

Ritchie Vision Zero Street Lab Installation

Based on your community's feedback, we are now ready to begin installing the Ritchie Vision Zero Street Lab, which will see adaptable traffic safety measures on your streets!



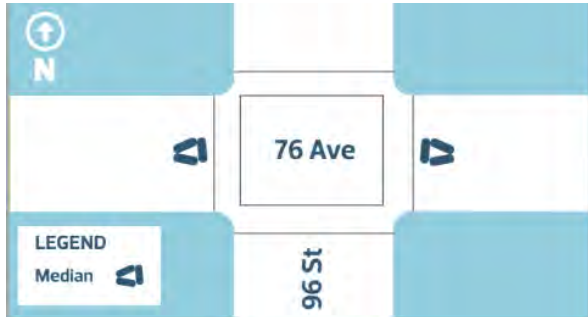
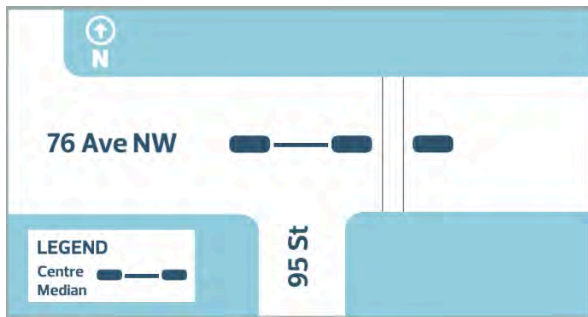
Community Traffic Safety Concerns: What We Heard




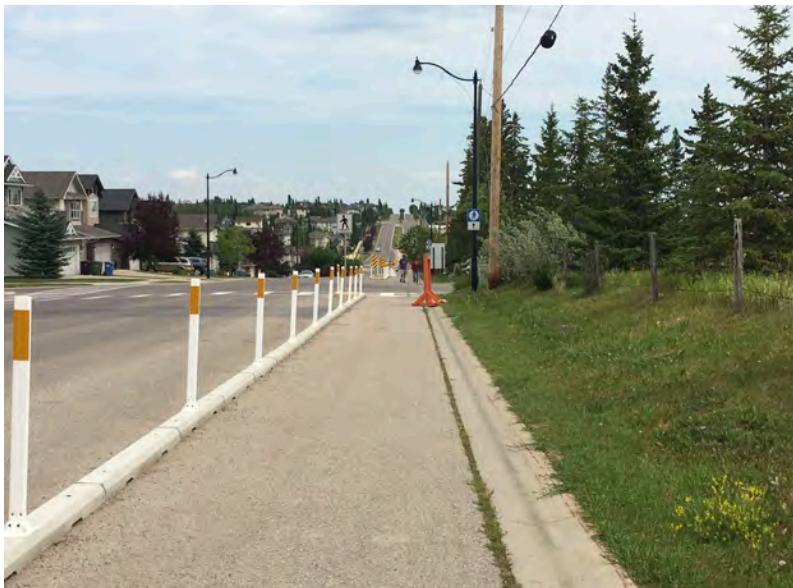
The City conducted public engagement from May 1 - May 29, 2023 to gather community expertise about lived experiences and traffic safety concerns. The What We Heard report that outlines the public feedback is available on edmonton.ca/StreetLabs.

Street Lab Plan

The Ritchie Street Lab plan, which is outlined in the table below, has been designed to best improve safety and meet the needs of the community. The Vision Zero Street Labs program uses adaptable traffic calming measures to address traffic safety concerns and differs from the 76 Avenue renewal project, which is in the planning (concept) phase. Learnings from the Street Lab project will be shared with the 76 Avenue renewal project team. Visit edmonton.ca/76Avenue for more information.

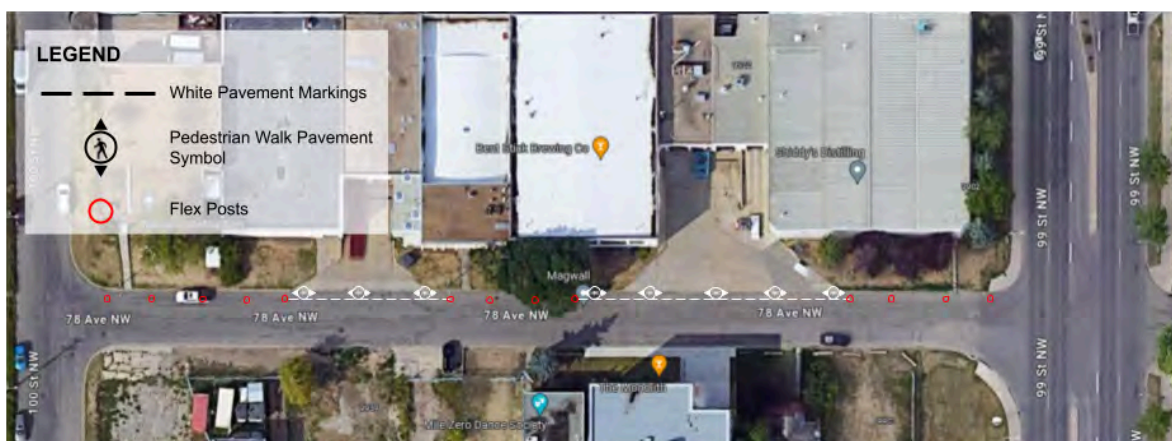
Most measures will be installed by the **end of July 2024**, weather and resource permitting. The measures planned for 97 Street and 82 Avenue will be installed by the end of 2024 due to the installation of a half signal with bike detection, which is further detailed below.

