

Department of Public Works

City Hall
730 Washington Avenue
Racine, Wisconsin 53403
262.636.9121 – Public Works
262.636.9191 - Engineering



Mark H. Yehlen, PE
Commissioner of Public Works


Thomas M. Eeg, P.E.
Asst. Comm. of Public Works/Operations

John C. Rooney, P.E.
Asst. Comm. of Public Works/City Engineer

November 12, 2018

Legistar Item: 1117-18

To: Alderman John Tate, II, Chairman
Public Works and Services Committee

From: Mark Yehlen 
Commissioner of Public Works.

RE: Contract 20170048 – Change Order No. 2
Sidewalk Repairs (R1)
RAZA of Racine, LLC., Contractor

Submitted for your review and approval is Change Order No. 2 on the subject contract. Change Order No. 1 is in the amount of \$64,044.28 for additional work. This change order addresses areas that needed sidewalk repairs such as the Library, Cesar Chavez Center, Festival Hall and the various locations listed on the attached tables. This did address all the sidewalk needs at the price received for this contract.

The total amount of the contract was \$288,458.88. Change Order No. 1 was in the amount of \$59,860.23. This change order will bring the cost of the contract to \$412,363.39. Funds are available in Org-Object 45040-57515, DPW Sidewalks.

TME:njp

CITY OF RACINE
DEPARTMENT OF PUBLIC WORKS

CONTRACT CHANGE ORDER

Contract No. & Name CONTRACT NO. 20170048, Sidewalk Repairs (R1)

C.O. No.	<u>2</u>	<u>Funding Account(s)</u>	Original Contract	<u>\$ 288,458.88</u>
		<u>45040 57515</u>	Previous C.O.'s	<u>\$ 59,860.23</u>
			Contract Total	<u>\$ 348,319.11</u>

Contractor RAZA of Racine LLC

We mutually agree to the contract change order as herein delineated.

Item No.	Description of Changes - Quantities, Units, Unit Prices, Change in Completion Schedule, etc.	Decrease in Contract	Increase in Contract
1	Library		
2	Item 3. Concrete Sidewalk 6 Inch (1746.75 SF x \$6.32) - Library		\$11,039.46
3	Item 4. Concrete Curb Pedestrian (48 LF * \$27.77) - Library		\$1,332.96
4	Item 5. Concrete Curb Ramp (156.5 LF * \$44) - Library		\$6,886.00
5	Item 3. Concrete Sidewalk 6 Inch (790 SF x \$6.32) - Chavez Ctr		\$4,992.80
6	Item 2. Colored Concrete Sidewalk (1114.28 SF x \$10.77) Festival Hall		\$12,000.80
7	Item 1. Concrete Sidewalk 4 Inch (260 SF x \$5.77) Douglas Ave & Jupiter		\$1,500.20
8	Item 8. Sawcut Isolated Areas (392.86 In*Ft * \$34.78) - Various		\$13,662.60
9	Item 1. Concrete Sidewalk 4 Inch (1968 SF x \$5.77) - Various		\$11,355.36
	Item 3. Concrete Sidewalk 6 Inch (201.6 x \$6.32) - Various		\$1,274.11
	Total Decrease	\$0.00	XXXXXXXXXXXX
	Total Increase	XXXXXXXXXXXX	\$64,044.28
	Change in Contract Amount due to this Change Order		\$64,044.28

Adjusted Contract Amount \$412,363.39

The time provided for completion in the contract is increased by 10 calendar days.
This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

