

CLIENT-SIDE WEB DEVELOPMENT

Assignment 2 - Part I - Responsive Web Development

2017

Cork News (Responsive Web Design)

The screenshot shows a desktop browser window with three tabs open. The active tab is titled 'index.html'. The main content area features a black header bar with a 'Menu' button and the 'Cork News' logo. Below the header is a large, semi-transparent background image of a city street at night. Overlaid on the image are four large, bold, black text blocks: 'Local News', 'Events', 'Photos', and 'News'. The 'News' section contains a paragraph of placeholder text (Lorem ipsum) and three social media sharing icons (Facebook, Twitter, Google+).

Local News

Events

Photos

News

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The screenshot shows a tablet browser window with three tabs open. The active tab is titled 'index.html'. The main content area features a black header bar with a 'Menu' button and the 'Cork News' logo. Below the header is a large, semi-transparent background image of a city street at night. Overlaid on the image are four large, bold, black text blocks: 'About Us', 'Contacts', 'FAQ', and 'Subscriptions'. A small 'X' icon is located in the bottom right corner of the content area. The 'Local News' and 'Events' sections from the desktop version are visible at the bottom of the screen.

About Us

Contacts

FAQ

Subscriptions

X

Local News

Events

The screenshot shows a mobile browser window with three tabs open. The active tab is titled 'index.html'. The main content area features a black header bar with a 'Menu' button and the 'Cork News' logo. Below the header is a large, semi-transparent background image of a city street at night. Overlaid on the image are four large, bold, black text blocks: 'Local News', 'Events', 'Photos', and 'News'. The 'News' section contains a paragraph of placeholder text (Lorem ipsum) and three social media sharing icons (Facebook, Twitter, Google+). The bottom of the screen shows the file path: '/Users/gary/Dropbox/MM 2017-18/New Assignments 2017-18.../photos.html'.

Local News

Events

Photos

News

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/Users/gary/Dropbox/MM 2017-18/New Assignments 2017-18.../photos.html

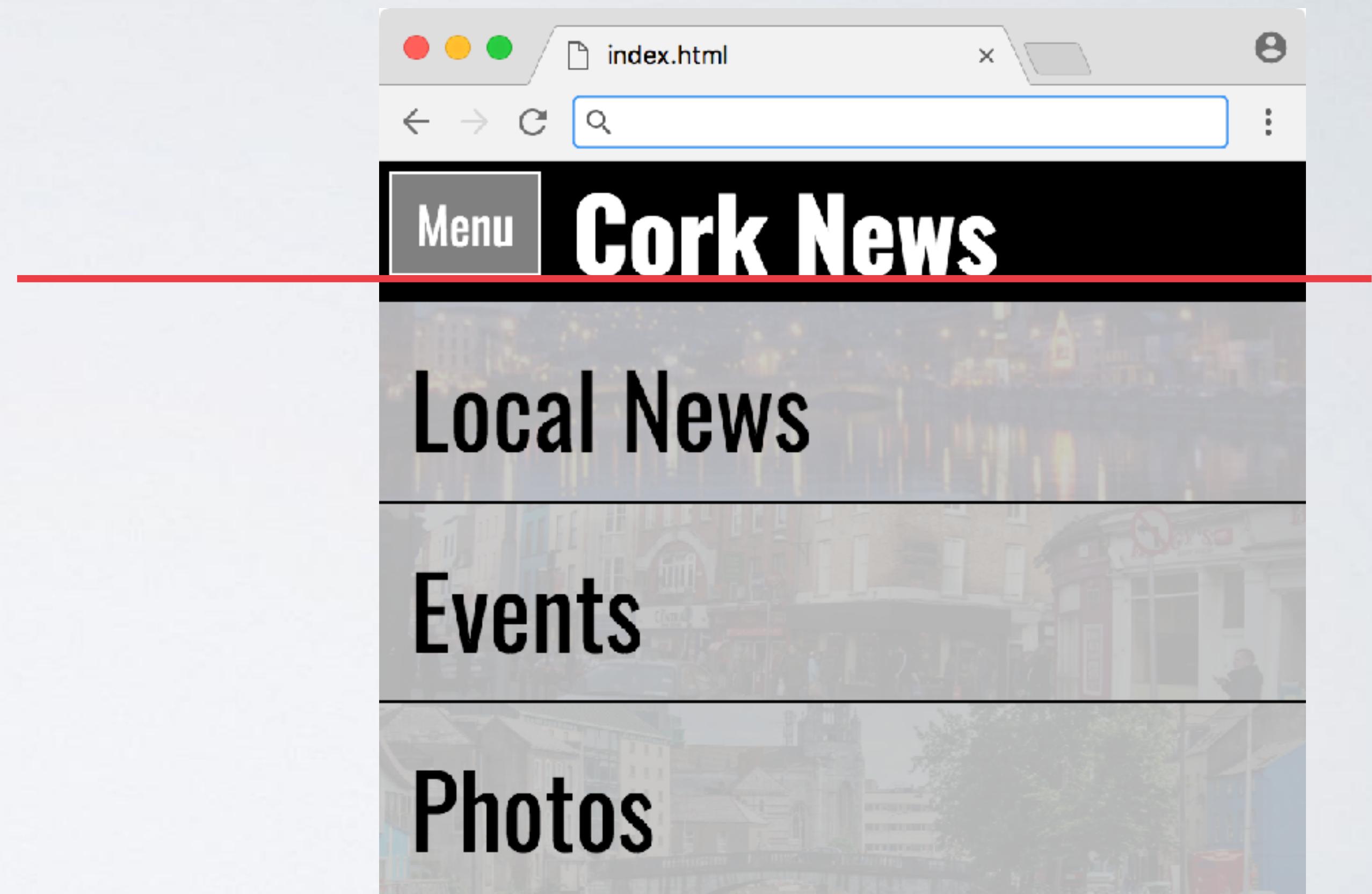
Cork News (Responsive Web Design)





Original design

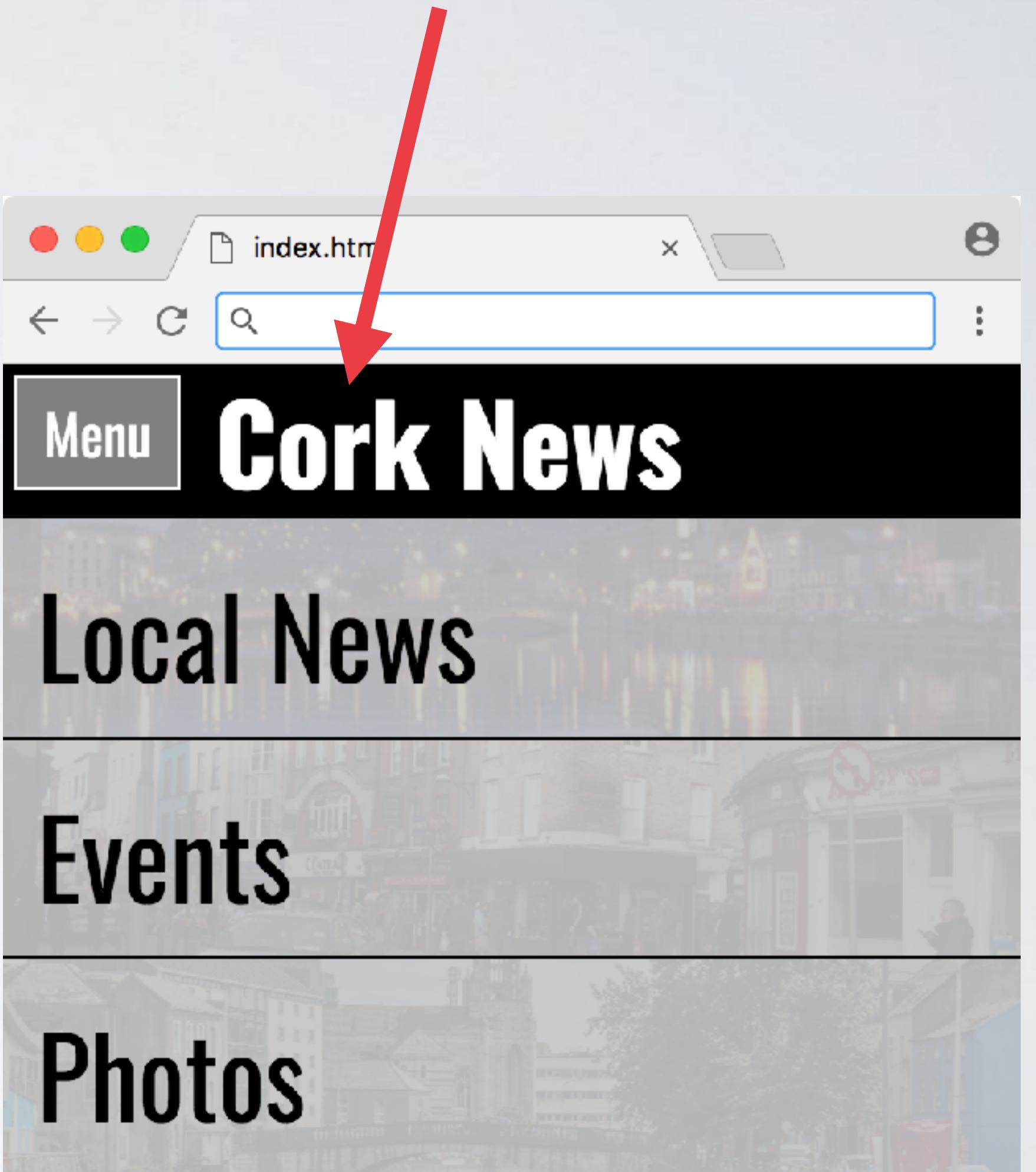
Menu "button" is aligned with the "Cork News" heading.



News

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Use web fonts for headings

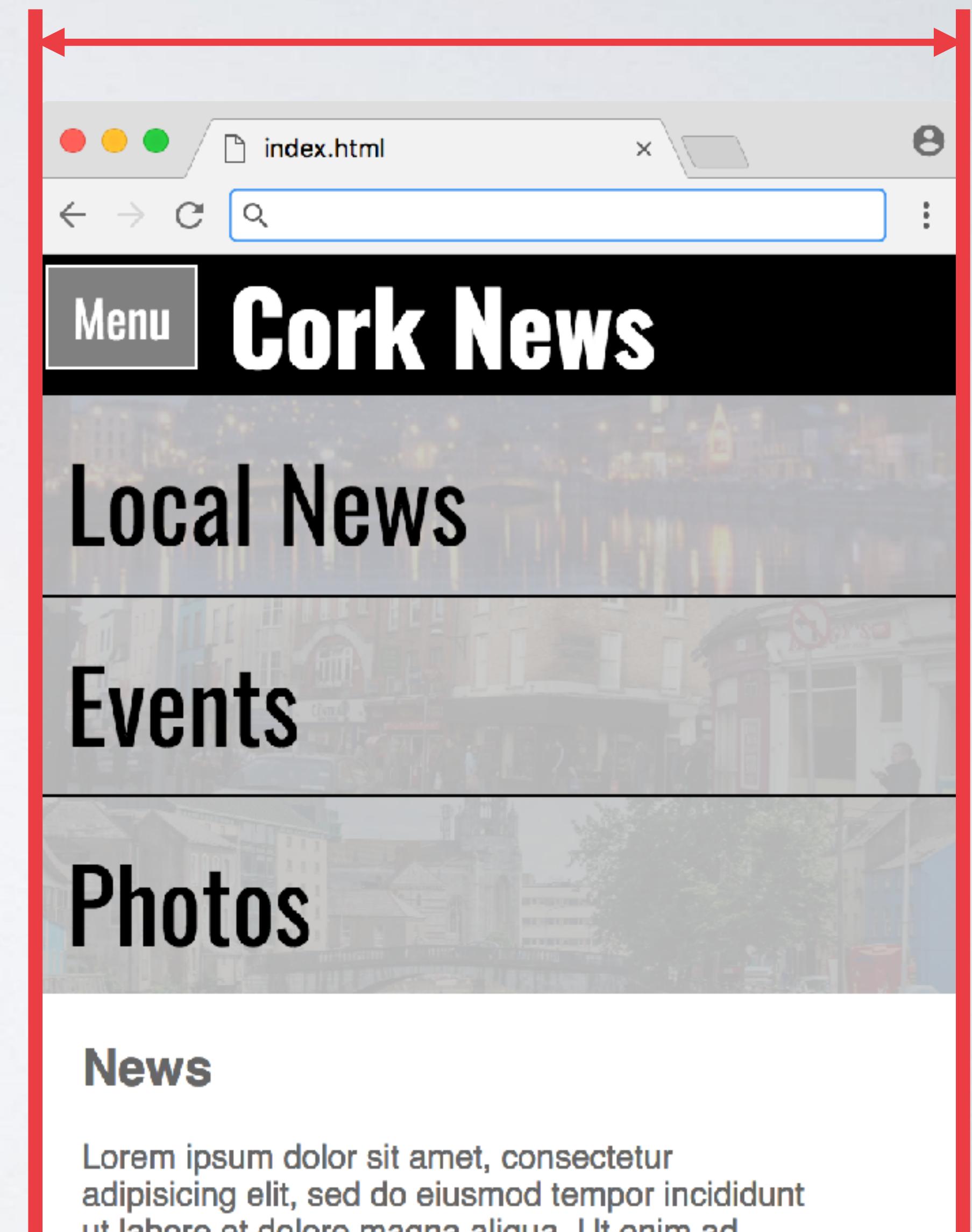


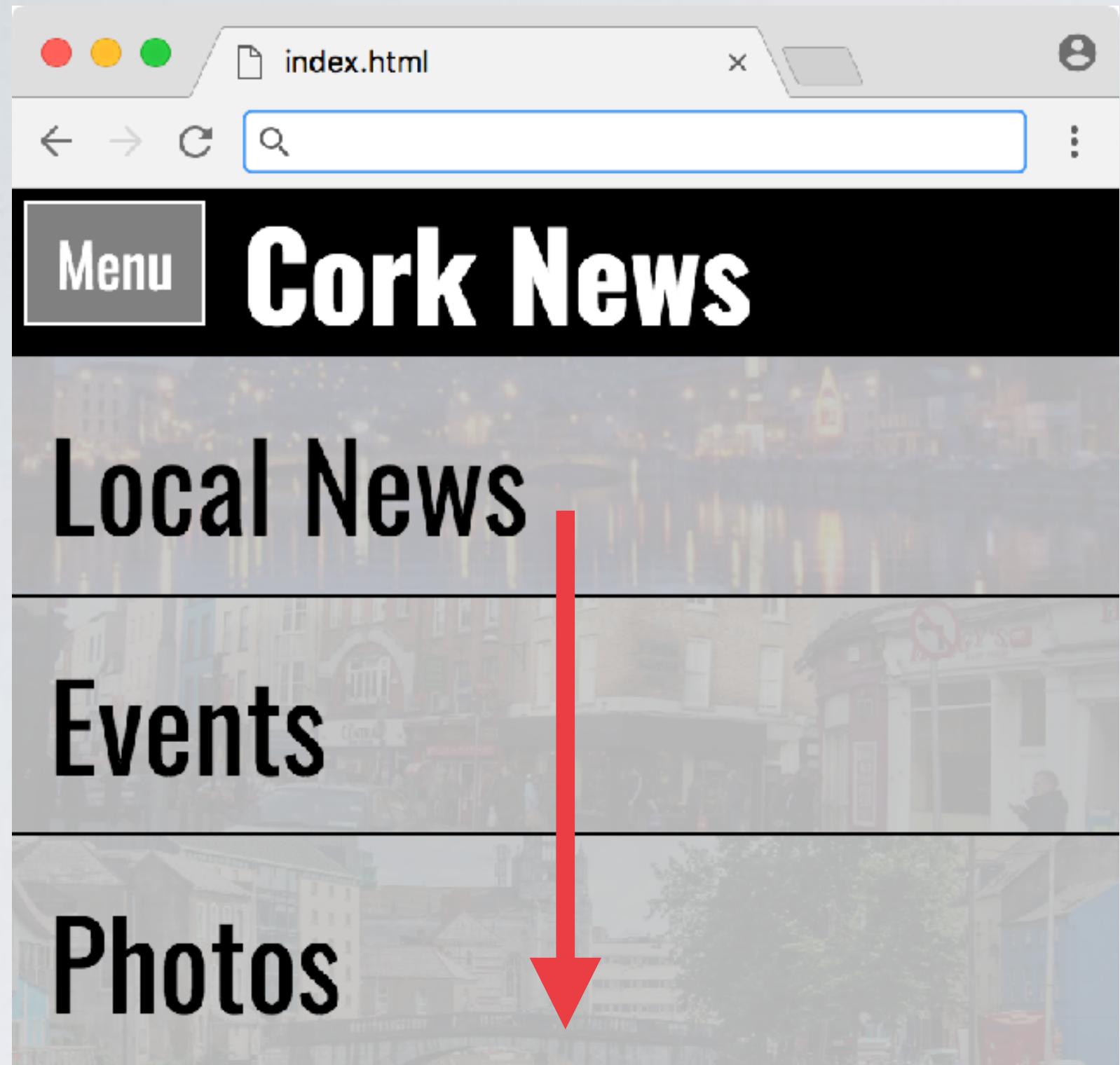
News

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The content part of this design should be full width.

