

102 Avenue Bridge girders repaired

Groat Road to be closed this weekend

The City of Edmonton announced today that the damaged girders from the 102 Ave Bridge Replacement Project have been repaired and will be reinstalled.

"Since the original damage occurred to three girders back in March, City and contractor staff have been working around the clock to evaluate the damage, repair the girders and inspect their integrity," said Byron Nicholson, director of special projects for Roads Design and Construction. "The City and its experts are certain that this solution will be safe and reliable as we move forward with the project."

Cold and heat processes were used to straighten the damaged girders (#4, 5 and 6) and restore both the horizontal and vertical alignments. On girder #5, the manufacturer cut off a section of the top flange, replaced it and restored the overall structural integrity. This is a standard practice in steel manufacturing.

"A team of engineers, including the contractors, the consultant, City engineers and the third party engineering advisor to the City agreed that none of the girders would be used unless safety and integrity could be guaranteed beyond any doubt," said Nicholson. "We are receiving documentation that the bridge will be completely safe through its 75 year service life."

Groat Road will be completely closed to traffic between 107 Avenue and River Valley Road beginning at 7:30 p.m. on Friday, May 15 until 6:00 a.m. on Tuesday, May 19 as crews reinstall the repaired girders.

Once the girders are back in place, secured and braced, the contractor will be asked to provide a revised construction schedule with a new anticipated completion date for the project.

While Groat Road is closed to traffic, parking will be banned along the east side of 116 Street between 100 Avenue and Jasper Avenue. There will be no access to the multi-use path adjacent to Groat Road during the closure. The City may need to close Groat Road on the weekend of May 29 - June 1 to complete the installation work.

The City appreciates the continued patience and understanding of Edmonton residents as we work to resolve the 102 Avenue Bridge situation.

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