Accepted by _____ Contractor _____ Date

Recommended by _____ Engineer/Department Head _____ Date

Approved by _____ Finance Director _____ Date

Approved by _____ Commissioner of Public Works _____ Date

Authorized by Resolution No. _____ Date

Sidewalk Saw Cut Quantities and Locations

Mark Yehlen
City of Racine
730 Washington Ave
Racine, WI 53403
11/8/2018

Total LF
894.8 **Total IF**
392.86 **Total Cost**
\$13,662.60

No.	Pin	GPS Coordinates*		Address	Notes	High	Low	Lineal Feet	Inch Feet	Cost
		Latitude	Longitude							
1	145	42.7071953	-87.829422	4125 19th St		4	0	6	1.50	\$52.17
2	146	42.7071762	-87.829445	4125 19th St		4	2	6	2.25	\$78.26
3	147	42.7071342	-87.829605	4125 19th St	On Kenlucky St	4	0	5.5	1.38	\$47.82
4	47	42.7375793	-87.798869	1501 Albert St		9	0	9	5.08	\$176.07
5	48	42.7377052	-87.798561	1501 Albert St		4	3	6	2.62	\$91.30
6	49	42.7377052	-87.798622	1501 Albert St	XC	4	0	6	1.50	\$52.17
7	50	42.7377052	-87.798645	1501 Albert St		4	2	6	2.25	\$78.26
8	51	42.7376823	-87.798721	1501 Albert St		8	3	6	4.12	\$143.47
9	52	42.7377205	-87.798775	1501 Albert St	XC	4	0	6	1.50	\$52.17
10	53	42.7377205	-87.798775	1501 Albert St	XC	4	0	6	1.50	\$52.17
11	54	42.7377472	-87.798851	1501 Albert St	XC	5	0	6	1.88	\$65.21
12	55	42.7377434	-87.798874	1501 Albert St		4	4	6	3.00	\$104.34
13	56	42.7376785	-87.79906	1501 Albert St	XC	4	0	6	1.50	\$52.17
14	58	42.7376823	-87.799332	1501 Albert St		4	0	6	1.50	\$52.17
15	59	42.7376938	-87.799461	1501 Albert St	XC	4	0	6	1.50	\$52.17
16	60	42.7376823	-87.799522	1501 Albert St		4	3	6	2.62	\$91.30
17	61	42.7376633	-87.799767	1501 Albert St	XC	5	0	6	1.88	\$65.21
18	62	42.7376747	-87.799782	1501 Albert St		7	2	6	3.38	\$117.38
19	63	42.7376785	-87.799843	1501 Albert St	XC	7	0	6	2.62	\$91.30
20	65	42.7376709	-87.800125	1501 Albert St	On N Memorial Dr	4	2	6	2.25	\$78.26
21	66	42.7376328	-87.800133	1501 Albert St	XC	4	0	6	1.50	\$52.17
22	67	42.7373199	-87.800148	1501 Albert St	XC	4	0	6	1.50	\$52.17
23	68	42.7372665	-87.800148	1501 Albert St	On N Memorial Dr	4	3	6	2.62	\$91.30
24	69	42.7372322	-87.800163	1501 Albert St	On N Memorial Dr	5	4	6	3.38	\$117.38
25	70	42.7366447	-87.800117	1501 Albert St	XC	5	0	6	1.88	\$65.21
26	71	42.7366333	-87.800133	1501 Albert St	On N Memorial Dr	4	0	6	1.50	\$52.17
27	72	42.7365837	-87.800133	1501 Albert St	On N Memorial Dr	5	1	6	2.25	\$78.26
28	73	42.73592	-87.80011	1501 Albert St	On N Memorial Dr	4	0	6	1.50	\$52.17
29	75	42.7357521	-87.800079	1501 Albert St	XC	4	0	6	1.50	\$52.17
30	76	42.735569	-87.800087	1501 Albert St	On N Memorial Dr	4	3	4.3	1.88	\$65.43
31	77	42.7355614	-87.800026	1501 Albert St	On N Hamilton St	4	3	6	2.62	\$91.30
32	78	42.7355499	-87.799706	1501 Albert St	XC	4	0	6	1.50	\$52.17