100%





Large links in this menu are aligned horizontally.

Menu Cork News

Local News

Events

Photos

Large links have photographic background behind them.

Backgrounds have a coloured cast over them.
(grey in this example)



When you change the size of the viewport and these areas are enlarged (or shrunk), the most important part of the image should stay visible. (i.e. not just the top left corner).

See screencast for example.

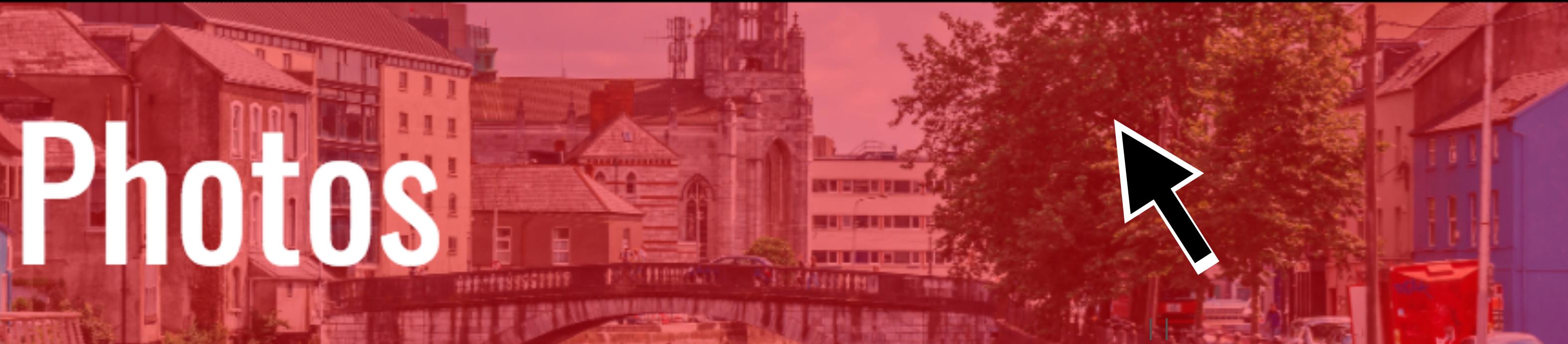


Menu

Cork News

Local News

Events



Photos



Moving the mouse over any part of this area (in any link) will change the colour of the cast, making the background easier to see.

Menu

Cork News

Local News

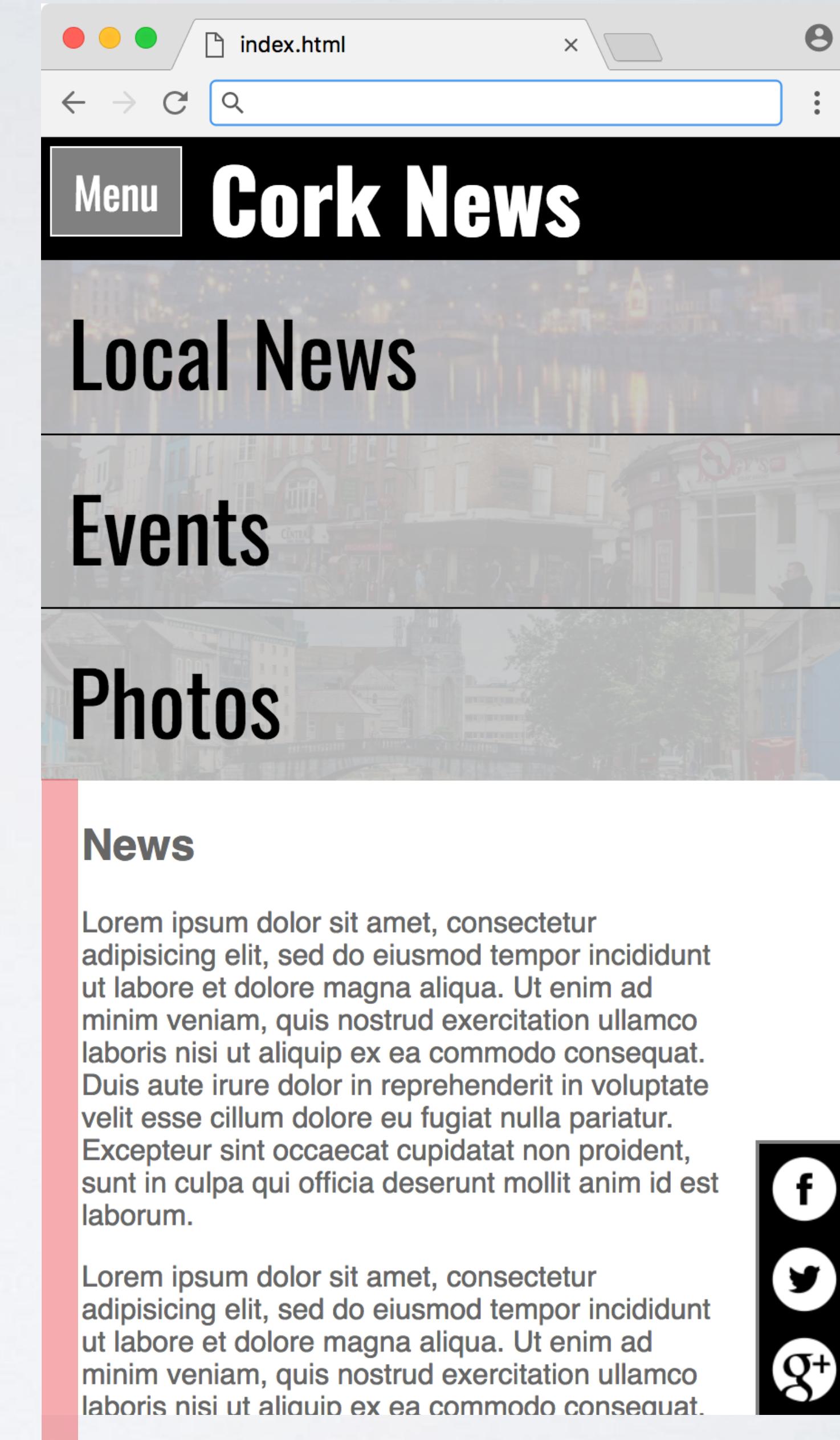
Events

Photos



Clicking on any part of these links will bring you to a new page. "Photos" is the only link that need bring you to an actual page (The second part of this assignment).

Have some guttering
between the text and
viewport edges.



Events

Photos

News

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Social media icons are shown vertically and are positioned in the bottom right-hand corner of the viewport.

Events

Photos

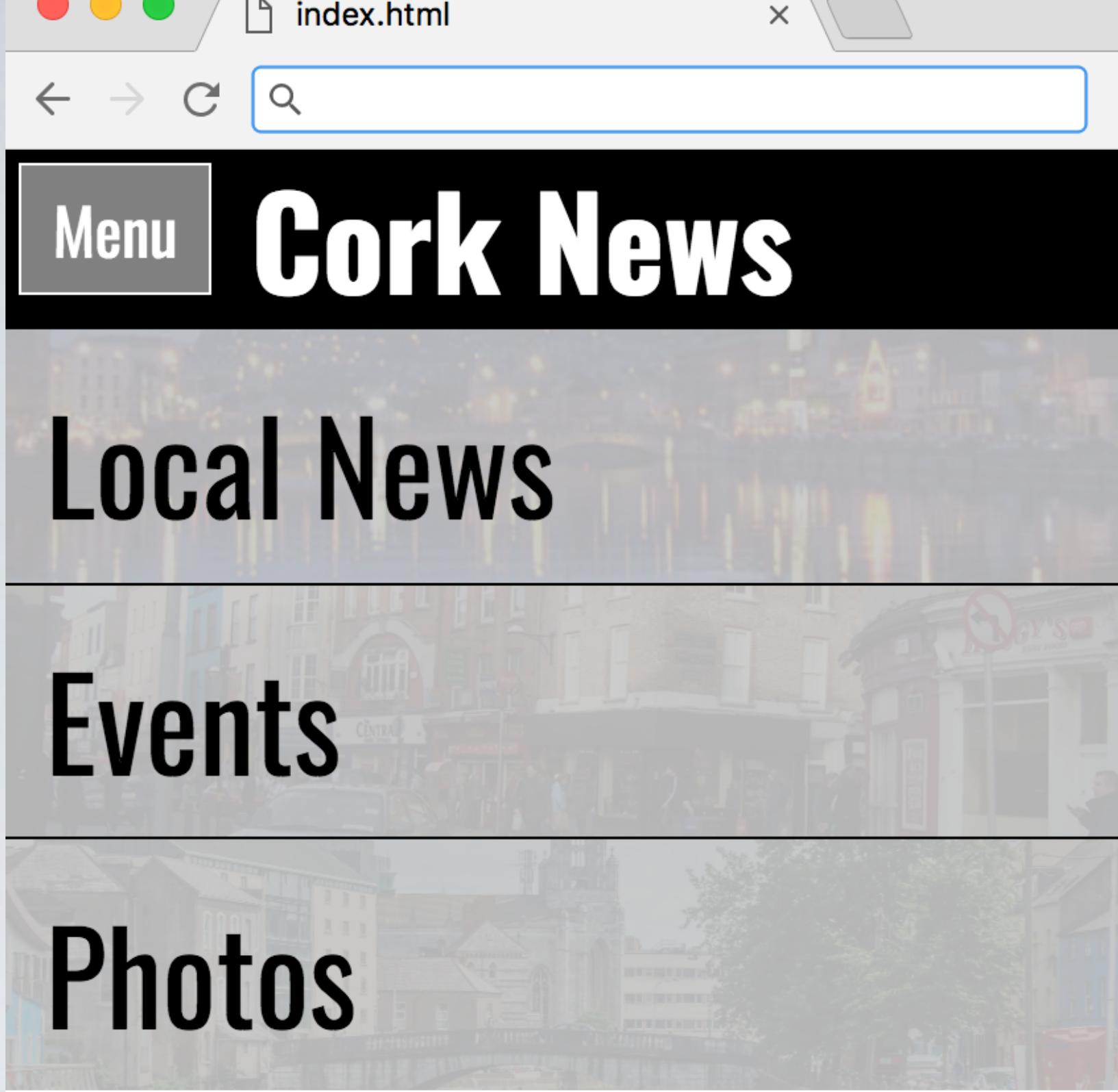
News

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Text must stay clear of
the social media icons.



You should only have
borders (1px) between
elements

News

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A screenshot of a news website titled "Cork News". The header features a "Menu" button and a search bar. Below the header is a banner with the text "Local News" over a background image of a city street. The main content area contains four sections: "Events" (over a background image of a city street), "Photos" (over a background image of a church), and "News" (with placeholder text). At the bottom is a footer with social media icons for Facebook, Twitter, and Google+.

index.html

Menu Cork News

Local News

Events

Photos

News

Placeholder text for the News section:

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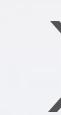
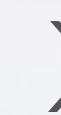
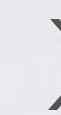
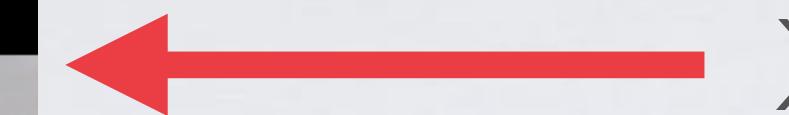
Placeholder text for another section:

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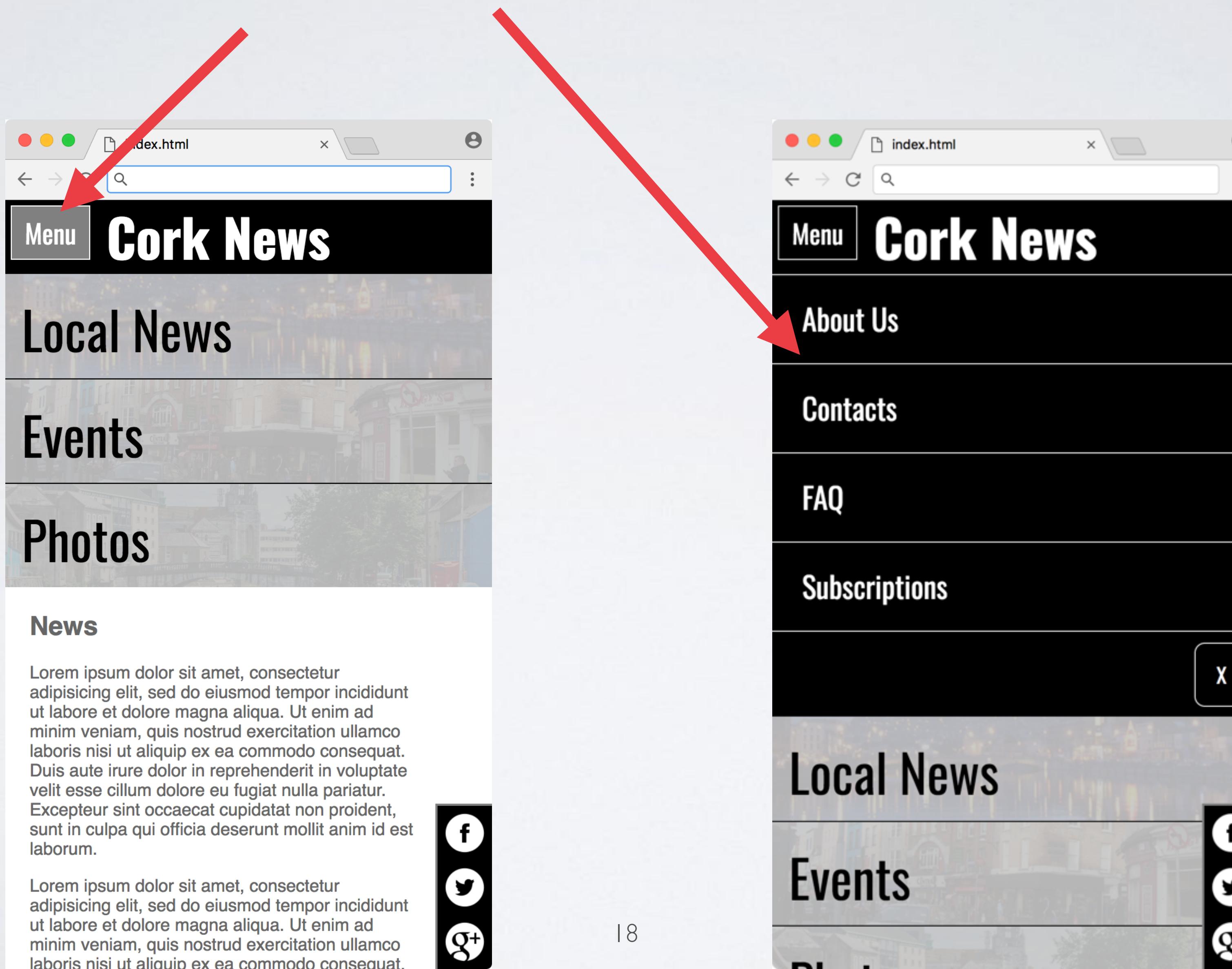
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Q+

