Performance Report for:

https://pidc-construction.com/

Report generated: Fri, Sep 8, 2023 10:09 AM -0700
Test Server Location: Vancouver, Canada
Using: Chrome (Desktop) 103.0.5060.134, Lighthouse 9.6.4

A	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	96%	92%	1.3s	15ms	0

Top Issues

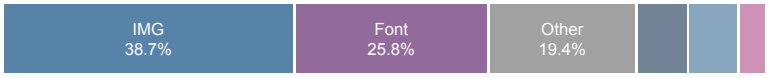
IMPACT	AUDIT	
Low	**Reduce JavaScript execution time** TBT	1.7s spent executing JavaScript
Low	**Avoid enormous network payloads** LCP	Total size was 2.68MB
Low	**Avoid an excessive DOM size** TBT	917 elements
Low	**Use passive listeners to improve scrolling performance**	1 event listener not passive
Low	**Reduce unused CSS** FCP LCP	Potential savings of 155KB

Page Details

1.4s
Fully Loaded Time

Total Page Size - 2.68MB

Total Page Requests - 31



HTML JS CSS IMG Video Font Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

About GTmetrix

CARBON 60
THE MANAGED CLOUD COMPANY

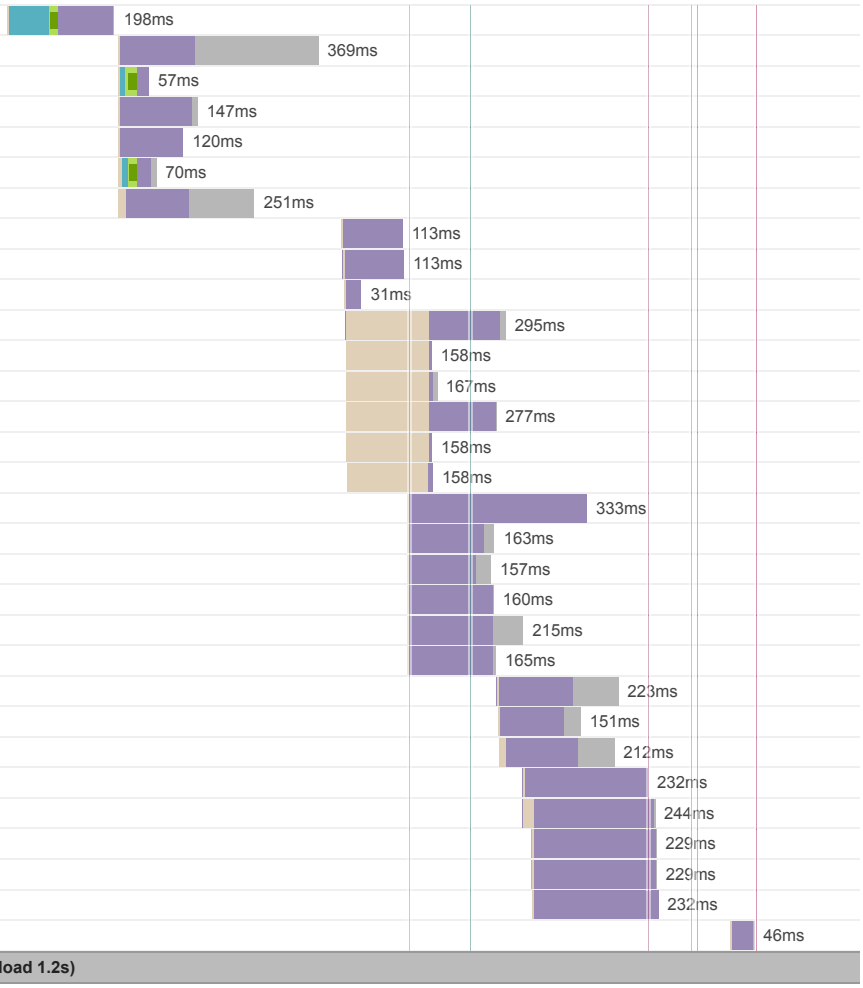
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 27 years experience in web technology.

https://carbon60.com/

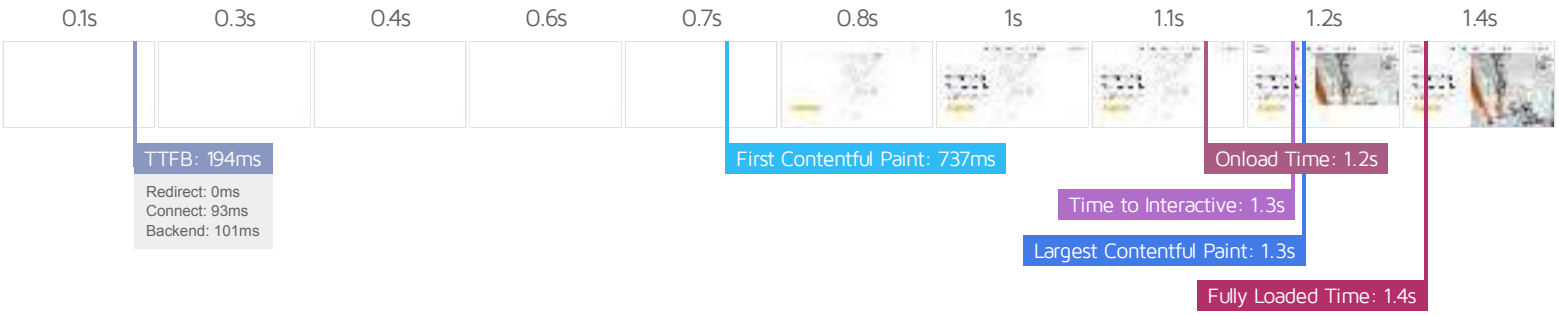
The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