33	79	42.7355423	-87.799713	1501 Albert St	XC	4	0	6	1.50	\$52.17
34	80	42.7355652	-87.799545	1501 Albert St	On N Hamilton St	6	6	6	4.50	\$156.51
35	81	42.7355537	-87.799385	1501 Albert St	XC	4	0	6	1.50	\$52.17
36	82	42.7355347	-87.799377	1501 Albert St	XC	6	0	6	2.25	\$78.26
37	31	42.7522011	-87.786598	512 Augusta St	XC	8	0	6	3.00	\$104.34
38	84	42.7375488	-87.801788	1326 Blake Ave		6	3	6	3.38	\$117.38
39	87	42.7376709	-87.802025	1326 Blake Ave	XC	5	0	6	1.88	\$65.21
40	88	42.7376671	-87.802101	1326 Blake Ave		4	4	6	3.00	\$104.34
41	43	42.7385788	-87.788017	1423 Buchanan St		7	7	6	5.25	\$182.60
42	44	42.7386436	-87.788017	1423 Buchanan St	XC	8	0	6	3.00	\$104.34
43	149	42.7100487	-87.830467	4220 Byrd Ave		6	3	5	2.81	\$97.82
44	150	42.7100601	-87.830437	4220 Byrd Ave		4	0	4	1.00	\$34.78
45	151	42.7100601	-87.830376	4220 Byrd Ave	6 Inch	6	5	5	3.44	\$119.56
46	107	42.7553596	-87.797432	2922 Charles St		5	1	6	2.25	\$78.26
47	108	42.7553635	-87.797379	2922 Charles St	XC	8	0	6	3.00	\$104.34
48	110	42.7553711	-87.797188	2922 Charles St		6	1	6	2.62	\$91.30
49	111	42.7553825	-87.79718	2922 Charles St	XC	9	0	6	3.38	\$117.38
50	112	42.755394	-87.79715	2922 Charles St		4	3	6	2.62	\$91.30
51	113	42.7553902	-87.79718	2922 Charles St	XC	4	0	6	1.50	\$52.17
52	115	42.7553978	-87.797058	2922 Charles St		8	3	6	4.12	\$143.47
53	116	42.7553864	-87.79705	2922 Charles St		5	1	6	2.25	\$78.26
54	117	42.7553368	-87.797043	2922 Charles St	XC	8	0	6	3.00	\$104.34
55	118	42.7552948	-87.797028	2922 Charles St	XC	5	0	6	1.88	\$65.21
56	119	42.7552567	-87.797028	2922 Charles St		4	2	6	2.25	\$78.26
57	120	42.7552719	-87.797058	2922 Charles St	Client Review, XC	9	0	6	3.38	\$117.38
58	121	42.7552223	-87.797066	2922 Charles St		5	5	6	3.75	\$130.43
59	122	42.7552071	-87.797043	2922 Charles St	XC	8	0	6	3.00	\$104.34
60	162	42.7235718	-87.83709	807 Crab Tree Ln	XC, 6 Inch	4	0	6	1.50	\$52.17
61	208	42.7118645	-87.815002	1616 Deane Blvd		7	4	6	4.12	\$143.47
62	209	42.7118225	-87.814987	1616 Deane Blvd		4	2	6	2.25	\$78.26
63	137	42.6976378	-87.813835	2824 Dwight St		8	5	6	4.88	\$169.55
64	138	42.6978455	-87.813828	2824 Dwight St	XC	4	0	6	1.50	\$52.17
65	125	42.698494	-87.803505	2001 Gillen St	XC	5	0	6	1.88	\$65.21
66	126	42.6984863	-87.803467	2001 Gillen St		7	3	6	3.75	\$130.43
67	127	42.6984825	-87.803459	2001 Gillen St		4	0	4.2	1.05	\$36.52
68	128	42.6984596	-87.803474	2001 Gillen St		4	3	6	2.62	\$91.30
69	129	42.6984367	-87.803368	2001 Gillen St	6 Inch	6	3	6	3.38	\$117.38
70	165	42.7260475	-87.836288	4800 Graceland Blvd	On Ohio St	4	2	6	2.25	\$78.26
71	166	42.7262535	-87.836296	4800 Graceland Blvd		4	3	6	2.62	\$91.30
72	168	42.7264786	-87.836296	4800 Graceland Blvd	XC	5	0	6	1.88	\$65.21