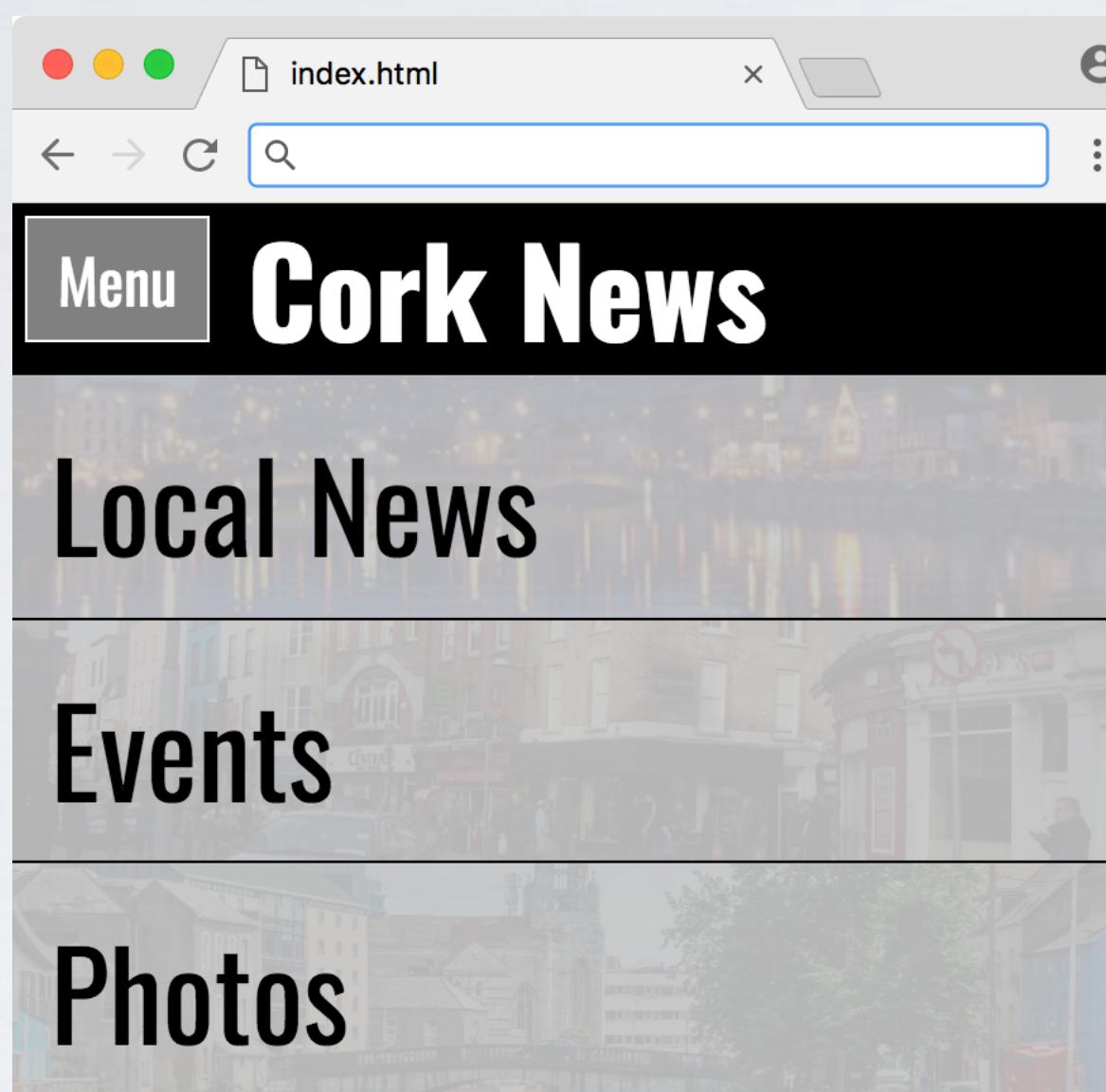


.... and not at the ends

Clicking on the button should show the sub menu



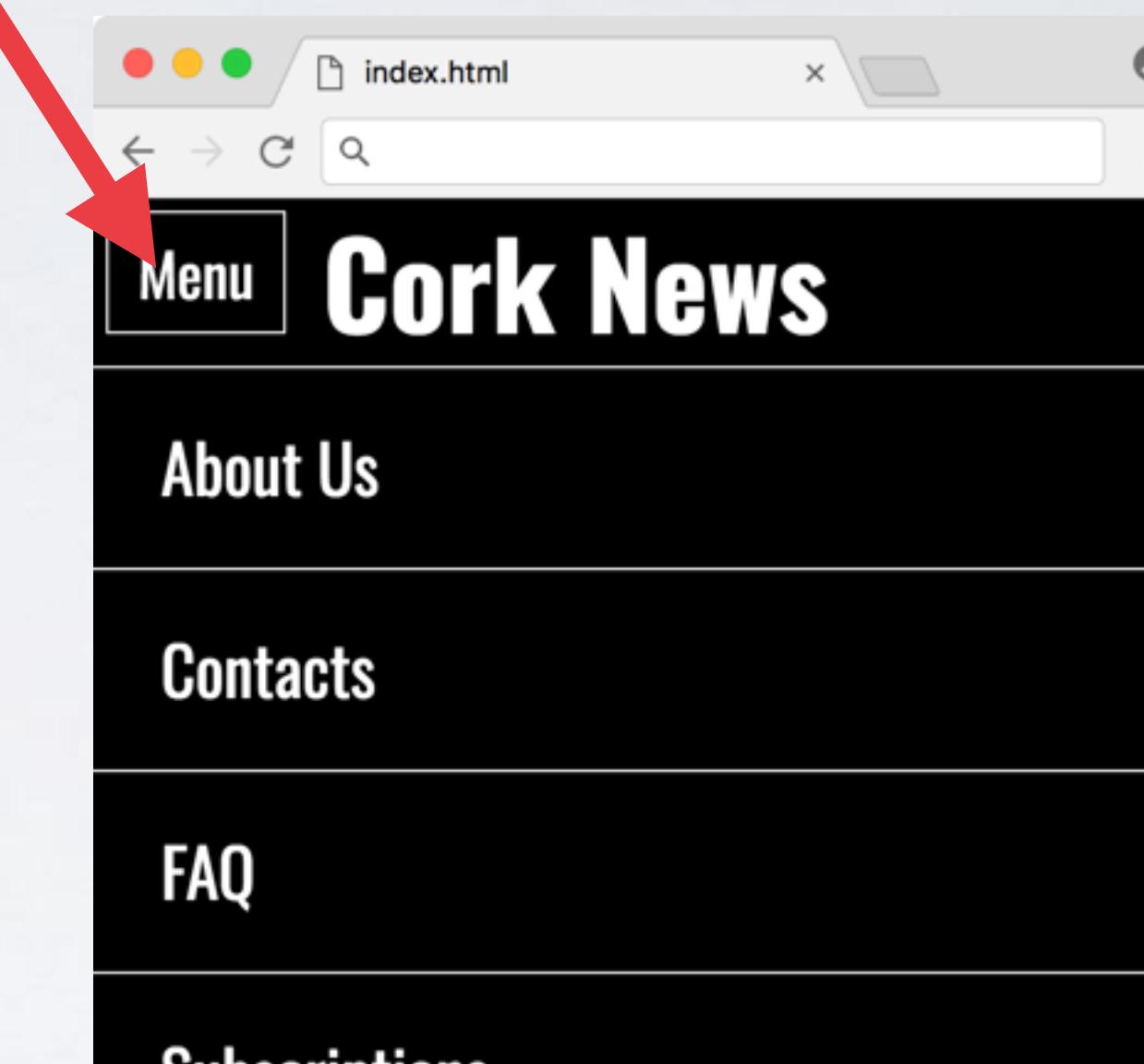
The button should change colour when the menu is open



News

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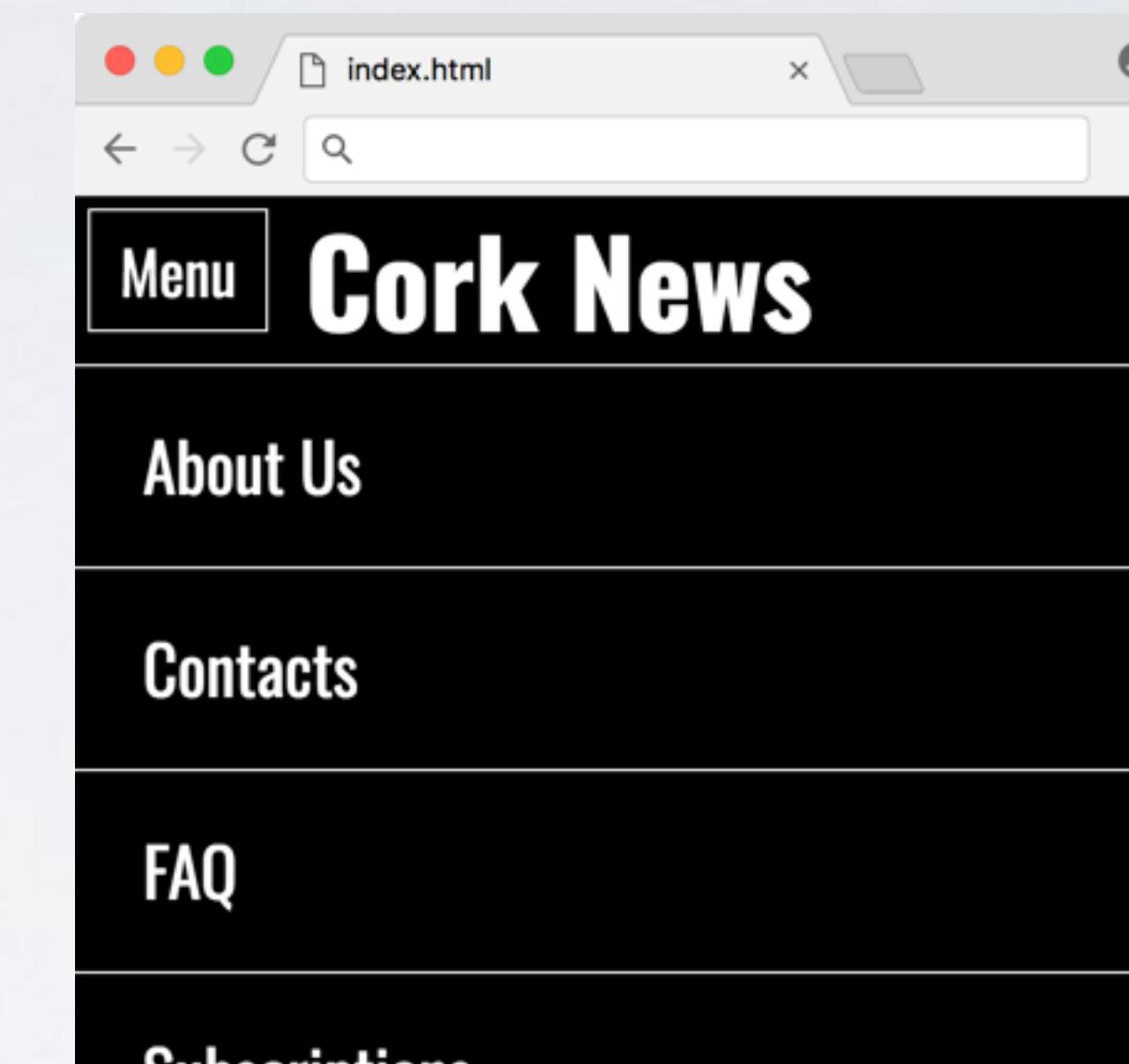
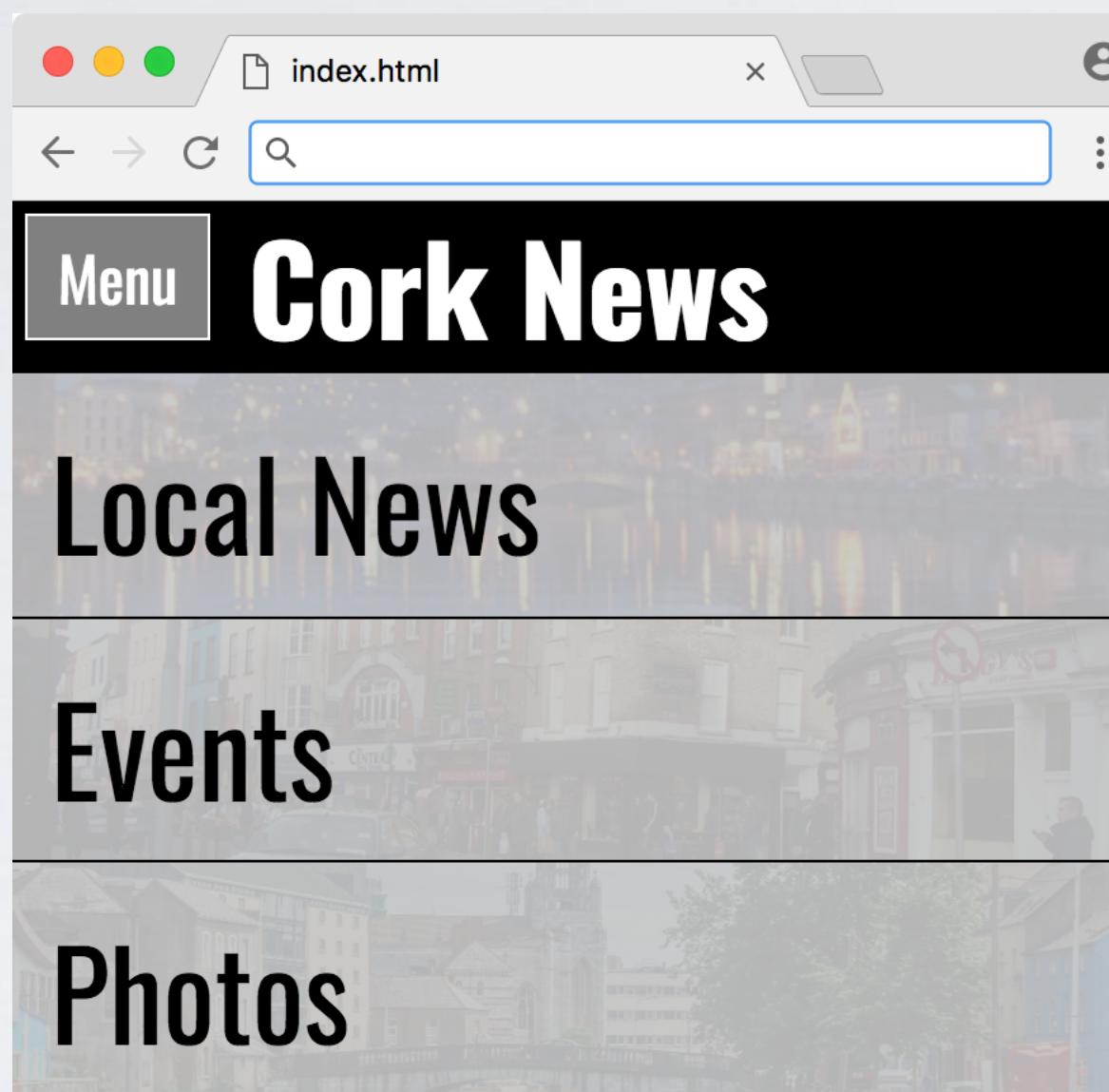


