTURES : PRECAST CONCRETE PANEL 3					
0091	530E00400	1.000	EACH	\$400.00000	\$400.00
SPECIAL - STRUCTURES : PRECAST CONCRETE PANEL 4					

Total for Group 0100:\$291,100.00

Group 0110: Structures Over 20 Foot Span (Bridge Number of SFN)

0092	503E21301	1.000	LS	\$15,000.00000	\$15,000.00
UNCLASSIFIED EXCAVATION, AS PER PLAN					
0093	509E10000	1,535.000	LB	\$4.00000	\$6,140.00
EPOXY COATED STEEL REINFORCEMENT					
0094	510E09950	146.000	EACH	\$100.00000	\$14,600.00
DOWEL HOLES WITH CEMENT GROUT					
0095	511E45710	12.000	CY	\$2,590.76660	\$31,089.20
CLASS QC1 CONCRETE, ABUTMENT					
0096	530E00200	1.000	LS	\$100,000.00000	\$100,000.00
SPECIAL - STRUCTURES MISC.: PREFABRICATED BRIDGE					

Total for Group 0110:\$166,829.20

Group 0120: Maintenance of Traffic

0079	614E12384	1.000	EACH	\$2,836.92329	\$2,836.92
WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)					
0080	614E13310	7.000	EACH	\$23.08048	\$161.56
BARRIER REFLECTOR, TYPE 1					
0081	614E13360	6.000	EACH	\$20.79763	\$124.79
OBJECT MARKER, TWO WAY					

2:51:45PM

Thursday, July 31, 2025

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u> <u>Supplemental Description</u>				
0082	614E18000 MAINTAINING TRAFFIC, MISC.: TYPE 3 BARRICADE WITH FLASHING BEACONS	2.000	EACH	\$1,000.00000	\$2,000.00
0083	614E22210 WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I	0.220	MILE	\$12,912.54718	\$2,840.76
0084	616E10000 WATER	9.000	MGAL	\$88.32949	\$794.97
0085	622E41100 PORTABLE BARRIER, UNANCHORED	320.000	FT	\$16.62607	\$5,320.34

Total for Group 0120:\$14,079.34

Group 0165: Incidentals

0097	614E11000 MAINTAINING TRAFFIC <i>Approx. 1.5% of total project cost</i>	1.000	LS	\$50,000.00000	\$50,000.00
0098	623E10000 CONSTRUCTION LAYOUT STAKES AND SURVEYING <i>Approx. 0.5% of total project cost</i>	1.000	LS	\$10,000.00000	\$10,000.00
0099	624E10000 MOBILIZATION <i>from CMS Item 624 for total project cost</i>	1.000	LS	\$100,000.00000	\$100,000.00
0100	690E98400 SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION	1.000	LS	\$12,500.00000	\$12,500.00
0101	878E25000 INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	1.000	LS	\$70,000.00000	\$70,000.00

Total for Group 0165:\$242,500.00

FY 2025-2029 Business Plan Inflation Calculator:

[Not sure if you have the latest calculator? Click here.](#)

Last Modified: 7/23/2024

Today's Date:

July 31, 2025

Please Enter Values in the Yellow Areas Only:

Estimation Start Date:

Less than or Equal to Today's Date
(mm/dd/yyyy)

7/31/2025

Start Date:

Enter Construction Mid-Point Date:

(cannot exceed 07/31/2050)
(mm/dd/yyyy)

1/1/2027

Construction Mid-Point Date:

Present-Day Estimated Cost:

\$1,694,441.44

Estimated Dollar Amount:

Estimate Start Date to Construction Mid-Point Date:

18

Months

Inflation - Start to Mid-Point of Construction:

(compounded growth rate)

Inflated Dollar Amount:

Business Plan

8.3%

\$1,834,238.17

Estimator's Name:

Zach Morman

County - Route - Section:

HAM-Columbia Connector

PID:

114496

Estimator's Notes:

Final Estimate