*The accuracy of GPS coordinates is dependent on the technology available on smart phones and should be relied upon as approximations only.

		GPS Coordinates*					Notes	High	Low	Lineal Feet	Inch Feet	Cost
No.	Pin	Latitude	Longitude	Address								
73	169	42.7265816	-87.836288	4800 Graceland Blvd		On Ohio St	5	2	6	2.62	\$91.30	
74	170	42.7266235	-87.836311	4800 Graceland Blvd	XC	On Ohio St	4	0	6	1.50	\$52.17	
75	171	42.7267609	-87.836304	4800 Graceland Blvd	XC	On Ohio St	4	0	6	1.50	\$52.17	
76	172	42.7269173	-87.836296	4800 Graceland Blvd		On Ohio St	5	2	6	2.62	\$91.30	
77	173	42.7269554	-87.836296	4800 Graceland Blvd		On Ohio St	6	0	4.3	1.61	\$56.08	
78	174	42.7270279	-87.836281	4800 Graceland Blvd		On Ohio St	4	3	6	2.62	\$91.30	
79	175	42.7271652	-87.836311	4800 Graceland Blvd		On Ohio St	6	4	6	3.75	\$130.43	
80	178	42.7273331	-87.836327	4800 Graceland Blvd		On Ohio St; Out of Sequence	4	3	6	2.62	\$91.30	
81	212	42.7470551	-87.790001	2042 Green St		Client Review, Tree	9	6	6	5.62	\$195.64	
82	213	42.7470551	-87.789978	2042 Green St			5	3	6	3.00	\$104.34	
83	33	42.7496567	-87.78968	2302 Green St	XC	Keystone	6	0	6	2.25	\$78.26	
84	34	42.749649	-87.789703	2302 Green St			5	0	6	1.88	\$65.21	
85	36	42.749733	-87.789673	2302 Green St			5	1	6	2.25	\$78.26	
86	186	42.7170486	-87.817482	1254 Grove Ave	XC		4	0	6	1.50	\$52.17	
87	187	42.7170486	-87.817482	1254 Grove Ave	XC		5	0	6	1.88	\$65.21	
88	188	42.7170143	-87.817474	1254 Grove Ave	XC	On 13th St; Keystone	5	0	6	1.88	\$65.21	
89	189	42.7170296	-87.817551	1254 Grove Ave	XC	On 13th St	7	0	6	2.62	\$91.30	
90	191	42.7170219	-87.817703	1254 Grove Ave	XC	On 13th St	5	0	6	1.88	\$65.21	
91	192	42.7170372	-87.817673	1254 Grove Ave			4	2	6	2.25	\$78.26	
92	193	42.7170486	-87.817741	1254 Grove Ave		On 13th St	4	1	6	1.88	\$65.21	
93	194	42.7170372	-87.817749	1254 Grove Ave	XC	On 13th St	6	0	6	2.25	\$78.26	
94	195	42.716835	-87.817261	1301 Grove Ave			9	0	5.6	3.15	\$109.56	
95	196	42.7168808	-87.817268	1301 Grove Ave		Keystone	5	0	4.5	1.41	\$48.91	
96	89	42.7390709	-87.812172	1500 Howard St	XC		4	0	5	1.25	\$43.48	
97	91	42.7389336	-87.81221	1500 Howard St			4	3	5	2.19	\$76.08	
98	93	42.7388382	-87.81237	1500 Howard St		On Westwood Dr	4	1	6	1.88	\$65.21	
99	179	42.7237396	-87.830971	737 Indiana St			9	7	6	6.00	\$208.68	
100	180	42.7238121	-87.830986	737 Indiana St			6	3	6	3.38	\$117.38	
101	130	42.6981812	-87.806145	2819 Kearney Ave			5	4	6	3.38	\$117.38	
102	132	42.6980667	-87.806099	2819 Kearney Ave	XC		4	0	6	1.50	\$52.17	
103	133	42.6980438	-87.806114	2819 Kearney Ave	XC		4	0	6	1.50	\$52.17	
104	99	42.7192154	-87.802048	1821 Linden Ave			7	6	6	4.88	\$169.55	
105	98	42.7192497	-87.802193	1827 Linden Ave			6	5	6	4.12	\$143.47	
106	97	42.7192383	-87.802216	1831 Linden Ave	XC		4	0	6	1.50	\$52.17	
107	40	42.7413979	-87.784676	1631 Main St, N			4	2	6	2.25	\$78.26	
108	41	42.7414207	-87.784698	1631 Main St, N			7	7	6	5.25	\$182.60	
109	42	42.7414131	-87.784698	1631 Main St, N			4	1	6	1.88	\$65.21	
110	38	42.7414742	-87.784988	1636 Main St, N			6	1	6	2.62	\$91.30	
111	39	42.7415314	-87.784981	1636 Main St, N			5	0	6	1.88	\$65.21	