Local News

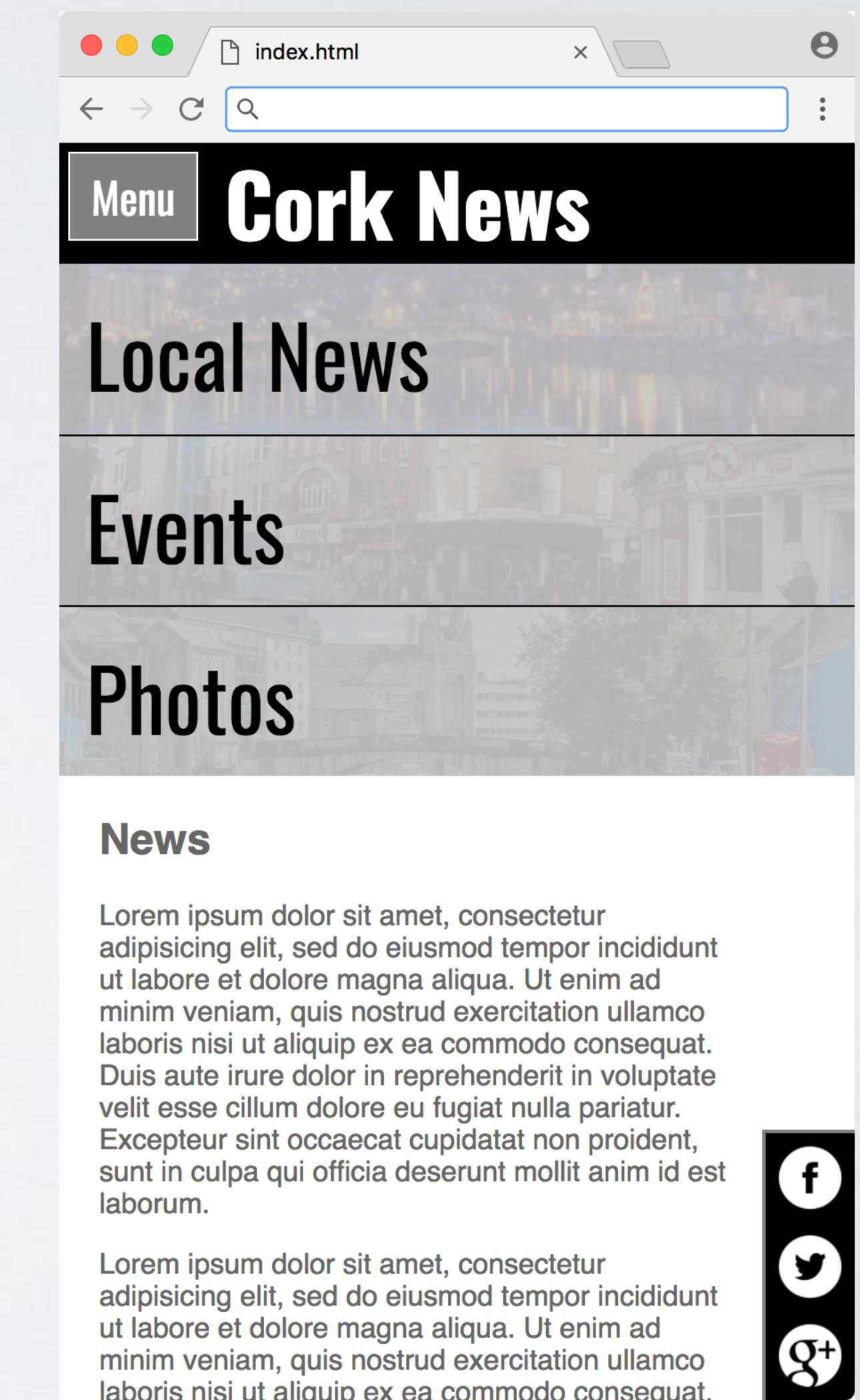
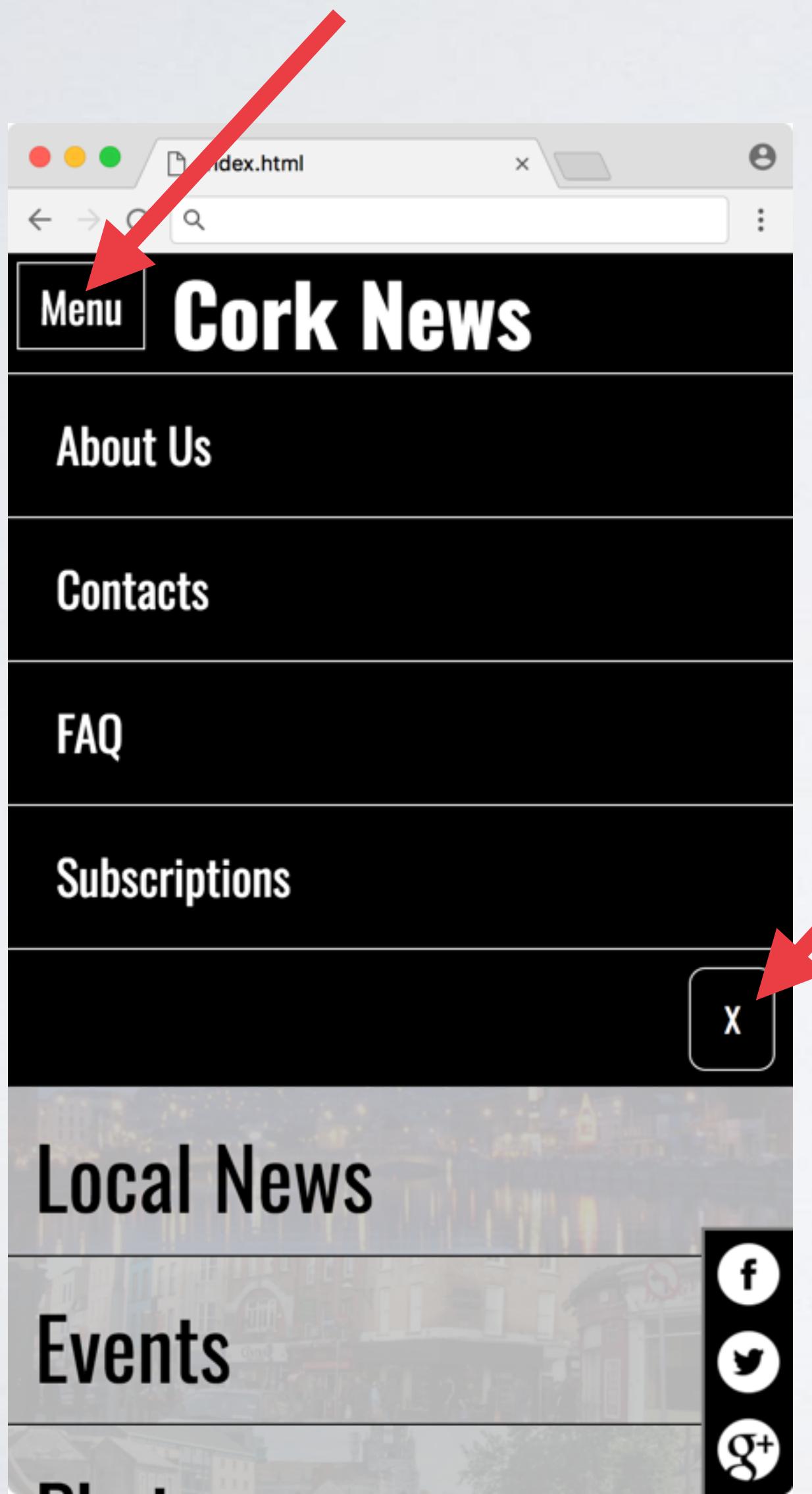
Events

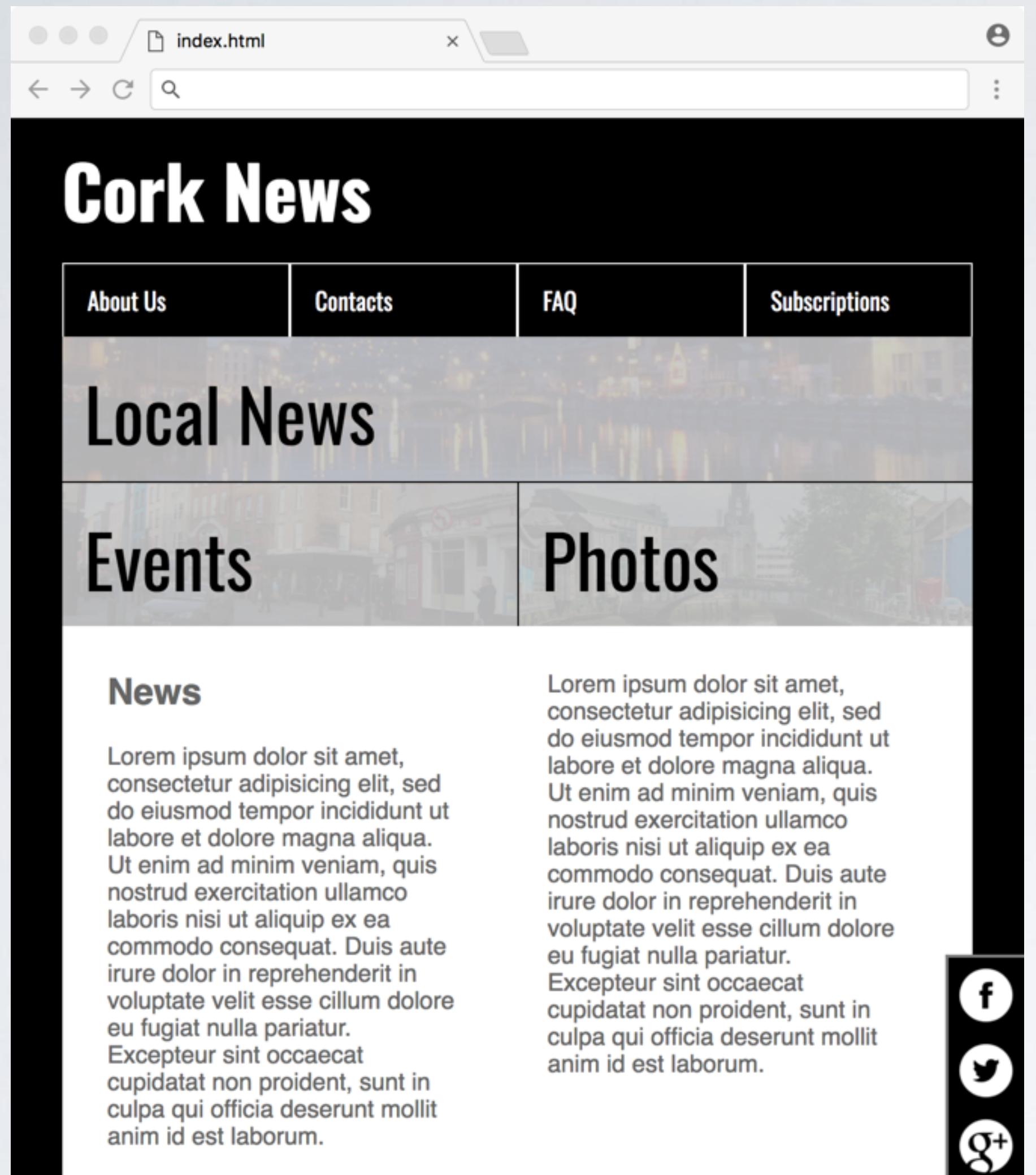


The menu pushes down the other content. It is not overlaid on top of it.



Clicking on the menu or close button ("X") hides the menu.