Installation and Location	Benefit	Photo of Adaptable Measure
<p>What We Heard Residents shared concerns of speeding and crosswalk safety throughout the neighbourhood.</p> <p>What We're Installing Curb extensions at:</p> <ul style="list-style-type: none"> 96 Street south of 81 Avenue 101 Street and 81 Avenue 102 Street south of 82 Avenue 76 Avenue west of 95 Street 	<p>Curb extensions narrow the street in order to:</p> <ul style="list-style-type: none"> ✓ Improve safety and visibility of the pedestrians crossing the roadway ✓ Slow vehicles and calm traffic by visually narrowing the street ✓ Stop people from parking close to the crosswalk, creating clearer sightlines for all road users 	
<p>What We Heard Residents shared crosswalk safety concerns throughout the community, primarily along 76 Avenue, including at 96 and 95 Street.</p> <p>Residents also shared sightline concerns at 76 Avenue and 95 Street, which is impacting vehicle safety for drivers trying to enter 76 Avenue.</p> <p>Residents also shared shortcutting concerns along 95 Street.</p> <p>What We're Installing A centre median at:</p> <ul style="list-style-type: none"> 76 Avenue and 96 Street <p>A centre median with right in, right out access at:</p> <ul style="list-style-type: none"> 76 Avenue and 95 Street <p>Left turns will be prohibited at the intersection of 76 Avenue and 95 Street. Vehicles will be required to use an adjacent street, which will provide better visibility when entering 76 Avenue, minimizing the risk of conflict with other road users.</p>	<p>Centre medians narrow the street in order to:</p> <ul style="list-style-type: none"> ✓ Slow vehicles and encourage safer speeds ✓ Keep drivers in the proper lane <p>The centre median at 76 Avenue and 95 Street will:</p> <ul style="list-style-type: none"> ✓ Deter shortcutting and reduce traffic volumes along 95 Street ✓ Improve sightline concerns and crosswalk safety for pedestrians ✓ Improve safety of drivers turning left onto 76 Avenue <p>Centre medians will include flex posts and signs to increase visibility.</p>	 <p>76 Avenue and 96 Street</p>  <p>76 Avenue and 95 Street</p> 

<p>What We Heard Residents shared concerns of speeding, shortcutting and crosswalk safety along 97 Street. Residents also shared concerns of the safety of cyclists due to traffic volumes and excessive driver speeds.</p> <p>What We're Installing A two-stage crossing with right in, right out access at:</p> <ul style="list-style-type: none"> 76 Avenue and 97 Street <p>Left turn movements will be prohibited at the intersection of 76 Avenue and 97 Street to reduce conflict points. Vehicles will be required to use an adjacent street.</p>	<p>A two-stage crossing will:</p> <ul style="list-style-type: none"> ✓ Encourage slower speeds along 76 Avenue ✓ Reduce the crossing distance ✓ Increase crossing opportunities, allowing people to cross one lane at a time ✓ Improve visibility of people crossing the street ✓ Reduce shortcutting and traffic volumes along 97 Street 	 <p>76 Avenue and 97 Street ve</p>
<p>What We Heard</p> <ul style="list-style-type: none"> • Speeding and shortcutting concerns along 97 Street • Concerns about a lack of safe crossings and the speed and volume of drivers <p>What We're Installing The following measures will be installed at 97 Street and 82 Avenue:</p> <ul style="list-style-type: none"> • A centre median, with right in right out access • A half signal with bike detection. The half signal will control westbound and eastbound traffic along 82 Avenue <p>Install Timelines</p> <ul style="list-style-type: none"> • The centre median and half signal with bike detection will be installed by the end of 2024 	<p>The centre median will:</p> <ul style="list-style-type: none"> ✓ Provide a protected crossing for cyclists and pedestrians across 82 Avenue ✓ Reduce shortcutting and traffic volumes along 97 Street, as the extended centre median prohibits left turn movements at the intersection of 82 Avenue and 97 Street. Vehicles will be required to use an adjacent street to turn left <p>The half signal with bike detection:</p> <ul style="list-style-type: none"> ✓ Detects when cyclists are wanting to cross 82 Avenue, creating a safe crossing experience ✓ Allows cyclist to cross 82 avenue without dismounting ✓ Improves the safety of pedestrians crossing 82 Avenue 	
<p>What We Heard Residents shared concerns of speeding and shortcutting at several locations throughout the neighbourhood.</p> <p>What We're Installing Rubber speed humps will be installed at:</p> <ul style="list-style-type: none"> • 98 Street between 77 and 81 Avenue • 78 Avenue between 97 and 99 Street • 79 Avenue west of 98 Street • 80 Avenue west of 98 Street • 81 Avenue west of 99 Street 	<p>Speed humps can help:</p> <ul style="list-style-type: none"> ✓ Reduce excessive traffic volume ✓ Reduce excessive speeds on local roads 	
<p>What We Heard Residents shared concerns about poor pedestrian safety due to a lack of sidewalks along 78 Avenue.</p> <p>What We're Installing An adaptive sidewalk will be installed at:</p> <ul style="list-style-type: none"> • 78 Avenue between 99 Street and 100 Street (one year pilot) <p>Adaptive sidewalks provide pedestrians with added protection to:</p> <ul style="list-style-type: none"> ✓ Improve pedestrian safety and visibility 	 <p><i>Example of an adaptive sidewalk using small curbs, City of Calgary</i></p>	

Evaluation

The adaptive sidewalk will be evaluated over the course of one year to determine if the adaptive sidewalk will remain in place.



Adaptive sidewalk plan for 78 Avenue between 99 Street and 100 Street, which will use a combination of flex posts and pavement markings to provide added protection for pedestrians.

Street Lab Installation Locations



Next Steps:

The Street Lab will be evaluated **approximately three to six months** after the installation of all measures. As these installations are adaptable, they may be adjusted based on evaluation learnings.

If you have questions about this project email saferoads@edmonton.ca.