112	156	42.7210121	-87.832214	1013 Oregon St			10	3	6.5	5.28	\$183.68	
113	157	42.7209969	-87.832222	1013 Oregon St			8	4	6.5	4.88	\$169.55	
114	158	42.7209206	-87.832214	1013 Oregon St	6 Inch		7	4	6	4.12	\$143.47	
115	141	42.7011871	-87.83223	2412 Oregon St			6	3	6	3.38	\$117.38	
116	143	42.7012253	-87.832237	2412 Oregon St			4	2	6	2.25	\$78.26	
117	159	42.7204628	-87.839302	1033 Perry Ave		Client Review, Tree	14	8	6	8.25	\$286.94	
118	160	42.7203178	-87.839134	1033 Perry Ave	XC	On Linderman Ave	6	0	6	2.25	\$78.26	
119	101	42.7229805	-87.806198	19 Riverside Dr	XC		6	0	5	1.88	\$65.21	
120	102	42.7229814	-87.806198	19 Riverside Dr	XC		4	0	5	1.25	\$43.48	
121	13	42.7611694	-87.788162	3409 Saint Clair St	XC		7	0	6	2.62	\$91.30	
122	14	42.7611313	-87.788132	3409 Saint Clair St	XC		7	0	6	2.62	\$91.30	
123	15	42.7611122	-87.788132	3409 Saint Clair St	XC		4	0	6	1.50	\$52.17	
124	16	42.7611427	-87.788101	3409 Saint Clair St			6	4	6	3.75	\$130.43	
125	17	42.7611122	-87.788132	3409 Saint Clair St	XC		4	0	6	1.50	\$52.17	
126	10	42.7613029	-87.788307	3412 Saint Clair St	XC		7	0	6	2.62	\$91.30	
127	11	42.7612724	-87.788139	3415 Saint Clair St			5	4	6	3.38	\$117.38	
128	12	42.7612305	-87.788124	3415 Saint Clair St			6	1	6	2.62	\$91.30	
129	4	42.7614441	-87.7883	3418 Saint Clair St			4	3	6	2.62	\$91.30	
130	5	42.7614594	-87.788284	3418 Saint Clair St			5	4	6	3.38	\$117.38	
131	6	42.7614403	-87.788284	3418 Saint Clair St	6 Inch		6	0	6	2.25	\$78.26	
132	7	42.7613983	-87.788322	3418 Saint Clair St	XC		5	0	6	1.88	\$65.21	
133	9	42.7613449	-87.788315	3418 Saint Clair St			5	0	6	1.88	\$65.21	
134	105	42.724041	-87.810051	2303 Thor Ave		On Chicago St	4	3	3	1.31	\$45.65	
135	152	42.7118187	-87.834595	1613 Virginia St	6 Inch		4	2	6	2.25	\$78.26	
136	153	42.7118301	-87.834587	1613 Virginia St			5	0	5.8	1.81	\$63.04	
137	154	42.7118301	-87.834579	1613 Virginia St		Client Review, Tree	12	5	6	6.38	\$221.72	
138	200	42.7168617	-87.816696	1300 West Blvd	6 Inch	On 13th St	5	1	6	2.25	\$78.26	
139	201	42.7168579	-87.816704	1300 West Blvd		On 13th St	4	0	4.7	1.18	\$40.87	
140	203	42.7169113	-87.816467	1300 West Blvd	XC	On 13th St	6	0	6	2.25	\$78.26	
141	204	42.7169037	-87.81633	1300 West Blvd		On 13th St	7	0	4.9	2.14	\$74.56	
142	19	42.7538948	-87.786781	510 William St			4	3	6	2.62	\$91.30	
143	21	42.7538567	-87.786919	520 William St			5	4	6	3.38	\$117.38	
144	22	42.7538581	-87.78698	520 William St	XC		8	0	6	3.00	\$104.34	
145	23	42.7538567	-87.787033	520 William St	XC	Keystone	8	0	6	3.00	\$104.34	
146	24	42.7538834	-87.787041	520 William St		Keystone	4	2	6	2.25	\$78.26	
147	25	42.7539444	-87.787086	520 William St	XC	On Erie St	4	0	6	1.50	\$52.17	
148	26	42.7539825	-87.787071	520 William St	Client Review, XC	On Erie St	8	0	6	3.00	\$104.34	
149	28	42.7540054	-87.787079	520 William St	XC	On Erie St	4	0	6	1.50	\$52.17	
150	29	42.7540321	-87.787086	520 William St	XC	On Erie St	7	0	6	2.62	\$91.30	
151	30	42.7540588	-87.787071	520 William St		On Erie St	4	2	6	2.25	\$78.26	
152	3	42.7688904	-87.794701	3910 Wilshire Dr	6 Inch		4	5	6	3.38	\$117.38	