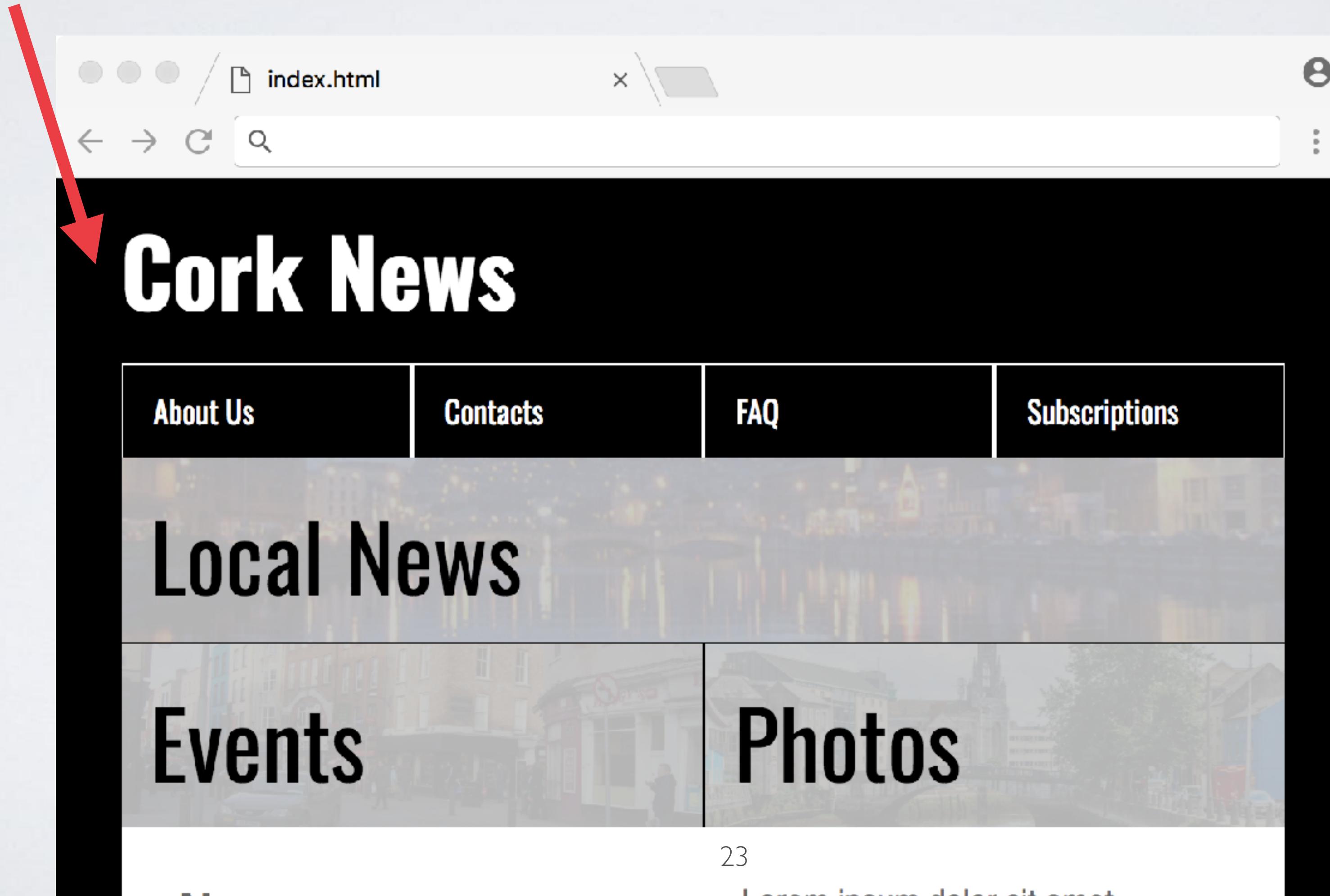




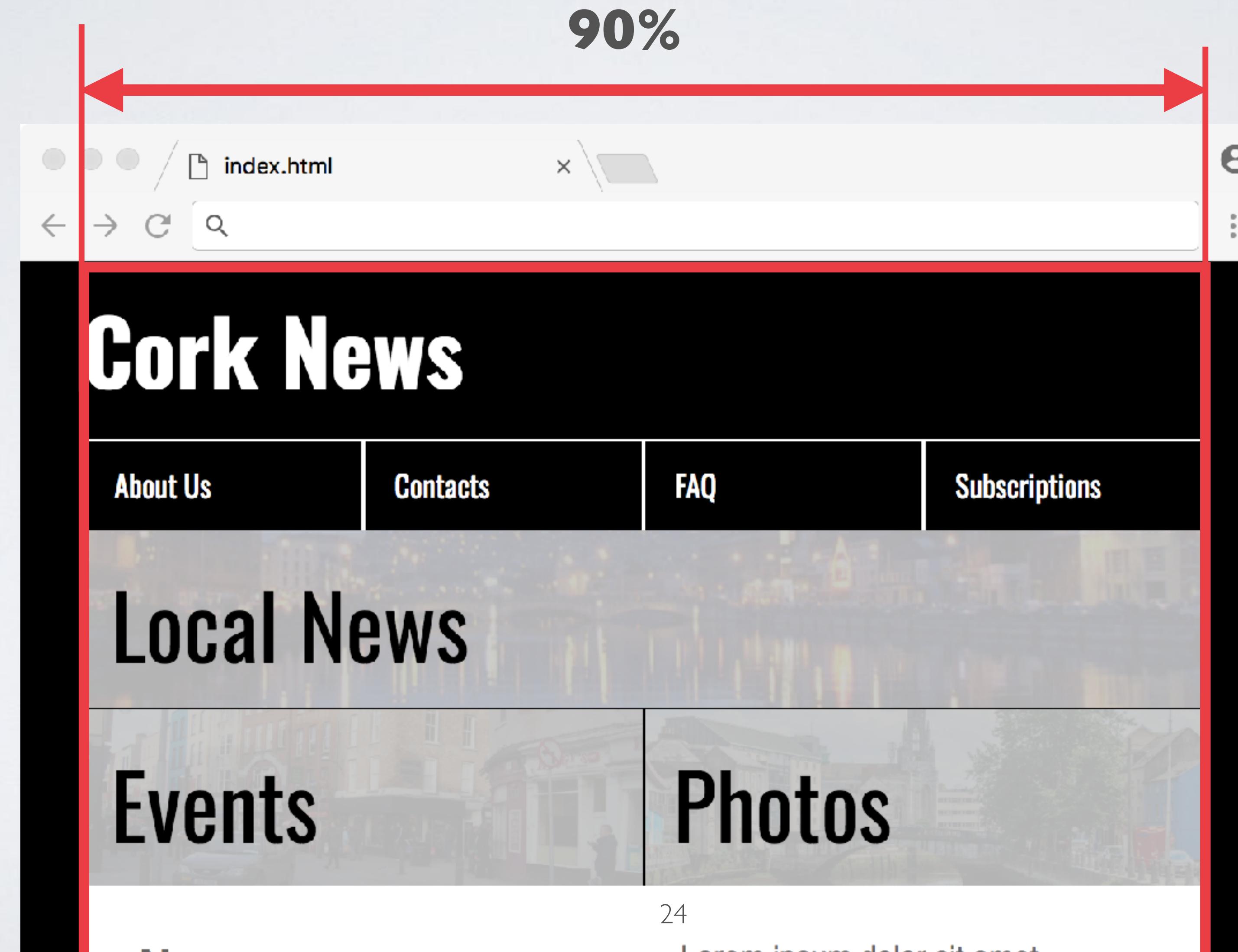
Breakpoint: 600px

For viewports 600 pixels and wider you should make the following changes.

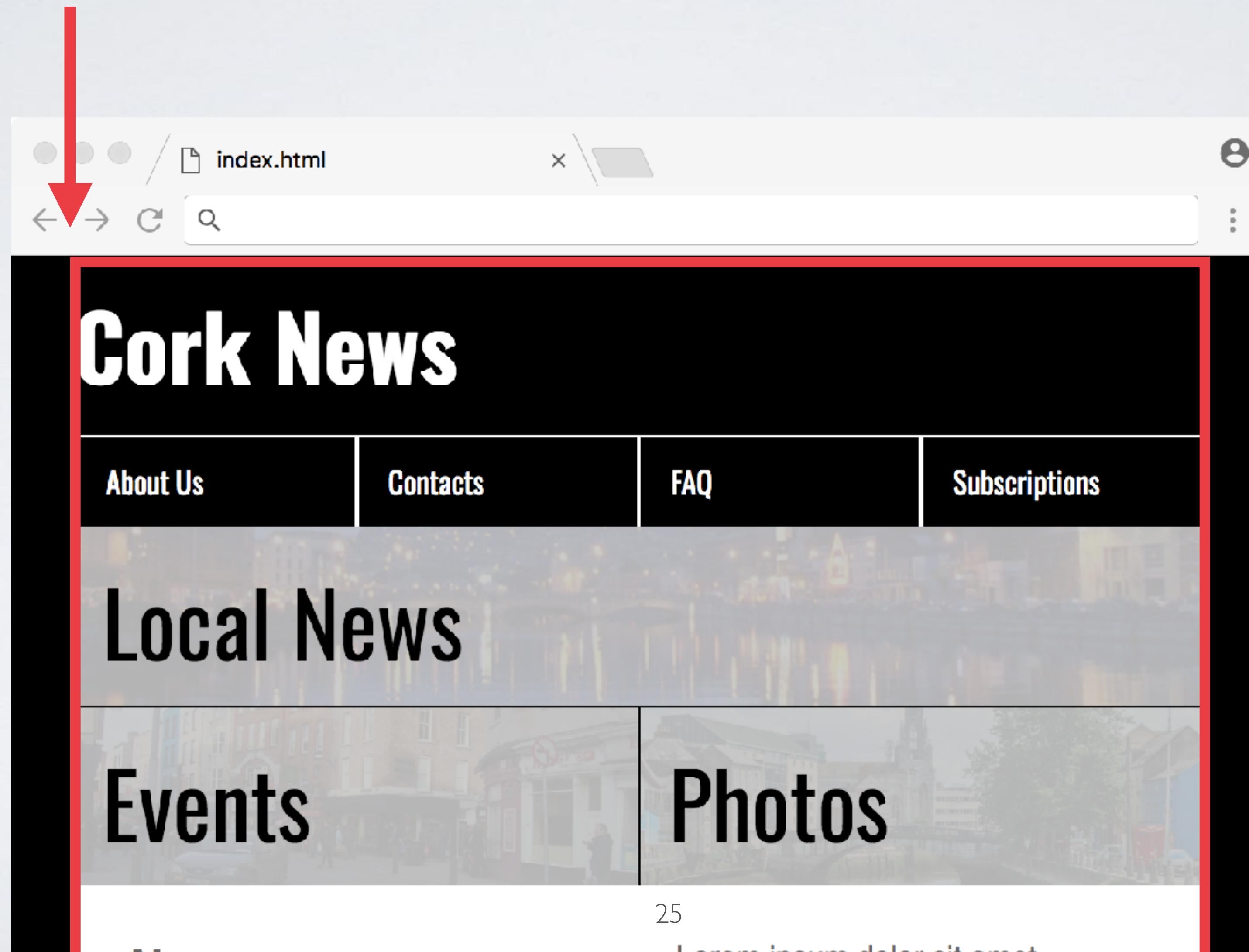
Menu button is removed.



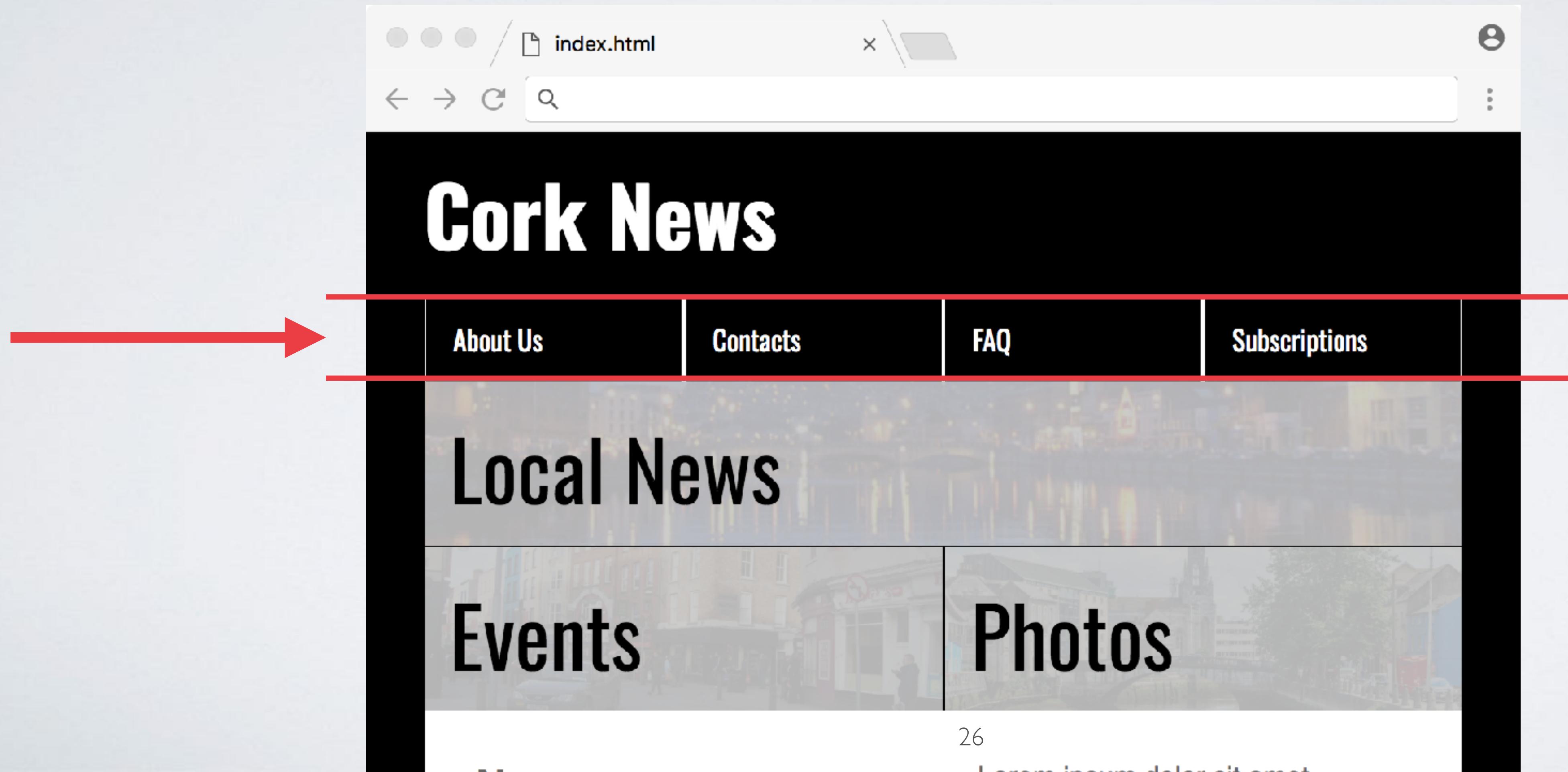
Content area is centred and 90% the width of the viewport.