A Unifying Component - PIDC Construction

/	200	pidc-construction.com	25.2KB	198ms
breeze_8f8dce5c73f48ce0d231277ae0…	200	pidc-construction.com	166KB	369ms
css?family=Poppins%3A300%2C400…	200	fonts.googleapis.com	1.42KB	57ms
ff-font-awesome4.woff	200	pidc-construction.com	95.9KB	147ms
glyphicons-halflings-regular.woff2	200	pidc-construction.com	17.6KB	120ms
js?id=G-G58HZ4140J	200	googletagmanager.com	90.1KB	70ms
breeze_78c0503a4daad6e07655d60de…	200	pidc-construction.com	192KB	251ms
banner-bg-5a-2.svg	200	pidc-construction.com	3.42KB	113ms
abstract-corner-bottom-right.svg	200	pidc-construction.com	2.52KB	113ms
bottom-corner-dark-bg.svg	200	pidc-construction.com	4.02KB	31ms
ff-font-awesome4.woff?v=4.2.0	200	pidc-construction.com	95.8KB	295ms
pxiByp8kv8JHgFVrLEj6Z1xlFQ.woff2	200	fonts.gstatic.com	7.81KB	158ms
0QlvMX1D_JOuMwr7Iw.woff2	200	fonts.gstatic.com	35.0KB	167ms
pidc-icons.ttf?59dkto	200	pidc-construction.com	1.90KB	277ms
pxiEyp8kv8JHgFVrJJfecg.woff2	200	fonts.gstatic.com	7.70KB	158ms
pxiByp8kv8JHgFVrLCz7Z1xlFQ.woff2	200	fonts.gstatic.com	7.63KB	158ms
logo-pidc-140h-optimized.jpg	200	pidc-construction.com	5.00KB	333ms
biomedical-bw-optimized.jpeg	200	pidc-construction.com	60.0KB	163ms
confidential-s4-bw-optimized.jpeg	200	pidc-construction.com	74.2KB	157ms
boylston-s5-bw-optimized.jpeg	200	pidc-construction.com	32.1KB	160ms
first-church-bw-optimized.jpeg	200	pidc-construction.com	89.6KB	215ms
2-65-grove-bw-optimized.jpeg	200	pidc-construction.com	132KB	165ms
life-sciences-construction-c4-therape…	200	pidc-construction.com	423KB	223ms
utility-infrastructure-square-optimize…	200	pidc-construction.com	559KB	151ms
commercial-sector-square-optimized.…	200	pidc-construction.com	604KB	212ms
calculator.json	200	pidc-construction.com	1.44KB	232ms
connection.json	200	pidc-construction.com	1.99KB	244ms
flow-chart.json	200	pidc-construction.com	1.21KB	229ms
crane.json	200	pidc-construction.com	2.06KB	229ms
assessment.json	200	pidc-construction.com	2.56KB	232ms
icon2023_04_13__04_18_54.ico	200	pidc-construction.com	1.18KB	46ms



31 Requests **2.68MB (4.58MB Uncompressed)** **Fully Loaded 1.4s (Onload 1.2s)**



Performance Metrics

First Contentful Paint

Good - Nothing to do here

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

736ms

Time to Interactive

Good - Nothing to do here

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

1.3s

Speed Index

Good - Nothing to do here

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

1.2s

Total Blocking Time

Good - Nothing to do here

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

15ms

Largest Contentful Paint

OK, but consider improvement

How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.

1.3s

Cumulative Layout Shift

Good - Nothing to do here

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

0

Browser Timings

Redirect	0ms	Connect	93ms	Backend	101ms
TTFB	194ms	First Paint	737ms	DOM Int.	796ms
DOM Loaded	848ms	Onload	1.2s	Fully Loaded	1.4s

IMPACT	AUDIT	
Low	**Reduce JavaScript execution time** TBT	1.7s spent executing JavaScript
Low	**Avoid enormous network payloads** LCP	Total size was 2.68MB
Low	**Avoid an excessive DOM size** TBT	917 elements
Low	**Use passive listeners to improve scrolling performance**	1 event listener not passive
Low	**Reduce unused CSS** FCP LCP	Potential savings of 155KB
Low	**Reduce unused JavaScript** LCP	Potential savings of 149KB
Low	**Properly size images**	Potential savings of 311KB
Low	**Eliminate render-blocking resources** FCP LCP	Potential savings of 0 ms
Low	**Ensure text remains visible during webfont load** FCP LCP	5 fonts found
Low	**Avoid long main-thread tasks** TBT	4 long tasks found
Low	**Reduce initial server response time** FCP LCP	Root document took 100ms
Low	**Defer offscreen images**	Potential savings of 1.14MB
Low	**Avoid non-composited animations** CLS	1 animated element found
Low	**Avoid chaining critical requests** FCP LCP	6 chains found
N/A	**Largest Contentful Paint element** LCP	1 element found
N/A	**Avoid large layout shifts** CLS	3 elements found
N/A	**Minimize main-thread work** TBT	Main-thread busy for 3.3s
N/A	**Reduce the impact of third-party code** TBT	Total size was 151KB
N/A	**User Timing marks and measures**	