*The accuracy of GPS coordinates is dependent on the technology available on smart phones and should be relied upon as approximations only.

Remove & Replace Quantities and Locations

Mark Yehlen
 City of Racine
 730 Washington Ave
 Racine, WI 53403
 11/8/2018

Est. Sq. Ft. Rate (4" Depth) \$5.77
 Est. Sq. Ft. Rate (6" Depth) \$6.32

Final Est. Cost: \$12,629.47

Location	GPS Coordinates*		Address	Notes	8" Depth	Width	Length	Sq. Ft	Cost
	Latitude	Longitude							
1	42.72423553	-87.81016778	2303 Thor Ave	Waterpooling; Broken; Sunken		6	40.4	242.4	\$1,454.40
	42.72404961	-87.81002908	2303 Thor Ave	On Chicago; Waterpooling; Broken; Sunken; Hole		6	36.1	216.6	\$1,299.60
	42.72396851	-87.81003571	2303 Thor Ave	On Chicago St; Broken; Spalling; Hole	YES	6	22.6	135.6	\$1,084.80
2	42.71702576	-87.81690216	3112 13th St	Negative Cross Slope		6	30	180	\$1,080.00
	42.71704102	-87.81694794	3112 13th St	Joint Decay		6	5	30	\$180.00
	42.71702957	-87.81764984	1254 Grove Ave	On 13th St; Waterpooling		6	15	90	\$540.00
	42.71689224	-87.81726837	1301 Grove Ave	On 13th St		6	10	60	\$360.00
	42.7168808	-87.81681061	1301 Grove Ave	Replace, Sunken, Tree		6	6	66	\$528.00
	42.71684265	-87.81659698	1300 West Blvd	On 13th St; Cracked; Spalling	YES	6	12	72	\$432.00
3	42.72079086	-87.82725525	1019 Russet St	On 13th St; Exceeds Criteria		6	20.1	120.6	\$723.60
	42.72086716	-87.82723236	1019 Russet St	Cracked; Joint decay		6	6.5	39	\$234.00
4	42.72180176	-87.82847595	927 Orchard St	Cracked		6	10	60	\$360.00
5	42.72385025	-87.83099551	737 Indiana St	Cracked		6	5	30	\$180.00
6	42.72362137	-87.83709854	807 Crab Tree Ln	Cracked		6	20.2	121.2	\$727.20
7	42.69807053	-87.80612946	2819 Kearney Ave	Negative cross slope		6	20.5	123	\$738.00
8	42.70800781	-87.80786133	1839 Taylor Ave	Cracked		6	5	30	\$180.00
9	42.7613678	-87.78831482	3418 Saint Clair St	Over criteria		6	5	30	\$180.00
10	42.75537109	-87.79728699	2922 Charles St	On Melvin Ave; Hole		6	9.8	58.8	\$352.80
	42.75541306	-87.79711914	2922 Charles St	On Melvin Ave; Broken; Sunken; Waterpooling; Hole		6	9.6	57.6	\$345.60
11	42.75503922	-87.78726196	2908 Erie St	Hole		6	10	60	\$360.00
12	42.75385666	-87.78683472	520 William St	Over criteria		6	20	120	\$720.00
	42.75399017	-87.78707886	520 William St	On Erie St; Broken		6	5	30	\$180.00
13	42.7522049	-87.78652954	508 Augusta St	Over criteria		6	10.3	61.8	\$370.80
14	42.74964142	-87.78968048	2302 Green St	Cracked		6	5	30	\$180.00
	42.74973679	-87.78968811	2302 Green St	Spalling; Hole		6	5	30	\$180.00
15	42.74692917	-87.79595184	2040 Carter St	Sloping; Tree removal caused massive damage to sidewalk and terrace lawn; Immediate attention required		5	15	75	\$450.00

Concrete Sidewalk 4 inch (\$5.77 per S.F.)
 Concrete Sidewalk 6 inch (\$6.32 per S.F.)

1968 \$11,355.36
 201.6 \$1,274.11
 \$12,629.47

*The accuracy of GPS coordinates is dependent on the technology available on smart phones and should be relied upon as approximations only.