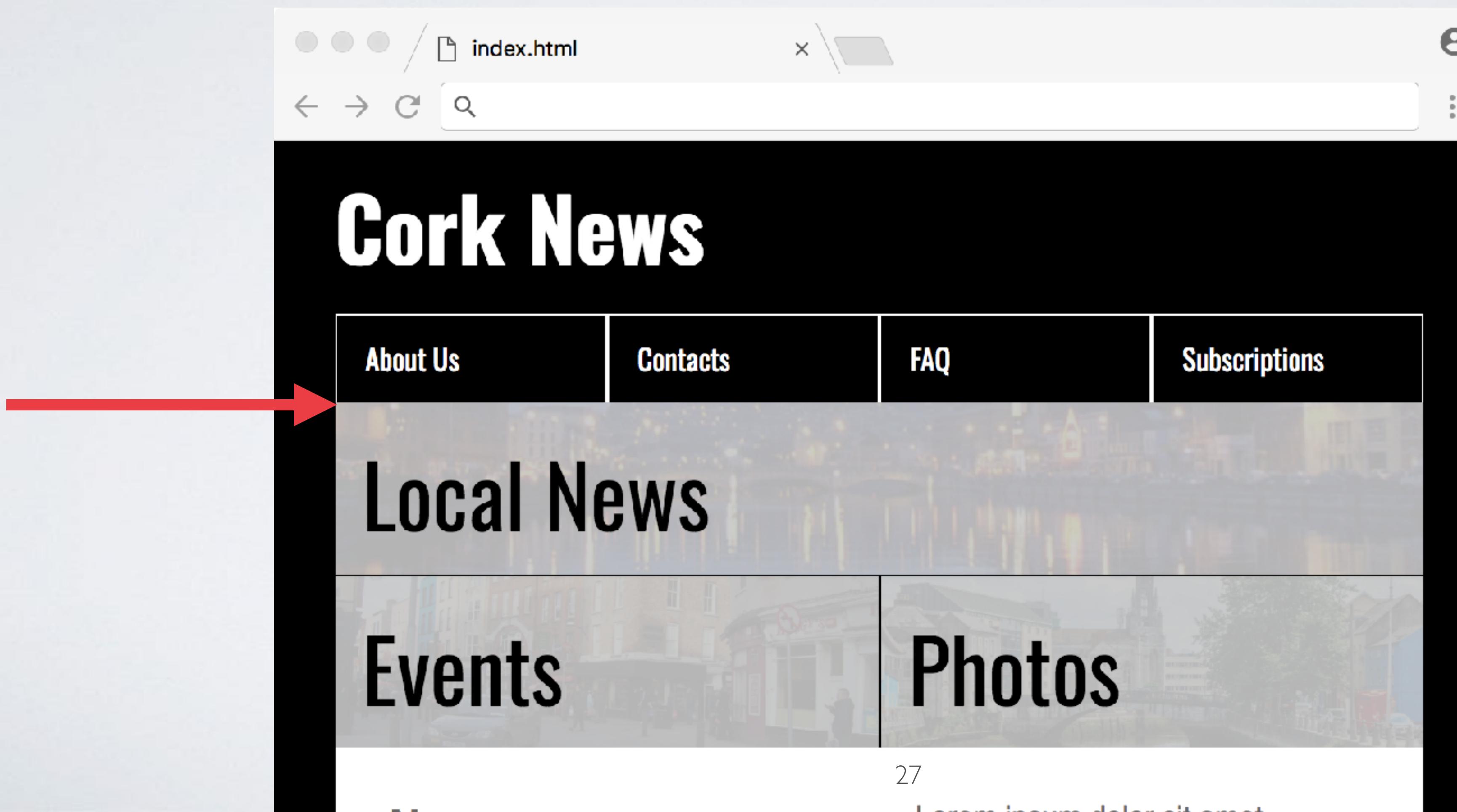
Title is aligned with content area.



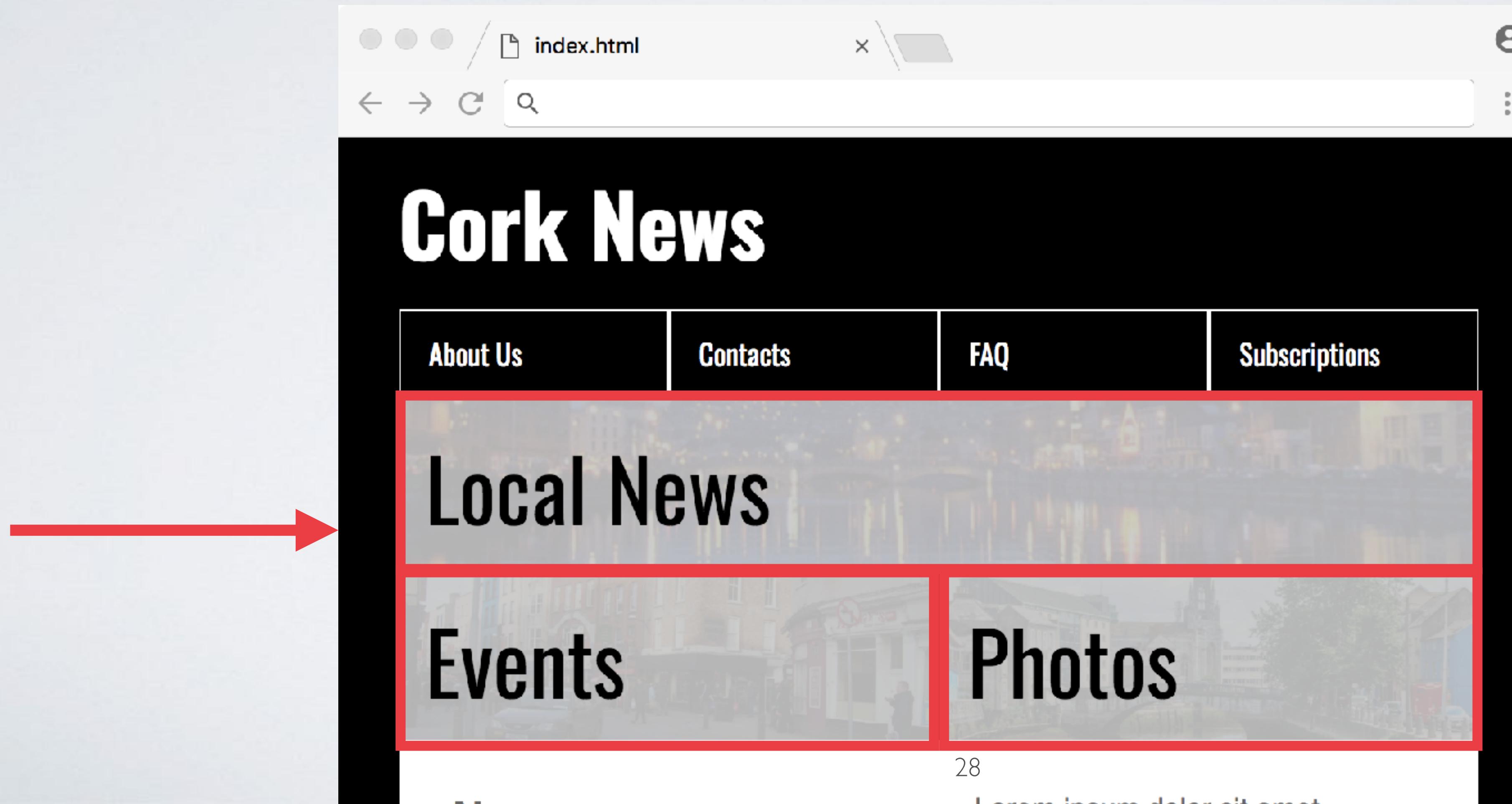
Menu is onscreen permanently and is horizontal. Each link is the same width.



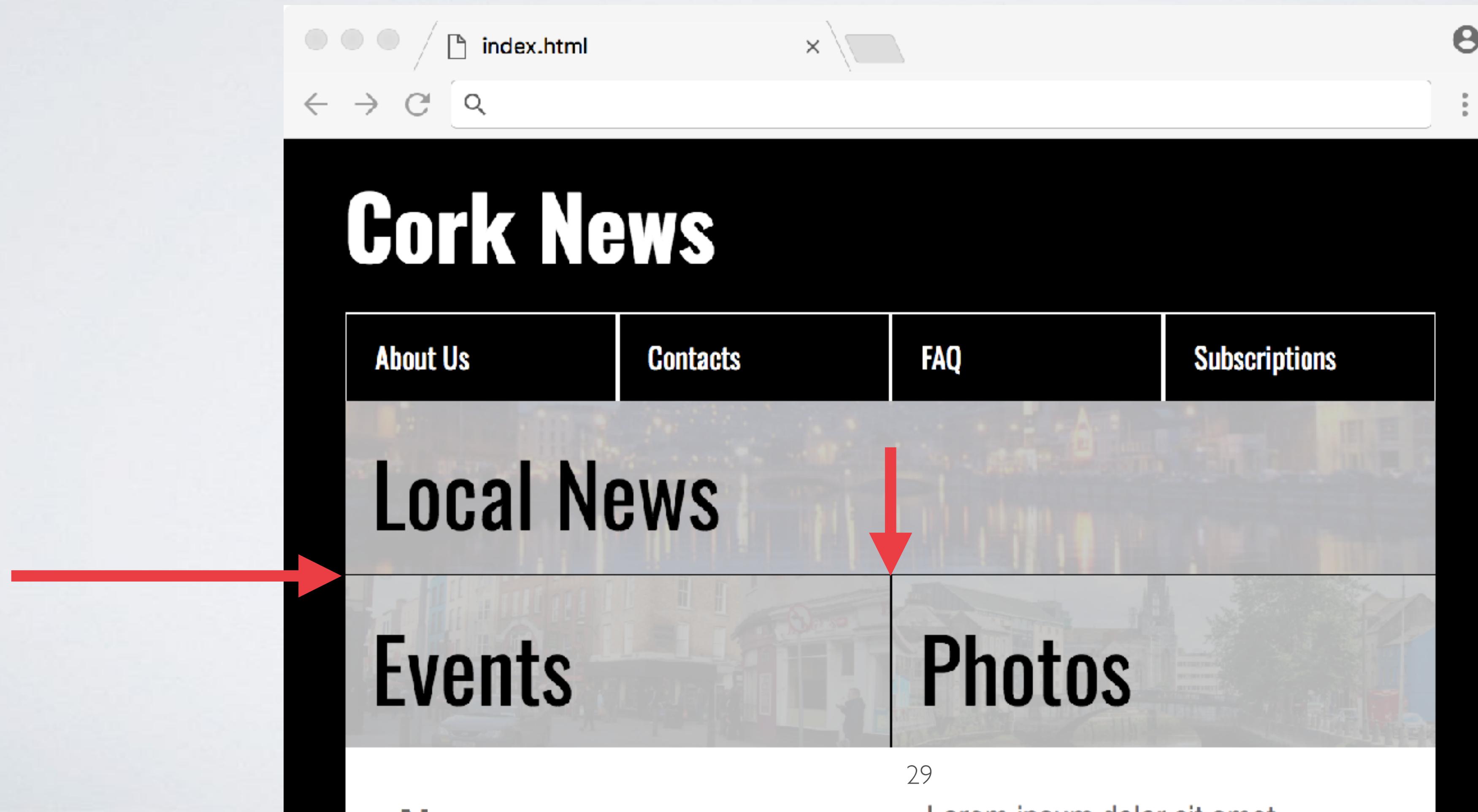
There is no border at the bottom of these menu items.



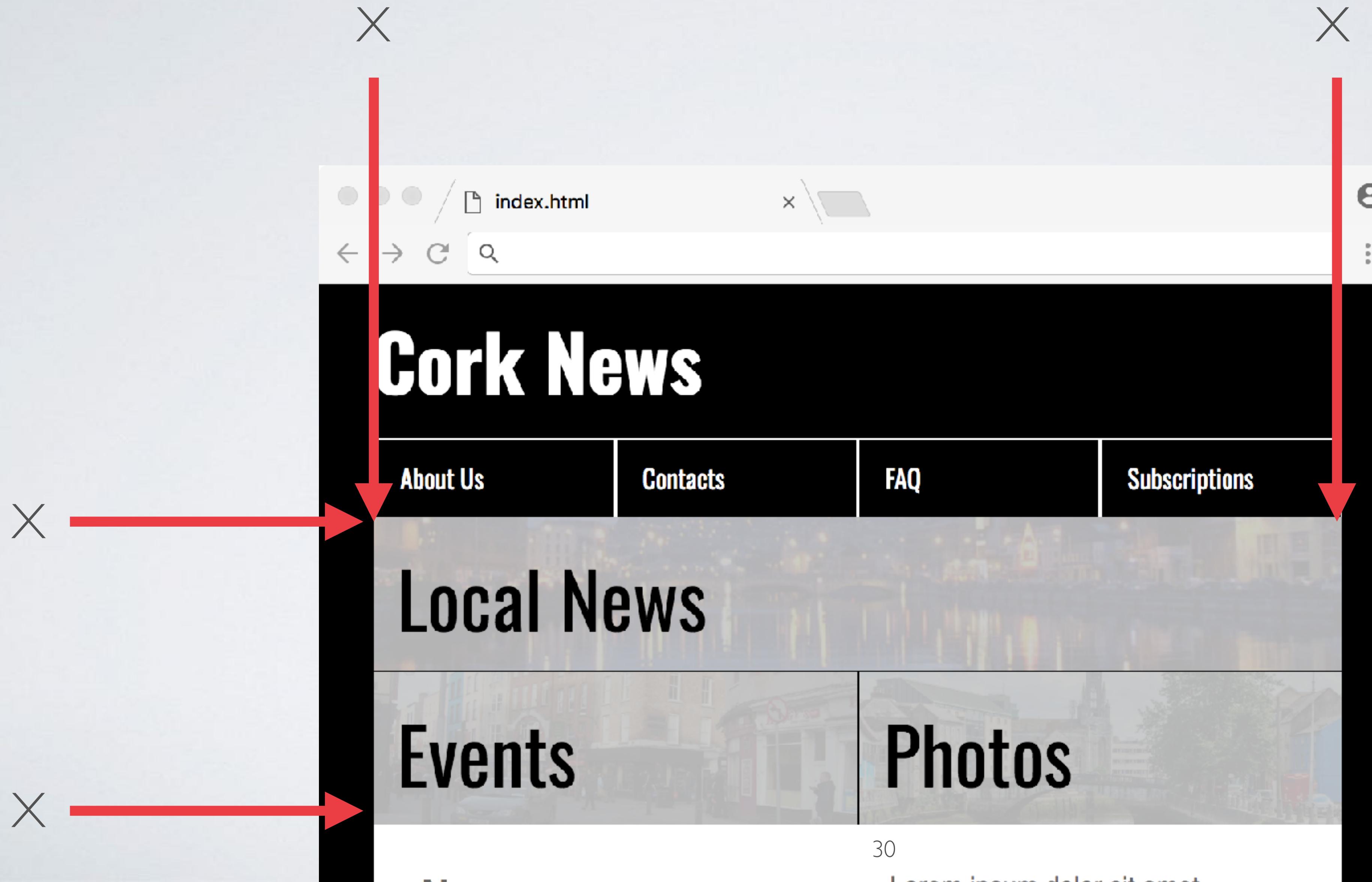
Larger links are aligned as shown (two rows, with 2 links in the bottom row).



As before, only draw borders (1px) between links ...



... and not at the edges.



The text is now in 2 columns.

Via CSS: column-count

Breakpoint: 800px

The screenshot shows a web browser window with the title bar "index.html". The main content area displays a news website titled "Cork News". At the top right, there are social media icons for Facebook, Twitter, and Google+. Below the title is a navigation bar with four items: "About Us", "Contacts", "FAQ", and "Subscriptions". Underneath the navigation bar is a banner with three categories: "Local News", "Events", and "Photos", each accompanied by a small thumbnail image of a city street.

News

Local News

Events

Photos

About Us

Contacts

FAQ

Subscriptions

Cork News

f **t** **g+**

Local News

Events

Photos

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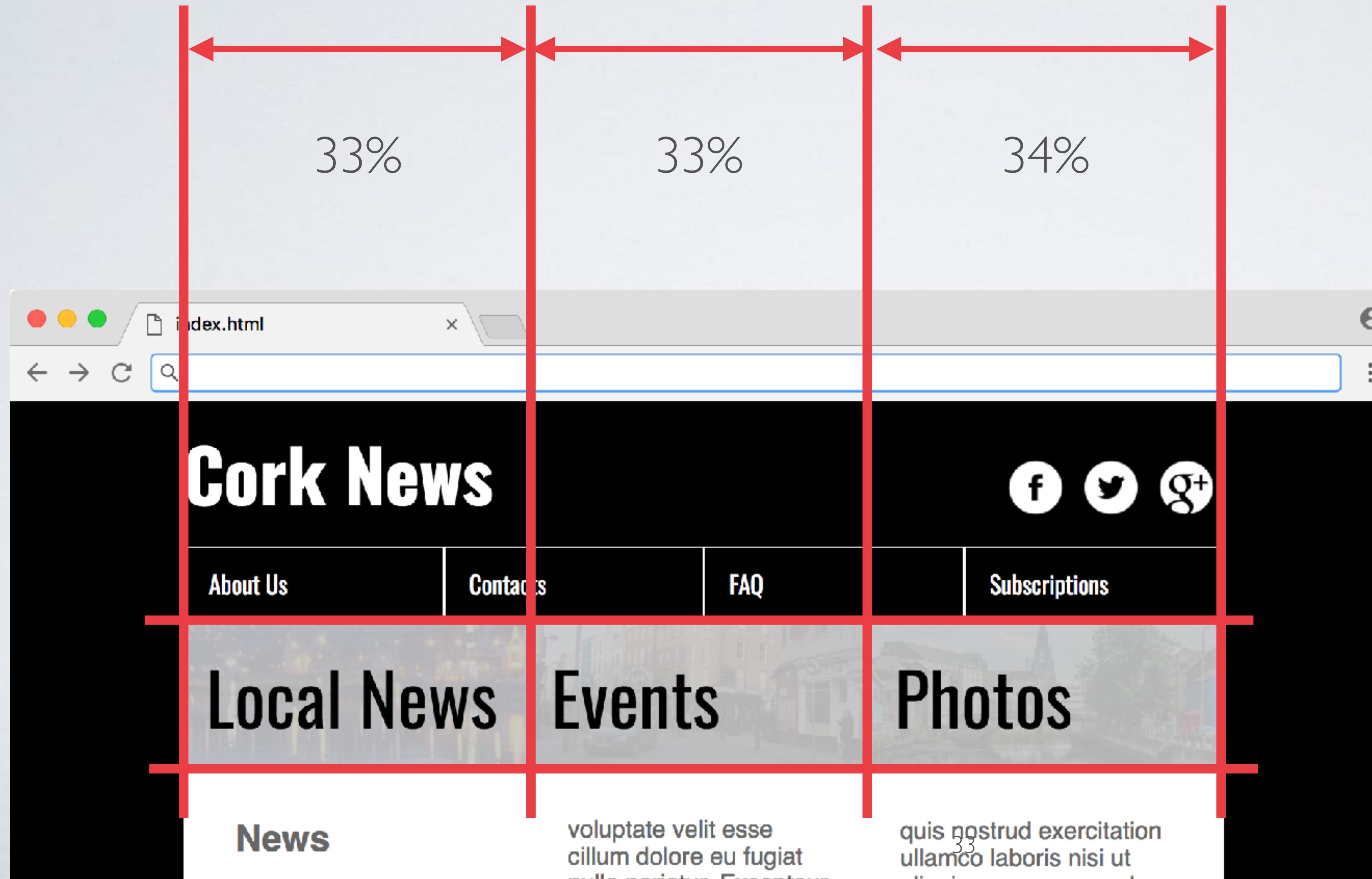
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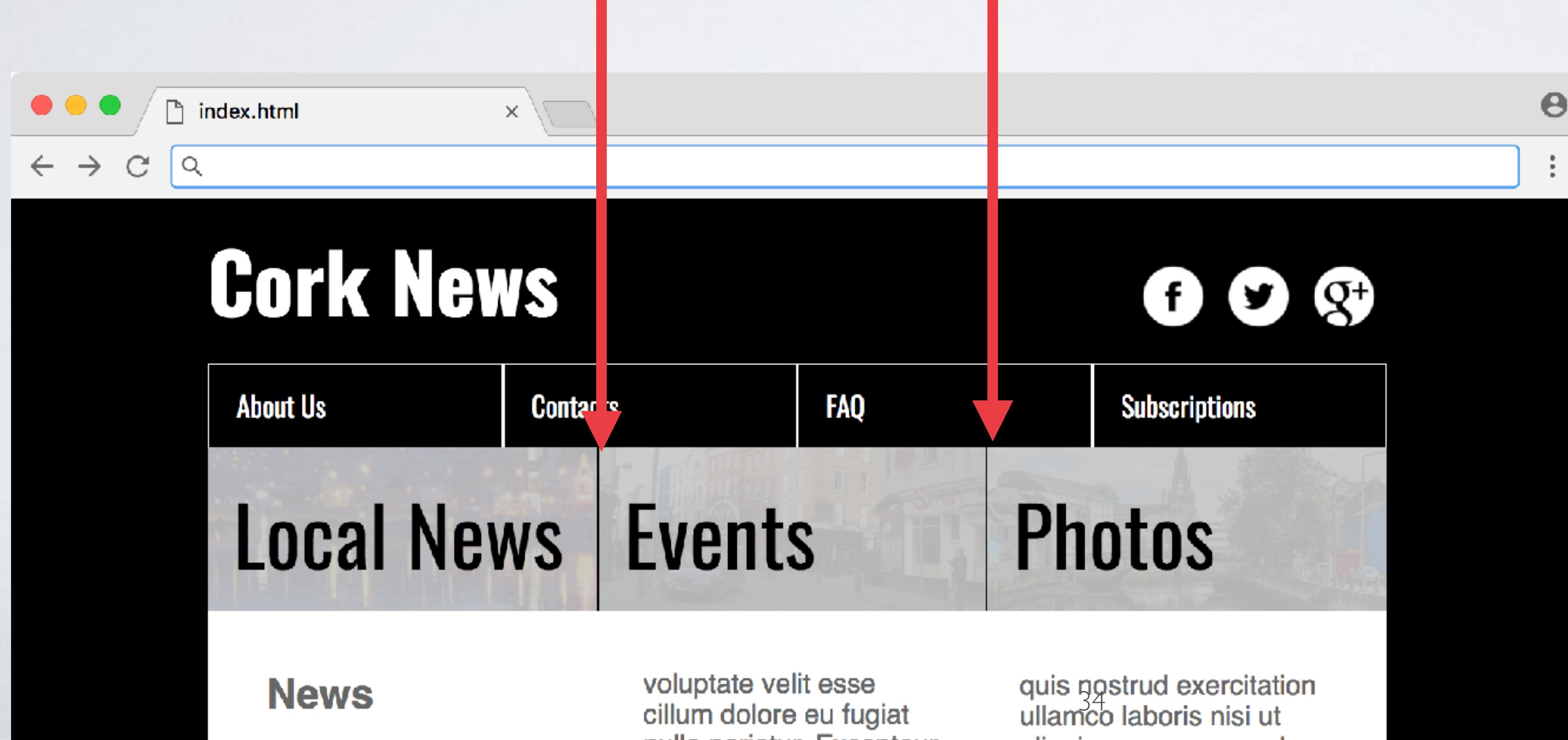
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For viewports 800 pixels and wider you should make the following changes.

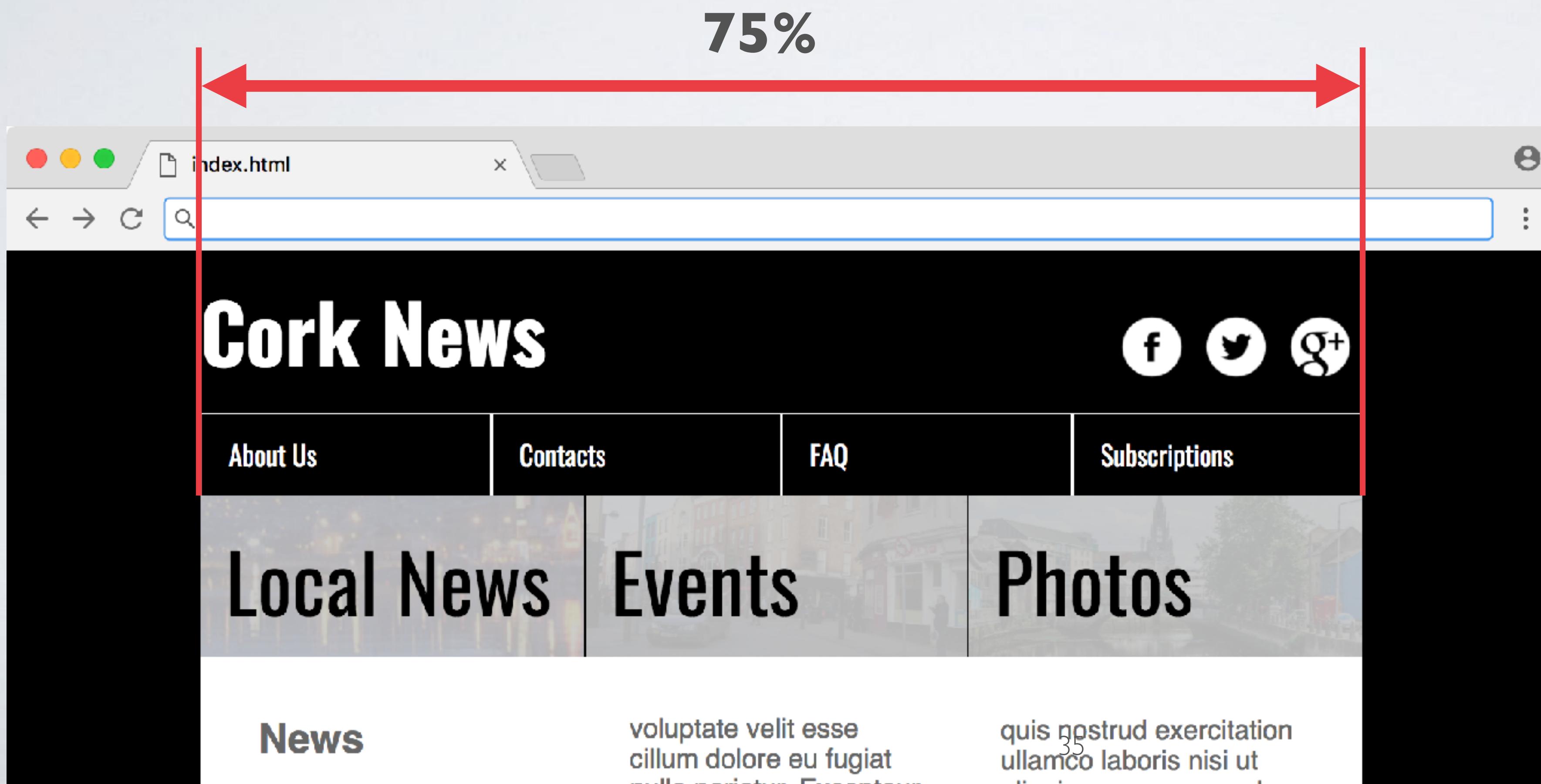
Larger links are horizontal and the same width.

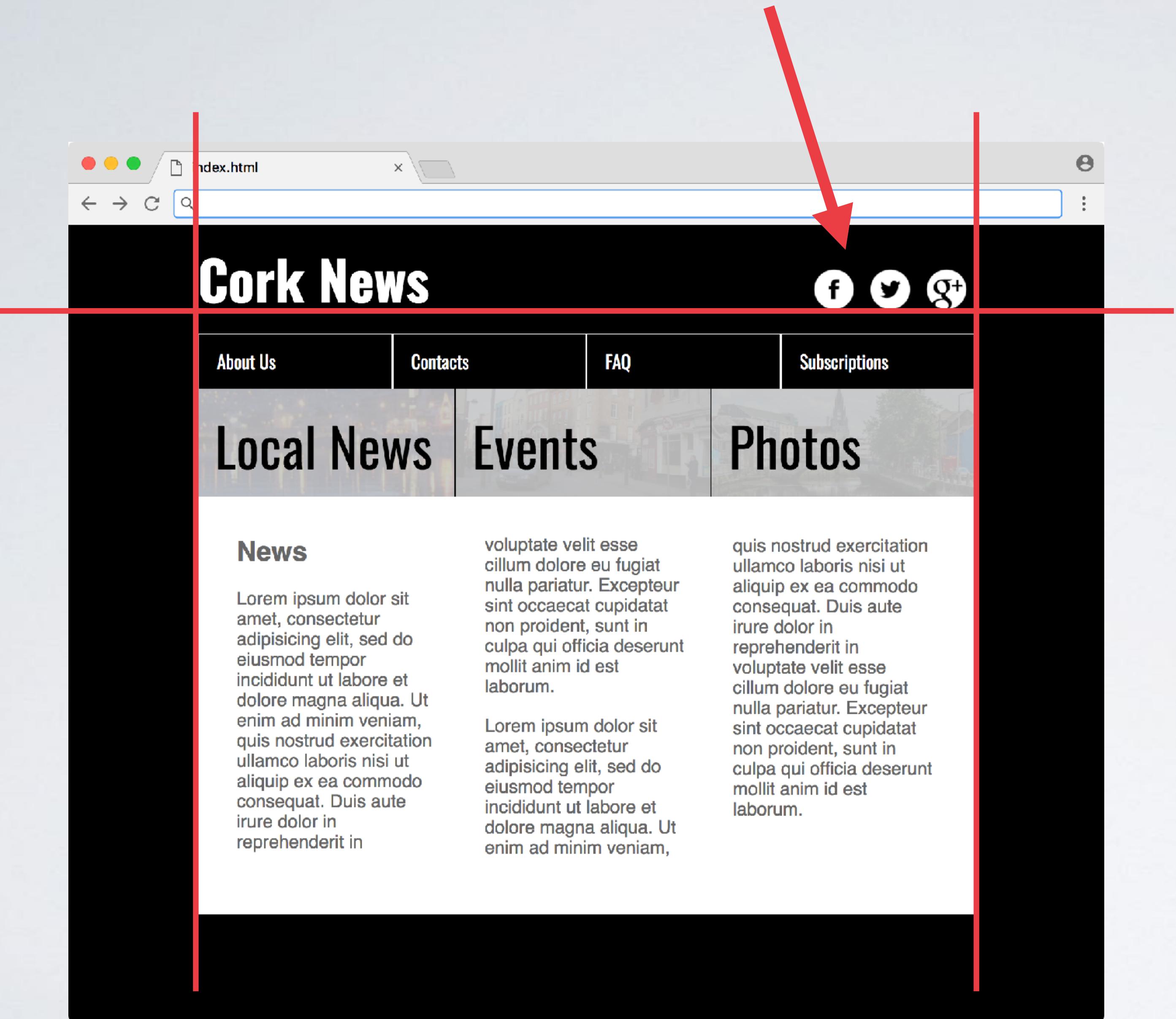


Again, only draw borders between links.



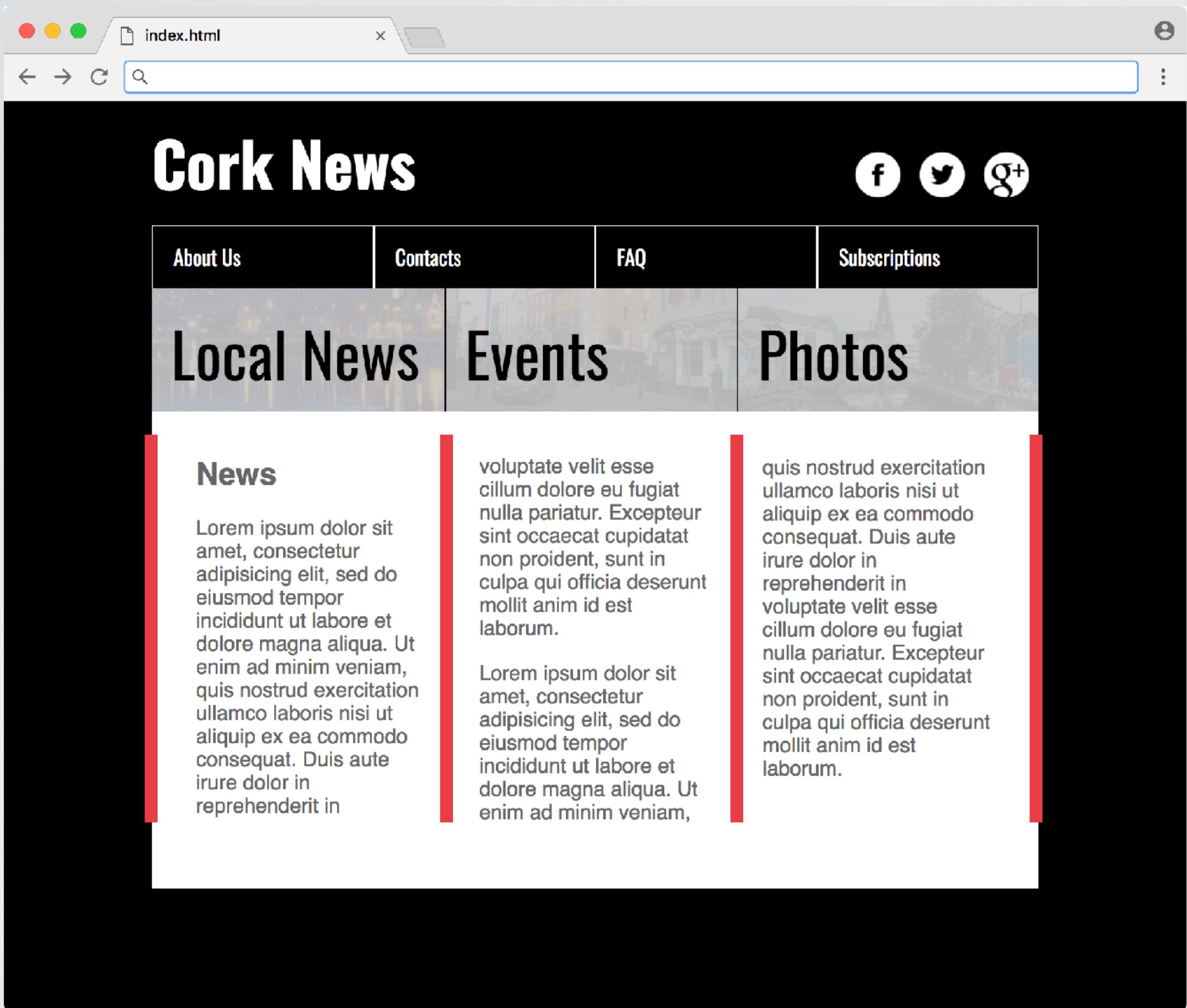
Content area is centred and 75% the width of the viewport.





Social media icons are horizontal and line up with the heading and main content area.

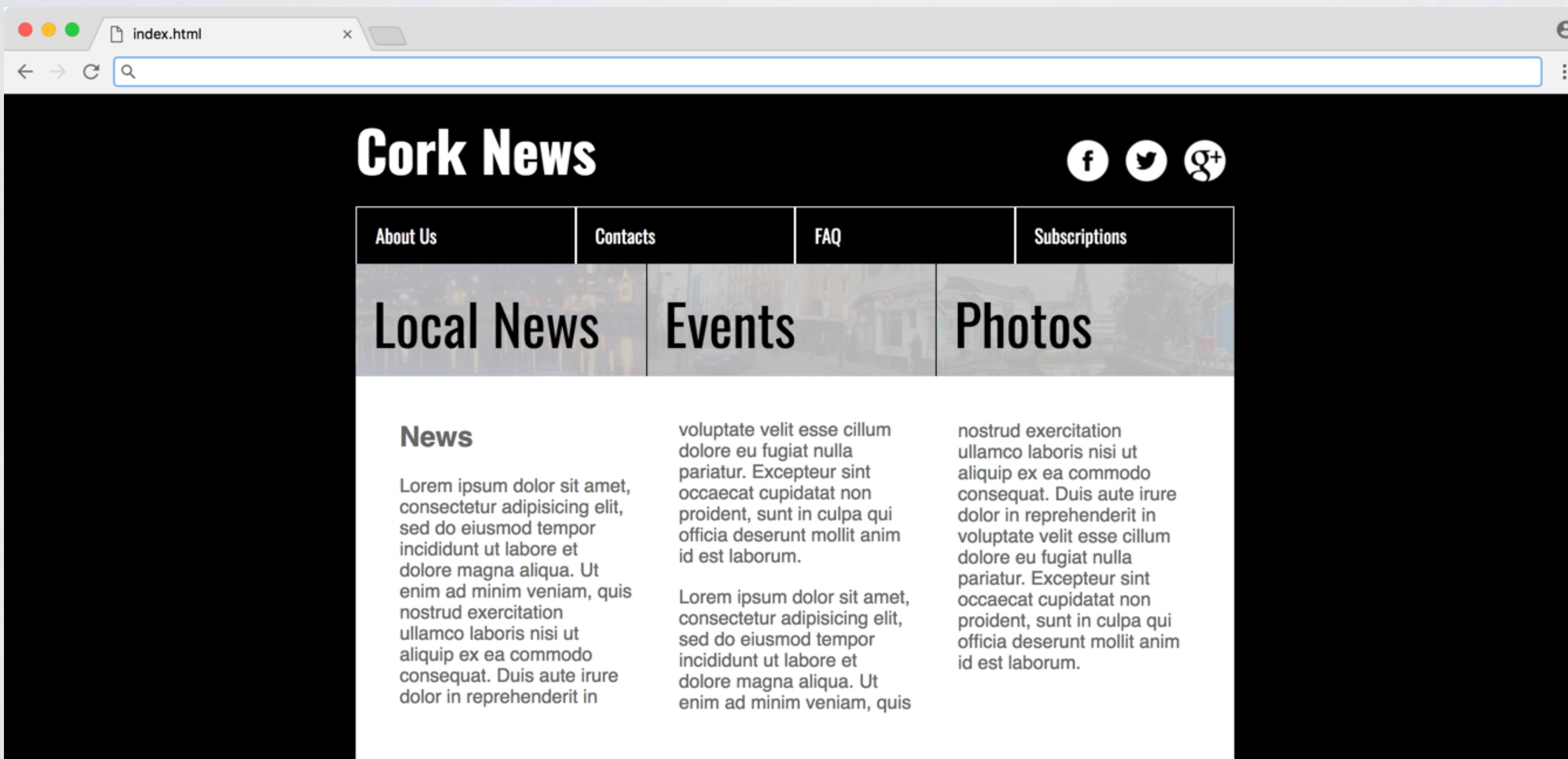
(They scroll with the contents of the page.)



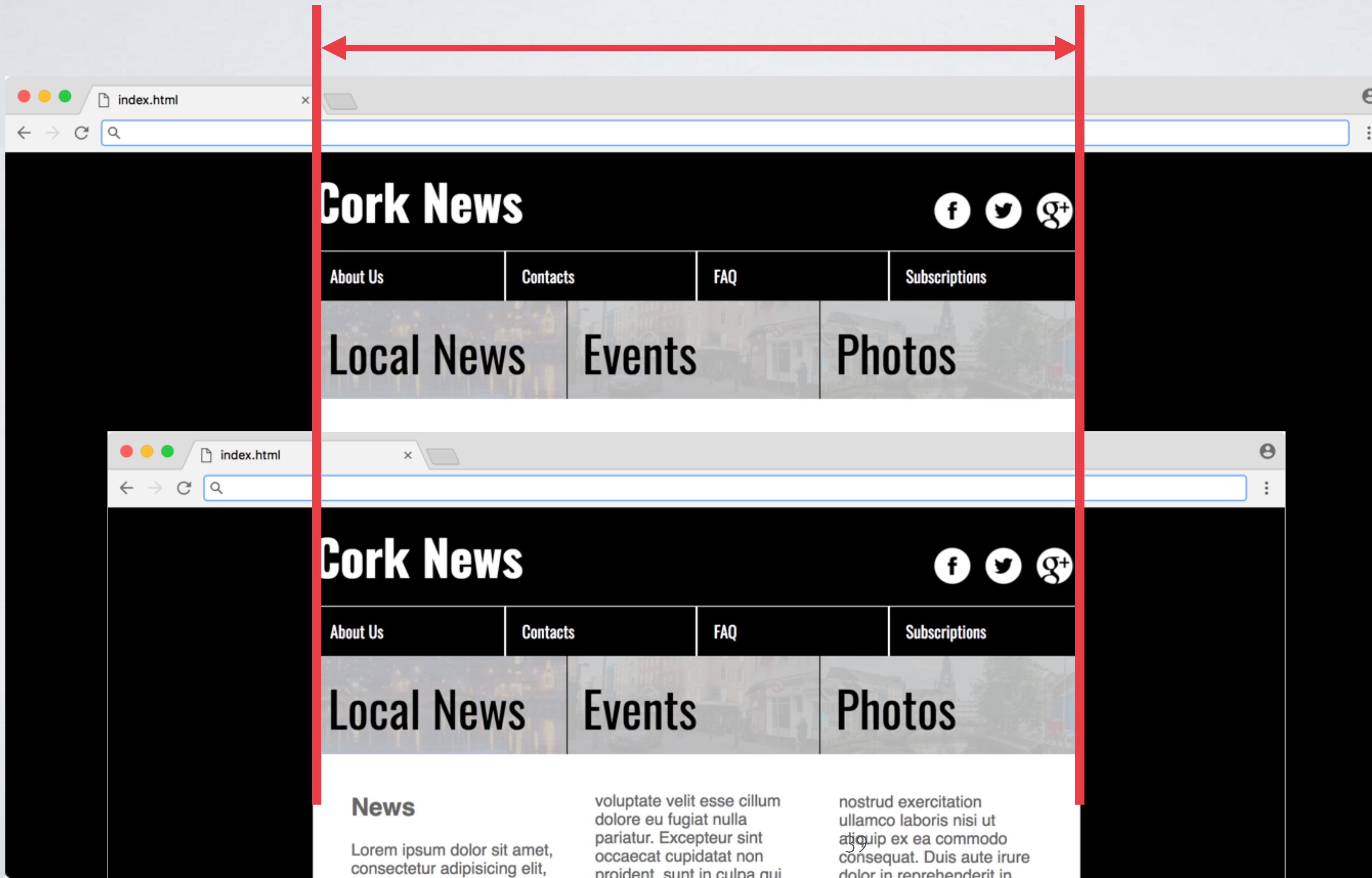
Text is now in 3 Columns

Breakpoint: 1000px

For viewports 1000 pixels and wider you should make the following changes.



At 1000px and above the width of the content is a fixed width.



There should be no jump when you cross the breakpoint. I.e. it should be fixed at the width it would have been at 1000px.

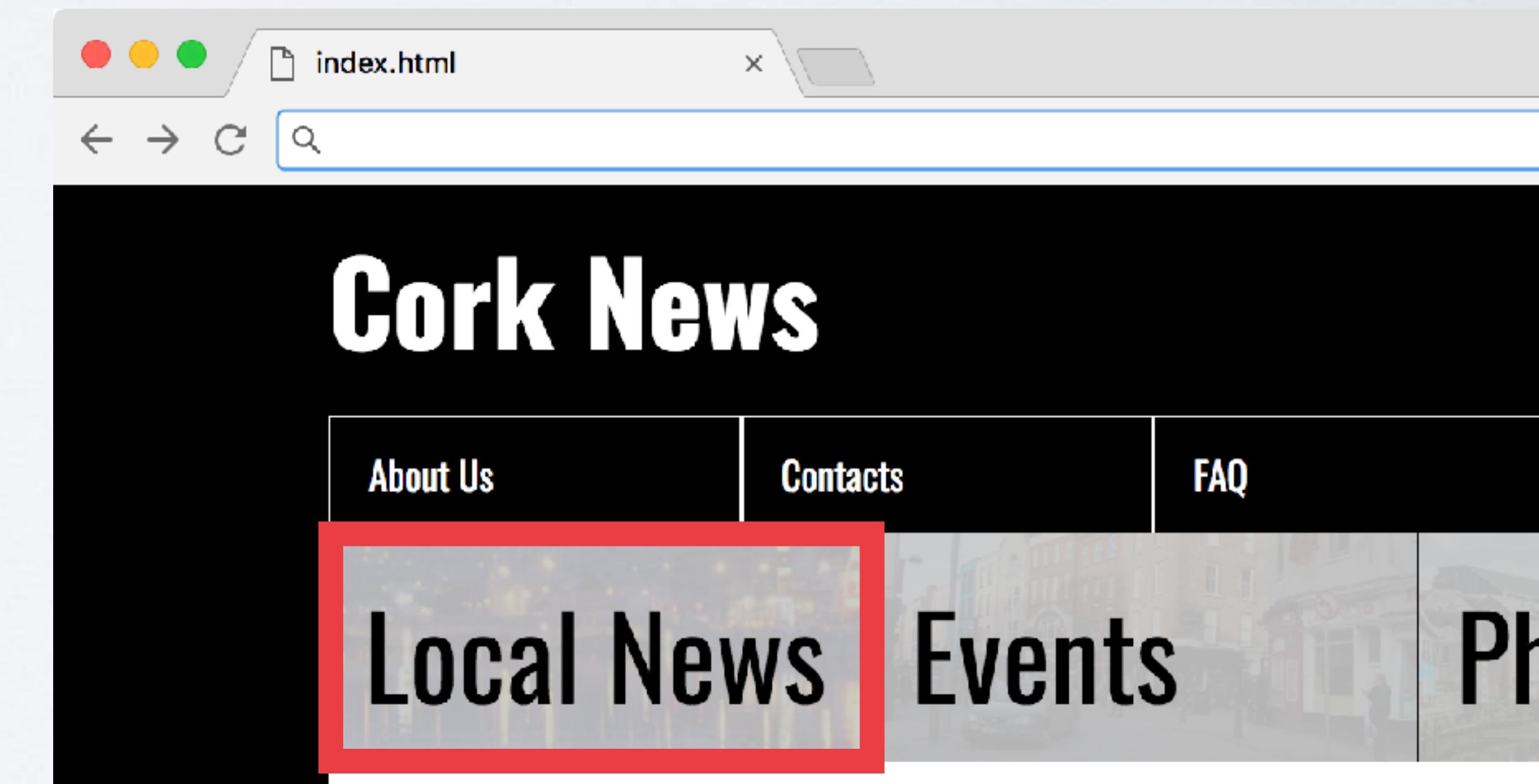


ERRATUM

At some widths in the screencast the "Local News" text doesn't fit in the space provided.

Fixes for this would include changing the font-size, or changing the breakpoint.

For the purpose of this assignment you can just change the label to "News"



See provided screencasts for more details.

Submit your code on Blackboard by the due date for the assignment. .

All work must be your own.

Images are provided but you can use your own if you prefer.

Note: Remaining labs will be dedicated to working on this assignment.

Attendance is still expected as tips and aspects of this assignment may be covered in labs.